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Attn: Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
US EPA
401 M Street, SW
Washington, DC 20460

CERTIFIED MAIL

TSCA 8(E) SUBSTANTIAL RISK NOTICE ON: N-Methyl Perfluorooctanesulfonamido Ethanol

Dear Sir:

3M is reporting information that shows N-Methyl Perfluorooctanesulfonamido toxicity is consistent with that of related perfluorooctanyl sulfonates previously submitted to EPA [see 8(e) dockets #373 and 374]. Enclosed is the final report from Covance Laboratory on a 13-Week Dietary Study of N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE) in Rats. As expected, higher dose levels (30 and 100ppm N-MeFOSE in food) produced liver effects. The liver changes included increased liver weights, hepatocyte hypertrophy, and hepatocellular vacuolation. Lower cholesterol and triglycerides levels were also found in the high dose (100ppm) and mid dose (30ppm) animals. Neither liver effects nor cholesterol/triglyceride changes were found in the low dose (3ppm) animals.

Significantly reduced body weights were present in the high dose animals beginning at week 4 and continuing until the end of the study. Significantly reduced body weights occurred in the mid dose animals beginning at week 7 and continued until the end of the study. Weekly body weights of the low dose animals during the second half of the study were somewhat less than controls. None of the low dose weekly body weights were significantly different from controls. However, the overall body weight gain during the study (weeks 1 through 14) of the low dose animals was significantly less than the controls.

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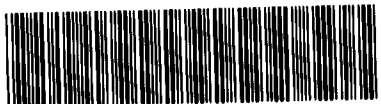

The Covance report concludes that the 3ppm dose was the no-observable – adverse-effect level (NOAEL) as the minor body weight effect found at 3ppm was not correlated with any clinical chemistry or anatomic pathological changes; it was not considered to be biologically adverse.

The study report is attached.

Please contact Dr. William Weppner, 651-733-6374, for further information.

Sincerely,

Charles Reich
Vice President,
Specialty Materials Markets

Enclosures:
1. 4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE) in Rats (T-6314)
2. 13-Week Dietary Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE) in Rats (T-6314)

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Final Report

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

PREPARED FOR:
3M

COVANCE STUDY NUMBER:
6329-225

COVANCE
THE DEVELOPMENT SERVICES COMPANY

Sponsor:
3M
St. Paul, Minnesota

FINAL REPORT

Study Title:

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Author:

Peter J. Thomford, PhD

Study Completion Date:

June 30, 2000

Performing Laboratory:

Covance Laboratories Inc.
3301 Kinsman Boulevard
Madison, Wisconsin 53704-2595

Laboratory Study Identification:

Covance 6329-225

Sponsor Study Identification:

Study No. 3M T-6314.1

QUALITY ASSURANCE STATEMENT

This report, with the exception of Appendix 7, has been reviewed by the Quality Assurance Unit of Covance Laboratories Inc., in accordance with the Food and Drug Administration (FDA) Good Laboratory Practice Regulations, 21 CFR 58. The data in Appendix 7 is generated by and is the responsibility of the Sponsor. The following inspections were conducted and findings reported to the study director and study director management.

Inspection Dates			Date Reported to Study Director and Study Director Management
From	To	Phase	
08/31/98	08/31/98	Protocol Review	08/31/98
08/31/98	08/31/98	Material Dispensation	08/31/98
04/12/99	04/29/99	Report Review	04/29/99
04/02/99	04/07/99	Data Review	05/04/99
06/02/99	06/02/99	Protocol Amendment Review	06/02/99
04/19/00	04/20/00	Report Review	04/20/00
04/28/00	04/28/00	Protocol Amendment Review	04/28/00
04/28/00	04/28/00	Protocol Amendment Review	04/28/00

Caroline J. Hunter
Representative
Quality Assurance Unit

June 30, 2000
Date

STUDY IDENTIFICATION

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Test Material	N-Methyl Perfluorooctanesulfonamido Ethanol (MeFOSE, T-6314)
Sponsor	3M Toxicology Services Building 220-2E-02, 3M Center St. Paul, Minnesota 55144-1000
Study Monitor	Andrew M. Seacat, PhD 3M Toxicology Services 651.575.3161
Alternate Study Monitor	Marvin T. Case, DVM, PhD 3M Toxicology Services 651.733.5180
Study Location	Covance Laboratories Inc. 3301 Kinsman Boulevard Madison, Wisconsin 53704-2595
Study Director	Peter J. Thomford, PhD Covance Laboratories Inc. P.O. Box 7545 Madison, Wisconsin 53707-7545 608.241.7207
Study Timetable	
Study Initiation Date	August 27, 1998
In-Life Start Date	September 1, 1998
In-Life End Date	December 2, 1998
Study Completion Date	June 30, 2000

KEY PERSONNEL

Study Director	Peter J. Thomford, PhD
Study Toxicologist	Thomas E. Ryan, BS
Study Coordinator	Nii Van Bruce-Konuah
Supervisor, Small Animal Toxicology	Nathan E. Snortum, BA, BT, ALAT
Supervisor, Dose Formulation	Dixie Bushee, BS, LATG
Supervisor, Chemistry/Tox Support	Brian Schoenike, BS
Supervisor, Laboratory Animal Medicine	Donna J. Clemons, DVM Diplomate, ACLAM
Clinical Pathologist	Robert L. Hall, DVM, PhD Diplomate, ACVP (Clinical Pathology)
Supervisor, Clinical Pathology	Ronald Markevitch, BS, MT (ASCP)
Anatomical Pathologist	Sandra R. Eldridge, PhD Pathology Associates International
Anatomical Pathologist	Johnnie J. Eighmy, DVM, MS Diplomate, ACVP Diplomate, ABT
Supervisor, Anatomical Pathology	Deborah Pirkel, ALAT

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ABSTRACT

The purpose of this study was to assess the toxicity of the test material, N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) when administered in the diet to rats for at least 13 weeks.

Four groups of Crl:CD®(SD) IGS BR rats were exposed to N-MeFOSE in the diet for at least 13 weeks. Each group contained 20 males and 20 females. The dietary concentrations were 0 (control group), 3, 30, and 100 ppm.

Food was provided *ad libitum*, except when animals were fasted. Water was provided *ad libitum*. The animals were observed twice daily (a.m. and p.m.) for mortality and moribundity. At least once weekly, each animal was removed from its cage and examined for abnormalities and signs of toxicity. Body weight data were collected on the first day of treatment and weekly thereafter. Food consumption data were collected weekly. Ophthalmic examinations were done before initiation of treatment and during Week 14. Blood samples were collected for hematology and clinical chemistry tests during Weeks 5 and 14. Urine samples for urinalysis tests were collected during Week 14. During Weeks 5 and 14, blood was collected from five animals/sex/group for serum perfluorooctane sulfonic acid (PFOS) analyses. At the Week 5 sacrifice, samples of the liver were collected from five animals/sex/group for palmitoyl-CoA oxidase activity and liver PFOS analysis. Animals sacrificed at Week 5 were not necropsied. During Week 14, the remaining animals were anesthetized, weighed, exsanguinated, and necropsied. At necropsy, macroscopic observations were recorded, selected organs were weighed, and selected tissues were collected and preserved. Samples of liver were collected from all surviving animals for palmitoyl-CoA oxidase activity and liver PFOS analysis. Samples of the liver were collected from five animals/sex/group for proliferation cell nuclear antigen (PCNA) evaluation and microscopic examination. Microscopic examinations were done on tissues from each animal in the control and high-dose groups (terminal sacrifice only) and from the low-dose animal that was sacrificed at an unscheduled interval. Microscopic examinations were also done on the liver and stomach from each terminal sacrifice animal in the mid-dose group, and on the liver from each terminal sacrifice animal in the low-dose group.

One female given 3 ppm N-MeFOSE was sacrificed on Day 59 due to severe laceration of the tail. There were no macroscopic or microscopic changes to indicate that its moribund condition was test material-related. All other animals survived to the scheduled sacrifice. No clinical observations were noted that were considered to represent primary effects of the test material. Statistically significantly lower mean body weights were noted beginning at Week 4 and continuing through the end of study for animals given 100 ppm. Statistically significantly lower mean body weights were noted beginning at Week 7 and continuing through the end of study for males given 30 ppm. Body weight changes were statistically significantly lower in a sporadic manner for animals given 30 or 100 ppm. Overall body weight changes (Weeks 1-14) were statistically significantly lower for all groups given N-MeFOSE. Although statistically significant only at Week 13, food consumption was in general lower for males given 100 ppm. For females given 100 ppm, statistically lower food consumption was apparent at Weeks 3, 4, 6, 7, 11, and 12.

Dietary administration of N-MeFOSE was associated with lower hematocrit for males and females fed 100 ppm; higher urea nitrogen for males and females fed 100 ppm; higher albumin for males fed 100 ppm; lower globulin for males fed 30 or 100 ppm; lower cholesterol and triglycerides for males fed 30 or 100 ppm and females fed 100 ppm; higher alanine aminotransferase for males fed 100 ppm; and higher hepatic palmitoyl CoA oxidase for males and females fed 100 ppm. The effects were relatively mild with the exception of those on cholesterol and triglycerides for the high-dose males; those effects were considered to be of moderate severity. All of the test material-related clinical pathology findings were more prominent at Week 14 than at Week 5.

Statistically significant and test material-related changes in terminal body weights and liver weights were seen in males and/or females in the two highest dose groups. Statistically significant decreases were seen in the terminal body weights of males fed 30 ppm and in both males and females fed 100 ppm of N-MeFOSE. Statistically significant increases were seen in the mean liver-to-body weight percentage and mean liver-to-brain weight ratio in males fed 30 ppm, in mean absolute liver weight and mean liver-to-body weight percentage in females fed 30 ppm, and in all liver weight parameters in males and females fed 100 ppm.

Test material-related macroscopic findings were noted at a low incidence in the liver and glandular stomach of males and females in the 100 ppm dose group only. Liver findings included organs that were large and diffusely dark. In the glandular stomach, dark foci or areas were sometimes seen in the gastric mucosa.

Test material-related microscopic findings were seen in the liver of animals fed 30 and 100 ppm of N-MeFOSE and in the glandular stomach of males and females in the 100 ppm group only. No test material-related changes were seen in animals fed 3 ppm of N-MeFOSE. In the liver, one or more test material-related findings affected all animals fed 100 ppm and included slight-to-moderate centrilobular or diffuse hepatocellular hypertrophy, minimal-to-slight coagulative necrosis, minimal hepatocellular pigment, and minimal-to-slight centrilobular to midzonal or diffuse hepatocellular vacuolation. In animals fed 30 ppm, centrilobular hepatocellular hypertrophy was also seen, although the incidence and severity was decreased at this dose. In addition, a low incidence of minimal hepatocellular vacuolation occurred in 30 ppm dose group males, and the liver of a single female fed 30 ppm had minimal coagulative necrosis. A possible test material-related change in the glandular stomach of animals fed 100 ppm was a relatively low incidence of mucosal erosions. The erosions were of minimal to slight severity and involved a very small portion of the mucosal surface in all cases.

Based on anatomic pathology, clinical pathology, and body weight effects at 30 and 100 ppm the no-observable-adverse-effect level was determined to be less than 30 ppm when N-MeFOSE is administered at concentrations of 0, 3, 30 and 100 ppm to Crl:CD®(SD) IGS BR rats for at least 13 weeks through dietary administration. Based on the body weight effects at 3, 30, and 100 ppm, the no-observable-effect level was determined to be less than 3 ppm when N-MeFOSE is administered at concentrations of 0, 3, 30 and 100 ppm to Crl:CD® (SD) IGS BR rats for at least 13 weeks through dietary administration. In the absence of correlative changes in anatomic pathology and clinical pathology the body weights effects at 3 ppm were not considered to be biologically adverse.

PURPOSE

The purpose of this study was to assess the toxicity of the test material, N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) when administered in the diet to rats for at least 13 weeks.

REGULATORY COMPLIANCE

All aspects of this study were in accordance with the Food and Drug Administration Good Laboratory Practice Regulations as set forth in Title 21 of the US Code of Federal Regulations, Part 58, issued December 22, 1978 (effective June 20, 1979), and with any applicable amendments.

TEST MATERIAL

Test Material
The test material, N-Methyl Perfluorooctanesulfonamido Ethanol (MeFOSE, T-6314), Lot No. F-11364, is an off white powder. It was received at Covance on August 3, 1995.

The test material was stored at room temperature.

Information on synthesis methods, stability, purity, composition, or other characteristics that define the test material is on file with the Sponsor.

Reserve (Archive) Sample
A reserve sample (approximately 5 g) of the test material was taken and stored at room temperature. This sample will be transferred to the Sponsor after authorization from the Sponsor.

Disposition
Remaining test material will be returned after authorization from the Sponsor.

ANIMALS AND HUSBANDRY

Test Animal

Male and female Crl:CD®(SD) IGS BR rats were obtained from the Portage, Michigan, facility of Charles River Laboratories, Inc., on August 17, 1998. The animals were 39 to 45 days old at initiation of treatment. The males weighed from 184 to 236 g, and the females weighed from 140 to 179 g at initiation of treatment.

Identification

Each animal was assigned a temporary number upon arrival. Before initiation of treatment, a microchip identification device was implanted into each animal. After randomization for placement on test, each animal was assigned a permanent number, and the microchip was coded with that number. All data for an animal are recorded under these numbers.

Acclimation

Ninety-two males and 92 females were received on August 17, 1998, and acclimated in Animal Room 348 for 15 days before initiation of treatment. In general, animals in this shipment appeared healthy. During acclimation, the animals were examined for abnormalities indicative of health problems, an ophthalmic examination was done, and body weights were recorded for all animals at randomization.

Housing and Maintenance

Animal Room 348 was used for this study. Environmental controls for the animal room were set to maintain 18 to 26°C, a relative humidity of 30 to 70%, and a 12-hour light/12-hour dark cycle.

The animals were housed individually (except for the first 7 days of acclimation when animals were group-housed) in stainless steel, screen-bottom cages.

Certified rodent diet #5002 meal, (PMI Nutrition International) was provided (see Protocol Deviations for exceptions) *ad libitum*, except when animals were fasted. The diet is routinely analyzed by the manufacturer for nutritional components and environmental contaminants. The results are on file with Covance-Madison.

Water was provided *ad libitum*. Samples of the water are routinely analyzed for specified microorganisms and environmental contaminants. The results are on file with Covance-Madison.

There were no known contaminants in the diet or water at levels that would have interfered with this study.

Animals not selected for the study (12 males and 12 females) were removed from the study room and used for training procedures.

Justification
Historically rats have been used in safety evaluation studies and are recommended by appropriate regulatory agencies.

PROCEDURES

This study was conducted in accordance with the Protocol dated August 27, 1998, and Protocol Amendment Nos. 1, 2, and 3. The protocol, protocol amendments, and protocol deviations are in Appendix 1.

Group Designations and Dose Levels
The animals were examined by a laboratory animal veterinarian on August 31, 1998, and found to be suitable for study consideration. Selection of animals for the study was based on clinical observations, body weights, ophthalmic examinations, and other data as appropriate. Animals were assigned to treatment groups using a computerized blocking procedure designed to achieve body weight balance with respect to treatment group. At the time of randomization, the weight variation of the animals for each sex used did not

exceed ±2 standard deviations of the mean weight. Group mean body weights were analyzed using Levene's test for homogeneity of variance at the 5.0% probability level and found to be homogeneous. Animals were assigned to the study according to the following design:

	Number of Animals		Dietary Levels
Group	Male	Female	(ppm MeFOSE)[a]
1 (Control)[b]	20	20	0
2 (Low)	20	20	3
3 (Mid)	20	20	30
4 (High)	20	20	100

a Dose levels were expressed as ppm of MeFOSE.
b The control animals received the basal diet only.

Dose Preparation
Dietary concentrations were based on the test material as supplied. Before initiation of treatment, diets of 1, 3, 30, 100, and 500 ppm concentrations were mixed. Diets were prepared for stability analyses at the 1-ppm and 500-ppm concentrations and for homogeneity analyses at the 3, 30, and 100 ppm concentrations. Diets were prepared once every 4 weeks for use in the in-life phase.

Preparation of Diet for Group 1. The appropriate amount of diet was weighed into a labeled container and acetone was added at the same concentration as the high-dose concentration. The combination of the diet and acetone was then mixed for 15 minutes.

Preparation of Diets for Groups 2 through 3. Each dose level was prepared independently. A specified amount of diet was weighed into a labeled container and a specified amount of diet for Group 4 was weighed for each diet. A trench was formed in the feed in the mixing bowl and the amount of diet for Group 4 was transferred to the trench. The contents of the mixing bowl were thoroughly mixed for 15 minutes.

Preparation of Diet for Group 4. A specified amount of diet was weighed into a labeled container. The required amount of test material was weighed and transferred into a labeled container. Approximately 5 mL of acetone was added to the container and mixed manually. Increments of approximately 5 mL acetone were added as necessary until the test material had dissolved. To prepare a premix, the diet was transferred into a labeled

000017

Hobart® mixing bowl. The test material and acetone were added to the mixing bowl, overlaid with a portion of diet from the mixing bowl, and thoroughly mixed. A portion of diet from the mixing bowl was transferred to a second mixing bowl, mixed manually to recover residual test material, and returned to the first mixing bowl. The contents of the mixing bowl were thoroughly mixed.

Samples for dose analyses were taken directly from the mixing bowl.

The prepared test diets were stored at room temperature in covered containers until dispensed into feeding jars.

Retention Samples

During the in-life phase, samples (approximately 100 g) were taken from each dose preparation for dose analyses and stored at room temperature. These samples were discarded on May 11, 1999 (see Protocol Deviations for exceptions).

Method of Administration

Dietary admixture was used because the potential route of exposure in humans is oral.

The dose preparations were administered *ad libitum* for at least 13 weeks, unless otherwise specified.

Dose Analyses

Analyses for the concentration of test material in the dose preparations were done by Covance using an analytical method, MP-M324-MA, supplied by the Sponsor and validated by Covance.

Homogeneity was determined for the 3-ppm, 30-ppm, and 100-ppm dose preparations once pretest. One sample (approximately 100 g) each from the top, middle, and bottom of the dose preparations mixed for homogeneity analyses were collected, divided into three subsamples for extraction and analysis, and analyzed for test material content. All samples were stored at room temperature until analyzed within 7 days of mixing.

Four samples (approximately 100 g each) were taken from the 1-ppm dose level concentration of diet preparations mixed pretest. One sample was analyzed on the day of mixing and used as the baseline value. One sample was stored at room temperature for at least 19 days, then analyzed. A third sample was stored at room temperature for at least 32 days, then analyzed. The remaining sample was stored in a freezer set to maintain -10 to -30°C for 8 weeks, then analyzed. In addition, two samples (approximately 100 g each) were taken from the 500-ppm dose preparation mixed pretest. One sample was analyzed on the day of mixing. The second sample was stored at room temperature after at least 32 days, then analyzed. Two additional samples (approximately 100 g each) were taken from the 3-ppm dose preparation mixed for Weeks 9 through 12. One sample was stored at room temperature for at least 19 days, then analyzed. The second sample was stored at room temperature for at least 32 days, then analyzed. The sample collected for dose confirmation analysis was used as the baseline sample.

During the in-life phase, samples (approximately 100 g) from all dose preparations were collected and analyzed for dose confirmation. All samples were stored at room temperature until analyzed.

Clinical Observations

The animals were observed twice daily (a.m. and p.m.) for mortality and moribundity (see Protocol Deviations for exceptions). Signs of poor health or abnormal behavior were recorded as they were observed. At least once weekly, each animal was removed from its cage and examined. Any unusual or abnormal findings were recorded.

Body Weights

Individual body weight data were recorded on the first day of treatment, and weekly thereafter.

Food Consumption

Individual food consumption data were recorded weekly during treatment. Food consumption was not measured during Week 5 for animals scheduled for sacrifice during Week 5.

Ophthalmology

Ophthalmic examinations were done before initiation of treatment and during Week 14. The pupils were dilated with 0.5% Mydriacyl®, and the eyes were examined by a veterinarian with an indirect ophthalmoscope.

Clinical Pathology

Blood samples were collected from 10 animals/sex/group during Weeks 5 and 14. Urine samples were collected from 10 animals/sex/group during Week 14. Animals were fasted overnight, (see Protocol Deviations for exception) and urine was collected chilled (approximately 16 hours before blood sampling); water was provided *ad libitum*. Blood was collected from a jugular vein. Potassium EDTA was used as the anticoagulant for hematology tests. No anticoagulant was used for the clinical chemistry samples. Animals were bled in random order. The following were evaluated:

Hematology

- red blood cell (erythrocyte) count
- hemoglobin
- hematocrit
- mean corpuscular volume
- mean corpuscular hemoglobin
- mean corpuscular hemoglobin concentration
- platelet count
- white blood cell (leukocyte) count
- differential blood cell count
  - segmented neutrophil count
  - lymphocyte count
  - monocyte count
  - eosinophil count
  - basophil count
- blood cell morphology

Reticulocyte count smears were made and held for possible future examination.

Clinical Chemistry

- glucose
- urea nitrogen
- creatinine
- total protein
- albumin
- globulin
- total bilirubin
- cholesterol
- triglycerides
- aspartate aminotransferase
- alanine aminotransferase
- gamma glutamyltransferase
- calcium
- inorganic phosphorus
- sodium
- potassium
- chloride

Urinalysis

volume	bilirubin
specific gravity	blood
pH	urobilinogen
protein	microscopic examination of sediment
glucose	appearance
ketones	

Serum Perfluorooctane Sulfonic Acid Level (PFOS) Determination

During Weeks 5 and 14, five animals/sex/group were fasted overnight, (see Protocol Deviations for exception) anesthetized with carbon dioxide, and blood (approximately 4 mL) was collected from a jugular vein. All samples were collected without anticoagulant, allowed to clot at room temperature, and centrifuged. Serum was harvested and stored in a freezer set to maintain -60 to -80°C until packed on dry ice and shipped to the Sponsor for analyses. The samples were analyzed for PFOS. Results of analyses will be reported separately by the Sponsor.

Necropsy

A necropsy was done on the Group 2 female that was sacrificed at an unscheduled interval. During Week 5, five animals/sex/group were fasted overnight (see Protocol Deviations for exception), anesthetized with carbon dioxide, bled for serum PFOS samples, weighed, and exsanguinated. These animals were discarded without necropsy. The liver was removed from these animals, weighed, and collected for palmitoyl CoA oxidase and PFOS analysis. During Week 14, the remaining animals were fasted overnight, anesthetized with carbon dioxide, bled for clinical pathology tests (10 animals/sex/group with the exception of Group 2 female) and serum PFOS samples (five animals/sex/group), weighed, exsanguinated, and necropsied. Liver samples were collected for palmitoyl CoA oxidase, PCNA, and PFOS analysis. Animals were necropsied in random order.

The necropsy included a macroscopic examination of the external features of the carcass; all external body orifices; the abdominal, thoracic, and cranial cavities; organs; and tissues.

Organ Weights

After 13 weeks of treatment, the following organs (when present) were weighed; paired organs were weighed together:

adrenal (2)
brain
kidney (2)
liver
ovary (2)
spleen
testis (2)
thymus
thyroid (2) with parathyroid

Organ-to-body weight percentages and organ-to-brain weight ratios were calculated.

Cell Proliferation Tissue Collection and Immunohistochemical Evaluation

At the terminal sacrifice, representative samples of the left lateral lobe of the liver were collected from five animals/sex/group and preserved in zinc formalin. After fixation, samples were embedded in paraffin and shipped to Pathology Associates International (Frederick, Maryland) for proliferation cell nuclear antigen (PCNA) evaluation. In addition, liver sections were stained with hematoxylin and eosin and examined microscopically. Results of the evaluation are in Appendix 7.

Palmitoyl-CoA Oxidase Tissue Collection and Analyses

At the scheduled sacrifices, the right lateral lobe of the liver was collected from each animal, flash-frozen in liquid nitrogen, and stored in a freezer set to maintain -60 to -80°C until analyzed by Covance for palmitoyl CoA oxidase activity.

Liver PFOS Analyses

At the scheduled sacrifices, a portion of the liver from each animal was flash-frozen in liquid nitrogen and stored in a freezer set to maintain -60 to -80°C until packed on dry ice and shipped to the Sponsor for PFOS and metabolites analyses. Results of these analyses will be reported separately by the Sponsor.

Tissue Preservation

The following tissues (when present) from the animal that was sacrificed at an unscheduled interval, or from each animal sacrificed at the terminal sacrifice were collected and preserved in 10% neutral-buffered formalin, unless otherwise specified:

adrenal (2)
aorta
brain
cecum
cervix
colon
duodenum
epididymis (2)
esophagus
eye (2)
femur with bone marrow (articular surface of the distal end)
Harderian gland
heart
ileum with Peyer's patch (lymphoid aggregate)
jejunum
kidney (2)
lesions
liver
lung with mainstem bronchi
lymph nodes (mesenteric and mandibular)
mammary glands (females only)
ovary (2)
pancreas
pituitary
prostate
rectum
salivary gland [mandibular (2)]
sciatic nerve
seminal vesicle (2)
skeletal muscle (thigh)
skin
spinal cord (cervical, mid-thoracic, and lumbar)
spleen
sternum with bone marrow
stomach
testis (2)
thymus
thyroid (2) with parathyroid
trachea
urinary bladder
uterus
vagina
Zymbal's gland

Histopathology

Tissues (as appropriate) were embedded in paraffin, sectioned, stained with hematoxylin and eosin, and examined microscopically from each animal in the control and high-dose groups and from the low-dose animal that was sacrificed at an unscheduled interval. Due to microscopic findings noted in the high-dose group, the liver and stomach from animals in the mid-dose group, and the liver from animals in the low-dose group were also embedded in paraffin, sectioned, stained with hematoxylin and eosin, and examined microscopically.

Macroscopic lesions from animals in the low- and mid-dose groups were embedded in paraffin, sectioned, stained with hematoxylin and eosin, and examined microscopically.

Bone marrow smears from the femur of each animal were prepared at the scheduled sacrifice after 13 weeks of treatment, stained with Wright's stain, and retained for possible examination.

Statistical Analyses

Levene's test (Levene, 1960) was done to test for variance homogeneity. In the case of heterogeneity of variance at $p \leq 0.05$, transformations were used to stabilize the variance. Comparison tests took variance heterogeneity into consideration.

One-way analysis of variance [ANOVA (Winer, 1971a)] was used to analyze body weights, body weight changes, food consumption, continuous clinical pathology values; organ weights, organ-to-body weight percentages, and organ-to-brain weight ratios. If the ANOVA was significant, Dunnett's t-test (Dunnett, 1964) was used for control versus treated group comparisons.

Group comparisons (Groups 2 through 4 versus Group 1) were evaluated at the 5.0%, two-tailed probability level. Only data collected on or after the first day of treatment was analyzed statistically.

RECORD RETENTION

All raw data, documentation, records, protocol, and specimens generated as a result of this study will be archived in the storage facilities of Covance-Madison for a period of at least 1 year. At least 1 year after the submission of the final report, the Sponsor will determine the final disposition of the materials. All raw data stored on magnetic media, the protocol and protocol amendments, study correspondence, and an original copy of the final report will be retained by Covance-Madison.

PCNA evaluation data, paraffin blocks, and tissue slides will be retained by Pathology Associates International.

Liver and serum samples sent to the Sponsor and analysis data generated from these samples will be retained by the Sponsor.

RESULTS

Dose Analyses

Results of the homogeneity, stability, and dose preparation analyses are in Tables 1 through 3.

Mean values of the homogeneity analyses ranged from 74.0-78.0%, 84.0-96.7%, and 77.5-84.2% of the theoretical concentrations for the diets containing 3, 30, and 100 ppm N-MeFOSE, respectively. These results indicate that the mixing procedure produced a homogeneous distribution of the test material in the dose preparations; although variability generally appeared slightly greater at the 3 and 30-ppm dietary concentrations.

Results of stability analyses of samples stored for 19 and 32 days at room temperature and 8 weeks under frozen conditions indicated that the mean concentrations ranged from 54.4-62.5% of the initial concentrations of 1 ppm for diet mixed pretest. Samples stored for 32 days at room temperature indicated that the mean concentration was 98.4% of the initial concentrations of 500 ppm. Results of stability analyses of samples stored for 19 and 32 days at room temperature indicated that the mean concentrations ranged from 93.2-94.0% of the initial concentrations of 1 ppm for diet mixed at Week 4. Samples stored for 19 days at room temperature indicated that the mean concentration was 89.0% of the initial concentrations of 3 ppm.

The mean concentrations of the dose preparation analyses for all levels ranged from 63.7 to 110.0% of the theoretical concentrations. Inherent variability and lack of sufficient sensitivity at low levels in the analytical method for measuring N-MeFOSE resulted in homogeneity, stability and routine analysis data that were in many cases outside of the standard limits of +/- 15%. These results will be reevaluated in conjunction with the analytical results from the blood and liver level determinations when they are provided by the sponsor.

Clinical Observations and Survival

Clinical observations are summarized in Table 4; individual data are in Appendix 2. Individual animal fate data are also in Appendix 2.

One female given 3 ppm N-MeFOSE was sacrificed on Day 59 due to severe laceration of the tail. There were no macroscopic or microscopic changes to indicate that its moribund condition was test material-related. All other animals survived to the scheduled sacrifice.

No clinical observations were noted that were considered effects of the test material.

Ophthalmology

Ophthalmic observations are summarized in Table 5; individual data are in Appendix 2. The Ophthalmology Report contains a discussion of the data.

Animals selected for the study had no lesions at the prestudy examination. No test material-related ophthalmic observations were noted at the Week 14 examination.

Body Weights

Body weight and body weight change data are summarized in Tables 6 and 7; individual body weight data are in Appendix 3.

Test material-related lower body weights were noted for males given 30 and 100 ppm and for males and females given 100 ppm. Statistically significantly lower mean body weights were noted beginning at Week 4 and continuing through the end of study for males and females given 100 ppm. Statistically significantly lower mean body weights were noted beginning at Week 7 and continuing through the end of study for males given 30 ppm.

Body weight changes were statistically significantly lower in a sporadic manner for males given 30 ppm and for animals of both sexes given 100 ppm. Overall body weight changes (Weeks 1-14) were statistically significantly lower for all groups given N-MeFOSE.

Food Consumption

Food consumption data are summarized in Table 8; individual data are in Appendix 4.

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Although statistically significant only at Week 13 for males given 100 ppm, food consumption was lower for males given 30 and 100 ppm when compared to those of controls for most of the study. Females given 100 ppm had statistically significantly lower food consumption than those of controls at Weeks 3, 4, 6, 7, 11, and 12. The overall mean food consumption for females fed the 100-ppm concentration was significantly lower by 17.5% when compared with that of the controls.

Test Material Consumption

Test material consumption data are summarized in Table 9; individual data are in Appendix 4.

Animals were fed diets containing 3, 30, or 100 ppm N-MeFOSE, T-6314. The mean amounts of test material consumed by the animals in these groups were 0.148 to 0.304 mg/kg/day; 1.390 to 3.094 mg/kg/day; and 5.054 to 10.291 mg/kg/day for males, respectively. Values for females were 0.184 to 0.319 mg/kg/day; 2.204 to 3.395; and 6.494 to 10.378, respectively. The overall mean test material consumption for males fed diets containing 3, 30, or 100 ppm N-MeFOSE, T-6314 were 0.203 , 2.041, and 6.844 mg/kg/day, respectively. The overall mean test material consumption for females fed diets containing 3, 30, or 100 ppm N-MeFOSE, T-6314 were 0.240, 2.588, and 7.702, respectively.

Clinical Pathology

Hematology, clinical chemistry, and urinalysis data are summarized in Tables 10 through 14; individual data are in Appendix 5. The Pathology Report contains a discussion of the data.

Dietary administration of N-MeFOSE was associated with lower hematocrit for males and females fed 100 ppm; higher urea nitrogen for males and females fed 100 ppm; higher albumin for males fed 100 ppm; lower globulin for males fed 30 or 100 ppm; lower cholesterol and triglycerides for males fed 30 or 100 ppm and females fed 100 ppm; higher alanine aminotransferase for males fed 100 ppm; and higher hepatic palmitoyl CoA oxidase for males and females fed 100 ppm. The effects were relatively mild with the exception of those on cholesterol and triglycerides for the high-dose males; those effects

were considered to be of moderate severity. All of the test material-related clinical pathology findings were more prominent at Week 14 than at Week 5.

Serum Perfluorooctane Sulfonic Acid Level (PFOS) Determination
Results of serum PFOS level determination will be reported separately by the Sponsor.

Cell Proliferation Tissue Collection and Immunohistochemical Evaluation
Results of cell proliferation and immunohistochemical evaluation provided by Pathology Associates International are in Appendix 7.

Liver PFOS Determination
Results of liver PFOS level determination will be reported separately by the Sponsor.

Anatomic Pathology
Terminal body weights, absolute organ weights, organ-to-body weight percentages, and organ-to-brain weight ratios are summarized in Tables 15 and 16; incidences of macroscopic and microscopic observations are summarized in Tables 17 and 18; the incidence of severity of microscopic observations is summarized in Table 19. Individual data are in Appendix 6. The Pathology Report contains a discussion of the data.

Statistically significant and test material-related changes in terminal body weights and liver weights were seen in males and/or females in the two highest dose groups. Statistically significant decreases were seen in the terminal body weights of males fed 30 ppm and in both males and females fed 100 ppm of N-MeFOSE. Statistically significant increases were seen in the mean liver-to-body weight percentage and mean liver-to-brain weight ratio in males fed 30 ppm, in mean absolute liver weight and mean liver-to-body weight percentage in females fed 30 ppm, and in all liver weight parameters in males and females fed 100 ppm.

Test material-related macroscopic findings were noted at a low incidence in the liver and glandular stomach of males and females in the 100 ppm dose group only. Liver findings included organs that were large and diffusely dark. In the glandular stomach, dark foci or areas were sometimes seen in the gastric mucosa.

Test material-related microscopic findings were seen in the liver of animals fed 30 and 100 ppm of N-MeFOSE and in the glandular stomach of males and females in the 100 ppm group only. No test material-related changes were seen in animals fed 3 ppm of N-MeFOSE. In the liver, one or more test material-related findings affected all animals fed 100 ppm and included slight-to-moderate centrilobular or diffuse hepatocellular hypertrophy, minimal-to-slight coagulative necrosis, minimal hepatocellular pigment, and minimal-to-slight centrilobular to midzonal or diffuse hepatocellular vacuolation. In animals fed 30 ppm, centrilobular hepatocellular hypertrophy was also seen, although the incidence and severity was decreased at this dose. In addition, a low incidence of minimal hepatocellular vacuolation occurred in 30 ppm dose group males, and the liver of a single female fed 30 ppm had minimal coagulative necrosis. A possible test material-related change in the glandular stomach of animals fed 100 ppm was a relatively low incidence of mucosal erosions. The erosions were of minimal to slight severity and involved a very small portion of the mucosal surface in all cases.

CONCLUSIONS

Based on anatomic pathology, clinical pathology, and body weight effects at 30 and 100 ppm the no-observable-adverse-effect level was determined to be less than 30 ppm when N-MeFOSE is administered at concentrations of 0, 3, 30 and 100 ppm to Crl:CD®(SD) IGS BR rats for at least 13 weeks through dietary administration. Based on the body weight effects at 3, 30, and 100 ppm, the no-observable-effect level was determined to be less than 3 ppm when N-MeFOSE is administered at concentrations of 0, 3, 30 and 100 ppm to Crl:CD®(SD) IGS BR rats for at least 13 weeks through dietary administration. In the absence of correlative changes in anatomic pathology and clinical pathology the body weights effects at 3 ppm were not considered to be biologically adverse.

SIGNATURES

Nii van Bruce-Konuah
Study Coordinator
Covance Laboratories Inc.

30 June 2000
Date

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

30 June 2000
Date

REFERENCES

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Levene, H., "Robust Tests for Equality of Variances," Contributions to Probability and Statistics, (eds.) I. Olkin et al., Ch. 25, pp. 278-292, Stanford University Press: Stanford, California (1960).

Winer, B. J., "Design and Analysis of Single-Factor Experiments," Statistical Principles in Experimental Design, Second Ed., Ch. 3, pp. 149-260, McGraw-Hill: New York, New York (1971a).

OPHTHALMOLOGY REPORT

Ophthalmic examinations were done before initiation of treatment and during Week 14.

Animals selected for the study had no lesions at the prestudy examination. No test material-related ophthalmic observations were noted at the Week 14 examination.

Donna J. Clemons, DVM, MS
Diplomate, ACLAM

June 19, 2000
Date

PATHOLOGY REPORT

SUMMARY

The purpose of this study was to assess the toxicity of the test material, N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE), when administered in the diet to rats for at least 13 weeks. The test material was administered at dose levels of 3, 30, and 100 ppm.

Dietary administration of N-MeFOSE was associated with lower hematocrit for males and females fed 100 ppm; higher urea nitrogen for males and females fed 100 ppm; higher albumin for males fed 100 ppm; lower globulin for males fed 30 or 100 ppm; lower cholesterol and triglycerides for males fed 30 or 100 ppm and females fed 100 ppm; higher alanine aminotransferase for males fed 100 ppm; and higher hepatic palmitoyl CoA oxidase for males and females fed 100 ppm. The effects were relatively mild with the exception of those on cholesterol and triglycerides for the males fed 100 ppm; those effects were considered to be of moderate severity. All of the test material-related clinical pathology findings were more prominent at Week 14 than at Week 5.

Statistically significant and test material-related changes in terminal body weights and liver weights were seen in males and/or females in the two highest dose groups. Statistically significant decreases were seen in the terminal body weights of males fed 30 ppm and in both males and females fed 100 ppm. Statistically significant increases were seen in the mean liver-to-body weight percentage and mean liver-to-brain weight ratio in males fed 30 ppm, in mean absolute liver weight and mean liver-to-body weight percentage in females fed 30 ppm, and in all liver weight parameters in males and females fed 100 ppm.

Test material-related macroscopic findings were noted at a low incidence in the liver and glandular stomach of males and females in the 100 ppm dose group only. Liver findings included organs that were large and diffusely dark. In the glandular stomach, dark foci or areas were sometimes seen in the gastric mucosa.

Test material-related microscopic findings were seen in the liver of animals fed 30 and 100 ppm of N-MeFOSE and in the glandular stomach of males and females in the 100 ppm group only. No test material-related changes were seen in animals fed 3 ppm of

N-MeFOSE. In the liver, one or more test material-related findings affected all animals fed 100 ppm, and included slight-to-moderate centrilobular or diffuse hepatocellular hypertrophy, minimal-to-slight coagulative necrosis, minimal hepatocellular pigment, and minimal-to-slight centrilobular to midzonal or diffuse hepatocellular vacuolation. In animals fed 30 ppm, centrilobular hepatocellular hypertrophy was also seen, although the incidence and severity was decreased at this dose. In addition, a low incidence of minimal hepatocellular vacuolation occurred in 30 ppm dose group males, and the liver of a single female fed 30 ppm had minimal coagulative necrosis. A possible test material-related change in the glandular stomach of animals fed 100 ppm was a relatively low incidence of mucosal erosions. The erosions were of minimal to slight severity and involved a very small portion of the mucosal surface in all cases.

METHODS

Four groups of Crl:CD®(SD) IGS BR rats (20 animals/sex/group) were fed diets containing the test material at a dose level of 0 (control group; fed basal diet only), 3, 30, or 300 ppm. During Week 5, five animals/sex/group were sacrificed to obtain liver samples for determination of hepatic palmitoyl CoA oxidase activity (by Covance) and analysis for PFOS and metabolites (by 3M). One female fed 3 ppm was sacrificed and necropsied during Week 9 because of poor health (unscheduled sacrifice). The remaining animals were sacrificed and necropsied during Week 14 (terminal sacrifice).

Blood was collected for hematology and clinical chemistry tests during Weeks 5 and 14. Urine was collected for urinalysis tests during Week 14. At necropsy, macroscopic observations were recorded, organ weights were obtained (terminal sacrifice only), and tissues were placed in fixative as specified by the protocol. In addition, samples of liver were collected at the terminal sacrifice for evaluation of proliferation cell nuclear antigen (PCNA; by Pathology Associates International; five animals/sex/group), and both scheduled sacrifices for determination of hepatic palmitoyl CoA oxidase activity (by Covance) and analysis for PFOS and metabolites (by 3M). Microscopic examinations were done on protocol-required tissues from all control and high-dose animals sacrificed during Week 14 and the 3 ppm dose group female sacrificed in a moribund condition during Week 9 (unscheduled sacrifice). In addition, livers, stomachs, and macroscopic

lesions were examined from all terminal sacrifice animals fed 30 ppm, and macroscopic lesions and livers only were examined from animals fed 3 ppm.

Statistically significant differences cited in the Results and Discussion section are based on comparisons between the control and treated groups.

RESULTS AND DISCUSSION

Mortality

One female fed 3 ppm (Animal No. C96016) was sacrificed during Week 9 (Day 59) because of poor health. All other animals survived to the respective scheduled sacrifice.

Clinical Pathology

Weeks 5 and 14. There were several statistically significant or otherwise notable differences for clinical pathology results between control and treated animals. Differences considered to be effects of the test material were lower hematocrit for males and females fed 100 ppm; higher urea nitrogen for males and females fed 100 ppm; higher albumin for males fed 100 ppm, lower globulin for males fed 30 or 100 ppm; lower cholesterol and triglycerides for males fed 30 or 100 ppm and females fed 100 ppm; higher alanine aminotransferase for males fed 100 ppm; and higher hepatic palmitoyl CoA oxidase for males and females fed 100 ppm. The effects were relatively mild with the exception of those on cholesterol and triglycerides for the males fed 100 ppm; those effects were considered to be of moderate severity. All of the test material-related clinical pathology findings were more prominent at Week 14 than at Week 5.

The mild effects on hematocrit and globulin were consistent with animals failing to gain weight appropriately. Although mildly higher urea nitrogen and albumin suggested a relative dehydration for animals given 100 ppm, there were no effects on urine volume or urine specific gravity consistent with dehydration. The mild effect on alanine aminotransferase was indicative of the hepatocellular degeneration, and mildly higher hepatic palmitoyl CoA oxidase was indicative of peroxisomal proliferation. The effects on cholesterol and triglycerides were the most prominent findings, and suggested lipid metabolism by the liver was altered.

Of uncertain relationship to administration of the test material was statistically lower mean corpuscular volume for females fed 100 ppm. The difference for mean corpuscular volume became smaller over time (i.e., from Week 5 to Week 14). Other statistically significant differences were considered incidental and unrelated to administration of the test material.

Anatomic Pathology

Unscheduled Deaths. The one female fed 3 ppm that was sacrificed in a moribund condition on Day 59 (Animal No. C96016) had no macroscopic or microscopic changes to indicate that its moribund condition was test material-related.

Terminal Sacrifice

Terminal Body Weights and Organ Weights. Test material-related changes were seen in the terminal body weights and in absolute and relative liver weights in animals fed 30 and 100 ppm N-MeFOSE.

Mean terminal body weights were statistically significantly decreased in males and females that were fed 100 ppm of N-MeFOSE and in males only fed 30 ppm. The decreased mean body weights at both dose levels were considered to be test material-related.

Statistically significant and test material-related increases were seen in the mean liver-to-body weight percentage and the mean liver-to-brain weight ratio in males fed 30 ppm, in mean absolute liver weight and mean liver-to-body weight percentage in females fed 30 ppm, and in all liver weight parameters in males and females fed 100 ppm. The liver weight increases correlated macroscopically with large livers in 3 of 15 males in the 100 ppm dose group and microscopically with the presence of hepatocellular hypertrophy in all males and females in the high-dose group.

Additional statistically significant absolute or relative organ weight changes affected several other organs in both sexes and in multiple dose groups. Because there were no macroscopic or microscopic findings that correlated with the weight changes, the remaining organ weight variations were considered to be within the range of normal biologic variation or were attributed to the lower body weights in treated versus control animals.

Macroscopic Findings. Test material-related macroscopic findings were noted at a low incidence in the liver and glandular stomach of males and females fed 100 ppm N-MeFOSE. Livers that were large were seen in 3 of 15 males and in 0 females fed 100 ppm, and diffusely dark livers occurred in 2 of 15 males and 1 of 15 females fed 100 ppm. No liver changes occurred in animals fed the control material or in animals fed lower doses of N-MeFOSE. The large and diffusely dark livers correlated microscopically with hepatocellular hypertrophy in the affected animals. In the glandular stomachs, dark foci or areas occurred at an incidence of 0 of 15, 1 of 15, 0 of 15, and 2 of 15 in males, and at an incidence of 0 of 15, 0 of 14, 0 of 15, and 3 of 15 in females in the control, 3 ppm, 30 ppm, and 100 ppm groups respectively. The dark foci or areas generally correlated microscopically with small erosions in the glandular mucosa.

Diffuse reddening and mottling of the thymus and mandibular lymph nodes as well as red foci or areas in the thymus were relatively common findings and frequently correlated microscopically with hemorrhage in the affected organs. Because these findings did not occur in a dose-related manner and because rats in multiple dose groups, including control males, were sometimes affected, the findings were considered to be agonal changes that were not associated with test material administration. All remaining macroscopic findings were considered to be spontaneous and incidental and not related to test material administration.

Microscopic Findings. Test material-related microscopic findings were seen in the liver of animals fed 30 and 100 ppm of N-MeFOSE and in the glandular stomach of males and females in the 100 ppm group only. There were no test material-related findings in the livers of animals fed 3 ppm.

Test material-related findings in the liver included hepatocellular hypertrophy, coagulative necrosis, hepatocellular pigment, and hepatocellular vacuolation. The incidence and severity of these findings tended to be greater in 100 ppm animals. The incidence of pertinent liver findings is presented in Text Table 1.

Text Table 1

Incidence of Selected Microscopic Findings in the Liver

Group Number/Sex	1M	2M	3M	4M	1F	2F	3F	4F
Number Examined	15	15	15	15	15	14	15	15
Hypertrophy, hepatocellular, diffuse	0	0	0	0	0	0	0	1
Hypertrophy, hepatocellular, Centrilobular	0	0	14	15	0	0	7	14
Necrosis, coagulative	0	0	0	3	0	0	1	0
Pigment, hepatocellular	0	0	0	2	0	0	0	7
Vacuolation, hepatocellular, centrilobular to midzonal	0	0	2	7	0	0	0	2
Vacuolation, hepatocellular, diffuse	0	0	2	2	0	0	0	0

As noted in the above table, hepatocellular hypertrophy generally affected centrilobular areas of the liver in animals fed 30 and 100 ppm, but the liver was more diffusely hypertrophied in one female fed 100 ppm. The hypertrophic hepatocytes were enlarged with abundant cytoplasm that often had a granular to globular eosinophilic appearance. In some animals in the high-dose group (two males and seven females), the cytoplasm of hepatocytes also contained minimal amounts of a brown granular pigment at the periphery of the cell. In addition, liver cells frequently were vacuolated (see Text Table 1), particularly in males given 100 ppm, with the vacuolation generally affecting hepatocytes in centrilobular and midzonal areas. Diffuse hepatocellular vacuolation was also seen in two males in each of the 30 and 100 ppm dose groups, but in no other animals. Lastly, minimal to slight coagulative necrosis seen in 3 of 15 males fed 100 ppm and 1 of 15 females fed 30 ppm was likely related to dietary administration of the test material since no control or 3 ppm dose group animals were similarly affected.

A possible test material-related change in the glandular stomach was the presence of mucosal erosions. The erosions were of minimal to slight severity and involved a very small portion of the mucosal surface in all cases. The erosions were seen with an

incidence of 0 of 15, 0 of 15, and 2 of 15 in males, and at an incidence of 0 of 15, 0 of 15, and 3 of 15 in females in the control, 30 ppm, and 100 ppm groups respectively. The presence of erosions microscopically generally correlated with the dark foci or areas seen in the gastric mucosa at necropsy. One male fed 3 ppm also had a slight gastric erosion that was collected as a gross lesion at necropsy. Since no erosions were seen in any of the animals' stomachs examined from animals fed 30 ppm, the lesion in the 3 ppm male was considered unlikely to be test material-related.

All remaining microscopic findings were considered to be spontaneous and incidental changes and typical of rats of this age and strain.

Robert L. Hall, DVM, PhD
Diplomate, ACVP
(Clinical Pathology)

June 19, 2000
Date

Johnnie J. Eighmy, DVM, MS
Diplomate, ACVP
Diplomate, ABT

6/19/00
Date

COMMENTS ON THE DATA

Various models of calculators, computers, and computer programs were used to analyze data in this study. Because different models round off or truncate numbers differently, values in some tables (e.g., means, standard deviations, or individual values) may differ slightly from those in other tables, from individually calculated data, or from statistical analysis data. Neither the integrity nor the interpretation of the data was affected by these differences.

The number of animals listed in the heading of the summary tables for clinical observations reflects the number of animals assigned to each group at the start of the study.

The summary table for clinical observations indicate the number of animals for which a condition was observed without regard to the specific nature, severity, reversibility, number of incidences/animal, or the length of time the condition persisted.

Only observations other than normal are indicated on the summary clinical observations tables.

Each animal with observations recorded as "Normal" throughout the study has the comment "Animal has no significant findings" indicated on the individual clinical observations tables.

The specific details for comments in the individual clinical observations tables that are indicated with a "C" can be found at the end of each group for each sex.

The day of initiation of treatment is "Day 1, Week 1." Body weight data are entered at the start of a study week (e.g., a body weight recorded on Day 1 is considered a Week 1 body weight, a body weight recorded on Day 8 is considered a Week 2 body weight). Body weight change data are calculated from the first day of the study week to the first day of the following study week (e.g., Week 1 values are calculated from Day 1 through 7) and are indicated in the tables with the day being the first day of the following week (e.g., Week 1 values are indicated as "Day 8."). Weekly food consumption and test material consumption are calculated from the first day of the study week to the first day of the following study week (e.g., Week 1 values are calculated from Day 1 through 7).

The values for summary and individual test material consumption are reported with more significant figures than is appropriate for the data due to limitations of the data collection and reporting software.

COMMENTS ON THE DATA (Continued)

Food consumption values are reported in whole numbers; however, PTS carries food consumption values to one place to the right of the decimal for food efficiency and test material consumption calculations. The differences in values generated do not influence the interpretation of the calculation.

The comment "SPILLED" on individual food consumption data tables indicates that food consumption was not recorded due to spillage during the interval.

The comment "NOT TAKEN" on individual food consumption data tables indicates the animal died before the end of the food consumption interval.

Differences in the population size (N) on the summary tables for clinical and anatomic pathology are explained on the individual data tables or the codes sheets.

The calculation for individual test material consumption is:

Test material consumption =

$$\frac{\text{Diet Concentration} \times \text{Food Consumption}}{\text{Food Consumption Interval} \times [\text{First Body Weight of Interval} + (\text{Daily Body Weight Gain} \times \text{Day Factor})]}$$

where: Daily Body Weight Gain =

$$\frac{\text{Last Body Weight of Interval} - \text{First Body Weight of Interval}}{\text{Day of Last Body Weight of Interval} - \text{Day of First Body Weight of Interval}}$$

and: Day Factor =

$$(\text{Food Consumption Start Day} - \text{Day of First Body Weight of Interval}) + \frac{\text{Food Consumption Interval}}{2}$$

and: Food Consumption Interval =

$$\text{Food Consumption End Day} - \text{Food Consumption Start Day}$$

CODES, ABBREVIATIONS, AND UNITS

General Codes and Abbreviations
Codes for Clinical Pathology
Abbreviations and Units for Clinical Hematology
Abbreviations and Units for Clinical Chemistry
Abbreviations and Units for Clinical Urinalysis
Codes for Anatomic Pathology

Note: The following lists of codes, abbreviations, and units are used by Covance. Some, but not necessarily all, of this information may be needed for this report.

General Codes and Abbreviations

WK	Week.
N	Number of measurements in a group.
Mean; MEAN	Arithmetic mean.
SD; S.D.; STAND DEV; STANDARD DEV; sd	Standard deviation.
*	Group mean is significantly different from the mean of the control group (Group 1) at $p \leq 0.05$.
-; NA	No value; not applicable; not present.
P	Present.
C	Comment found at the end of each group for each sex.
UNSCHED DISPATCH	Unscheduled. Observations transferred from the in-life module of the data collection system to the necropsy module for reference during necropsy. Observations are duplicates of the last in-life observations.
TBW	Terminal body weight.
#	Number.
CO	Clinical observation.

Animal Death Codes:

1	Interim sacrifice 1.
T	Terminal sacrifice.
M	Sacrificed at an unscheduled interval.

Codes for Clinical Pathology

GENERAL CODES

NS	No sample
QS/QNS	Quantity not sufficient
NR	No repeat (sample volume not sufficient for repeat analysis)
FS	Fibrin strands
SC	Sample clotted
SH	Slightly hemolyzed
H	Hemolyzed
SL	Slightly lipemic
L	Lipemic
SI	Slightly icteric
I	Icteric
NF	Animal not fasted
U	Unscheduled/moribund bleed
DT/DOT	Animal died on test
DB	Died during bleeding
TJ	Technician judgment to repeat test
TE	Technical error (instrument or technician error that results in unacceptable data, e.g., unacceptable instrument output, sample spilled, entry of invalid data)
RE	Recording error (recorded incorrect data, e.g., wrong number, spelling error, incorrect date)
EE	Entry error (incorrect keyboard entry)
SE	Sampling error
PC	Platelets clumped
PD	Platelets decreased
PI	Platelets increased
PL	Platelets large
PA	Platelets appear adequate
CO	Color interferes with test
HB	Heinz bodies observed
PLASMO	Plasmodium
NO AGG	No aggregation
FR	Fractious
UTD	Unable to determine
NO COAG	No coagulation

Codes for Clinical Pathology (Continued)

RESULTS NOT INCLUDED IN STATISTICAL ANALYSES

Hemolyzed clinical chemistry or coagulation samples
Samples from animals at unscheduled intervals
Prothrombin times (PT) greater than 50 seconds
Activated partial thromboplastin times (PTT) greater than 110 seconds
Bleed times (BLETIME) greater than 30 minutes

CODES FOR BLOOD CELL MORPHOLOGY

The following scale was used to measure the degree of anisocytosis (ANISO), poikilocytosis (POIK), polychromasia (POLY), hypochromasia (HYPO), or basophilic stippling (BASTIP) or the presence of Howell-Jolly bodies (HJBODY), toxic neutrophils (TOXNEUT), or atypical lymphocytes (ATYPLYM):

Scale	Degree	Presence
-	Normal for the species	Not present
1	Slight	Rare
2	Moderate	Few
3	Marked	Moderate
4	Not applicable	Many

URINE APPEARANCE

Color			Clarity	Miscellaneous
A Pale	E Amber	I Black	J Clear	M Debris
B Straw	F Brown	P Blue/green	K Hazy	O Feces
C Yellow	G Red	Q Blue	L Cloudy	
D Dark yellow	H Green	R Orange		

Codes for Clinical Pathology (Continued)

URINE CHEMISTRY MULTISTIX® STRIP

Urine Glucose		Urine Ketone		Urine Blood	
-	Negative	-	Negative	-	Negative
+	100 mg/dL	+	5 mg/dL	+	Small
++	250 mg/dL	++	15 mg/dL	++	Moderate
+++	500 mg/dL	+++	40 mg/dL	+++	Large
++++	1,000 mg/dL	++++	80 mg/dL		
+++++	≥2,000 mg/dL	+++++	160 mg/dL		

Urine Urobilinogen		Urine Bilirubin	
-	0.2 mg/dL	-	Negative
+	1 mg/dL	+	Small
++	2 mg/dL	++	Moderate
+++	4 mg/dL	+++	Large
++++	8 mg/dL		

(1 mg = approximately 1 Ehrlich unit)

URINE SEDIMENT

Cells, Crystals, Casts, and Comments				Bacteria	
A	Amorphous urates	Q	Sperm	0	Not present
B	Amorphous phosphates	R	Fecal contamination	1	Few
C	Uric acid	S	Pinworm ova found	2	Moderate
D	Triple phosphates	T	Pinworm larvae found	3	Many
E	Calcium oxalate	U	Parasite ova found		
F	Calcium carbonate				
G	Granular casts				
H	Hyaline casts	0	Not present		
I	Cellular casts	1	1-5 per field		
J	Waxy casts	2	6-10 per field		
K	Unknown crystal	3	11-20 per field		
P	Mucous threads	4	>20 per field		

Abbreviations and Units for Clinical Hematology

Test	Abbreviation (Units)
Red blood cell count	RBC (E6/UL or $X10^6/\mu L$)
Hemoglobin	HGB (G/DL)
Hematocrit	HCT (%)
Mean corpuscular volume	MCV (FL)
Mean corpuscular hemoglobin	MCH (PG)
Mean corpuscular hemoglobin concentration	MCHC (%)
Platelet count	PLT (E3/UL or $X10^3/\mu L$)
Mean platelet volume	MPV (FL)
Reticulocyte count	RETIC (%)
Absolute reticulocyte count	RETIC (E3/UL or $X10^3/\mu L$)
Heinz body count	HEINZ (%)
Erythrocyte sedimentation rate	ESR (MM/HR)
Prothrombin time	PT (SEC)
Activated partial thromboplastin time	PTT (SEC)
Thrombin time	TT (SEC)
Activated coagulation time	ACT (SEC)
Fibrinogen	FBR (MG/DL)
Fibrin/fibrinogen degradation products	FDP (UG/ML)
Platelet aggregation	
Collagen	PAGG/COL (%)
Adenosine diphosphate	PAGG/ADP (%)
Alpha 2-antiplasmin	ANTIPLAS (%)
Bleeding time	BLE TIME (SEC)
Methemoglobin	METHGB (%)
Plasma hemoglobin	PLA HGB (MG/DL)
Myeloid/erythroid ratio	M/E RATIO
Estimated myeloid/erythroid ratio	EST M/E RATIO
White blood cell count	WBC (E3/UL or $X10^3/\mu L$)
Differential blood cell count	
Nucleated red blood cell count	NRBC (/100 WBC)
Corrected white blood cell count	COR WBC (E3/UL or $X10^3/\mu L$)
Segmented neutrophil count	N-SEG (E3/UL or $X10^3/\mu L$) and %
Band neutrophil count	N-BAND (E3/UL or $X10^3/\mu L$) and %
Lymphocyte count	LYMPH (E3/UL or $X10^3/\mu L$) and %
Monocyte count	MONO (E3/UL or $X10^3/\mu L$) and %
Eosinophil count	EOSIN (E3/UL or $X10^3/\mu L$) and %
Basophil count	BASO (E3/UL or $X10^3/\mu L$) and %
Anisocytosis	ANISO (-,1,2,3)
Polychromasia	POLY (-,1,2,3)

Abbreviations and Units for Clinical Hematology (Continued)

Test	Abbreviation (Units)
Poikilocytosis	POIK (-,1,2,3)
Hypochromasia	HYPO (-,1,2,3)
Howell-Jolly bodies	HJBODY (-,1,2,3,4)
Basophilic stippling	BASTIP (-,1,2,3)
Toxic neutrophils	TOXNEUT (-,1,2,3,4)
Atypical lymphocytes	ATYPLYM (-,1,2,3,4)
Aqueous white blood cell count (right eye)	R EYE (WBC/UL)
Aqueous white blood cell count (left eye)	L EYE (WBC/UL)

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Abbreviations and Units for Clinical Chemistry

Test	Abbreviation (Units)
Glucose	GLU (MG/DL)
Urea nitrogen	UN (MG/DL)
Urea	UREA (MG/DL)
Creatinine	CREAT (MG/DL)
Total protein	T PRO (G/DL)
Albumin	ALB (G/DL)
Globulin	GLOB (G/DL)
Albumin/globulin ratio	A/G RATIO
Total bilirubin	T BILI (MG/DL)
Direct bilirubin	D BILI (MG/DL)
Indirect bilirubin	I BILI (MG/DL)
Cholesterol	CHOL (MG/DL)
Triglyceride	TRIG (MG/DL)
Urea nitrogen/creatinine ratio	UN/CREAT (RATIO)
Total lipids	T LIPIDS (MG/DL)
Phospholipids	P LIPIDS (MG/DL)
High-density lipoprotein cholesterol	HDL (MG/DL)
Low-density lipoprotein cholesterol	LDL (MG/DL)
Uric acid	UA (MG/DL)
Aspartate aminotransferase	AST/SGOT (IU/L)
Alanine aminotransferase	ALT/SGPT (IU/L)
Alkaline phosphatase	ALK PHOS (IU/L)
Gamma glutamyl transferase	GGT (IU/L)
Sorbitol dehydrogenase	SDH (IU/L)
Lactate dehydrogenase	LDH (IU/L)
Creatine kinase	CK (IU/L)
Amylase	AMYLASE (IU/L)
Lipase	LIPASE (IU/L)
Palmitoyl CoA oxidase	PCOAO (IU/G)
Calcium	CA (MG/DL)
Ionized calcium	ION CA (MG/DL)
Inorganic phosphorus	I PHOS (MG/DL)
Sodium	NA (MMOL/L)
Potassium	K (MMOL/L)
Chloride	CL (MMOL/L)
Magnesium	MG (MEQ/L or MG/DL)
Zinc	ZN (MG/L or PPM)
Strontium	SR (MG/L or PPM)
Iron	FE (UG/DL)

Abbreviations and Units for Clinical Chemistry (Continued)

Test	Abbreviation (Units)
Excess iron	EX FE (UG/DL)
Total iron binding capacity	TIBC (UG/DL)
Unbound iron binding capacity	UIBC (UG/DL)
Percent iron saturation	FE %SAT (%)
Plasma cholinesterase	CHEP (MU/ML)
Red blood cell cholinesterase	CHER (MU/ML)
Brain cholinesterase	CHEB (MU/ML)
Caudate putamen	CAUD PUT (UMOL/G)
Hippocampus	HIPPOCAM (UMOL/G)
Frontal cortex	F CORTEX (UMOL/G)
Cerebellum	CEREBELL (UMOL/G)
Bicarbonate	BICARB (MMOL/L)
Serum hemoglobin	SER HGB (MG/DL)
Serum bile acids	SBA (UMOL/L or MG/DL)
Fecal bile acids	FBA (UG/ML)
Average fecal weight	FCC WGT (G)
Fecal bile acids (calculation)	FBA (MG/Day)
Osmolality	OSMO (MOSM/KG)
Electrophoresis	
Albumin	E ALB (G/DL)
Alpha-1-globulin	E A-1 (G/DL)
Alpha-2-globulin	E A-2 (G/DL)
Beta globulin	E BETA (G/DL)
Gamma globulin	E GAMMA (G/DL)
High-density lipoprotein	E-HDL (%)
Low-density lipoprotein	E-LDL (%)
Very-low-density lipoprotein	E-VLDL (%)
Insulin	INSULIN (UU/ML)
Adrenocorticotropic hormone	ACTH (PG/ML)
Cortisol	CORTISOL (UG/ML)
Glucagon	GLUCAGON (PG/ML)
Triiodothyronine	T3 (NG/DL)
Thyroxine	T4 (UG/DL)
Creatine kinase isoenzymes	
BB	CK-BB (U/L)
MB	CK-MB (U/L)
MM	CK-MM (U/L)

Abbreviations and Units for Clinical Urinalysis

Test	Abbreviation (Units)
Urine volume	U VOL (ML)
8 hour urine volume	8 HR VOL (ML)
Specific gravity	SP GR
Urine osmolality	U OSMO (MOSM/KG)
Quantitative urinary/cerebrospinal fluid protein	QUAN PRO (MG/DL)
Urine protein excretion	PRO EXC (MG)
Urine chemistry Multistix® strip	
Urine pH	U PH
Urine protein	U PRO (MG/DL)
Urine glucose	U GLU
Urine ketones	U KET
Urine bilirubin	U BILI
Urine blood	U BLOOD
Urine urobilinogen	UROBILI
Urine reducing substances	U RE SUB
Microscopic examination of urine sediment	
Red blood cells per high-power field	RBC (PER HPF)
White blood cells per high-power field	WBC (PER HPF)
Epithelial cells per high-power field	EPITH (PER HPF)
Bacteria per high-power field	BACT (PER HPF)
Casts per low-power field	CASTS (PER LPF)
Crystals per low-power field	CRYSTALS (PER LPF1 or PER LPF2)
Urine appearance	URINE APP1 or URINE APP2
Comments	COMMENTS

Miscellaneous Codes and Abbreviations for Clinical Pathology

Fecal occult blood	Not applicable
Fecal parasite detection	Not applicable
Hemolytic potential	Not applicable
Osmolality	OSMO (MOSM/KG)

Codes for Anatomic Pathology

Code	Definition

ANIMAL DEATH CODES

1	Interim sacrifices 1
T	Terminal sacrifice
M	Sacrificed at an unscheduled interval

MACROSCOPIC CODES

EX	Indicates that organ weight is excluded from calculations
NOT TAKEN	Organ weight not taken; explanation given in necropsy notes
MISSING	Organ missing or lost
UNSUITABLE	Organ technically unsuitable for weighing
AUTOLYTIC	Organ autolyzed and could not be weighed
EXCLUDE	Weight was taken, but was excluded from all calculations

MICROSCOPIC CODES

Codes Prefacing Neoplastic Findings

B-	Primary, benign neoplasm
M-	Primary, malignant neoplasm
N-	Metastatic neoplasm
I-	Locally invasive neoplasm
X-	Other neoplasm

Code	Definition

Distribution of Findings

Focal
Diffuse
Multifocal

Codes for Anatomic Pathology (Continued)

Grades for Severity or Amount

1	Minimal - the least amount of change that can be observed with the light microscope
2	Slight - less than average amount of change, but readily discernible as abnormal
3	Moderate - the average amount of change that is expected for a lesion
4	Moderately severe (marked) - a marked amount of change with possible loss of function of the affected cells or organs
5	Severe - a great amount of change with probable loss of function of the affected cell or organs and frequently involves large areas of the organ

Other Microscopic Codes

TL	Total
P	Finding present
-	Finding not present
MN	Mean

TISSUE ABBREVIATIONS

Abbreviation	Definition
LN	Lymph node
GL	Gland
STOMACH, GL	Glandular stomach
STOMACH, NONGL	Nonglandular
SALIV GL, MANDIB	Mandibular salivary gland
LN, ANT MES/PANC	Anterior mesenteric/pancreatic lymph node
AUDITORY SEB GL	Auditory sebaceous gland
LACRIMAL GLAND, EX	Exorbital lacrimal gland
HEMATO NEOPLASIA	Hematopoietic neoplasia
LACRIMAL GL, INT	Internal lacrimal gland
CAVITY, ABDOM	Abdominal cavity
SALIV GL,PAROTID	Parotid salivary gland
LN, TRACHEOBRON	Tracheobronchial lymph node

Table 1

Results of Homogeneity Analyses (ppm)
Mixed 8/20/98

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T6314) IN RATS

Samples Location	Replicate	T6314 (ppm) 3	30	100
Top	1	2.19	33.7	79.4
	2	2.43	27.8	76.5
	3	2.09	25.6	76.7
	Mean	2.24 (74.7)[a]	29.0 (96.7)	77.5 (77.5)
Middle	1	2.24	25.2	75.0
	2	2.27	25.3	79.7
	3	2.14	25.1	89.5
	Mean	2.22 (74.0)	25.2 (84.0)	81.4 (81.4)
Bottom	1	2.03	23.7	83.2
	2	3.04	27.6	81.6
	3	1.94	29.4	87.8
	Mean	2.34 (78.0)	26.9 (89.7)	84.2 (84.2)

a Each value in parenthesis is the percent of theoretical.

Table 2

Results of Stability Analyses (ppm)
Mixed 8/20/98

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T6314) IN RATS

Storage Conditions		T6314 (ppm)	
	Replicate	1	500
Initial	1	1.88	415
	2	0.954	468
	Mean	1.42 (142)	442 (88.4)[a]
19 day, room temperature	1	0.733	-
	2	0.811	-
	Mean	0.772 (77.2)	-
32 day, room temperature	1	-	444
	2	-	425
	Mean	-	435 (87.0)
32 day, room temperature[b]	1	0.709	-
	2	0.850	-
	Mean	0.780 (78.0)	-
8 week, frozen	1	0.779	-
	2	0.995	-
	Mean	0.887 (88.7)	-

a Each value in the parenthesis is the percent of theoretical.
b Reinjected

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Table 2 (Continued)

Results of Stability Analyses (ppm)
Mixed 9/24/98

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T6314) IN RATS

		T6314 (ppm)	
Storage Conditions	Replicate	500	1
Initial	1	-	0.788
	2	-	0.656
	Mean	-	0.722 (72.2)[a]
19 day, room temperature	1	-	0.707
	2	-	0.651
	Mean	-	0.679 (67.9)
32 days, room temperature	1	-	0.688
	2	-	0.657
	Mean	-	0.673 (67.3)

a Each value in the parenthesis is the percent of theoretical.

Table 2 (Continued)

Results of Stability Analyses (ppm)
Mixed 10/22/98

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T6314) IN RATS

		T6314 (ppm)
Storage Conditions	Replicate	3
Initial	1	2.24
	2	2.49
	Mean	2.37 (79.0)[a]
19 day, room temperature	1	1.89
	2	2.33
	Mean	2.11 (70.3)

a Each value in the parenthesis is the percent of theoretical.

Table 3

Results of Dose Preparation Analyses (ppm)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

		T-6314 (ppm)			
Week	Replicate	0	3	30	100
1-4	1	a	2.16	29.7	87.3
	2	a	2.12	27.0	85.2
	Mean	-	2.14 (71.3)[b]	28.4 (94.7)	86.3 (86.3)
1-4[c]	1	-	1.98	-	-
	2	-	1.84	-	-
	Mean	-	1.91 (63.7)	-	-
1-4[d]	1	-	2.48	-	-
	2	-	2.28	-	-
	Mean	-	2.38 (79.3)	-	-
5-8	1	a	3.55	27.9	89.3
	2	a	3.05	27.0	82.3
	Mean	a	3.30 (110)	27.5 (91.7)	85.8 (85.8)
9/12	1	a	2.24	27.6	89.7
	2	a	2.49	26.8	87.2
	Mean	a	2.37 (79.0)	27.2 (90.7)	88.5 (88.5)
13/14	1	a	2.51	26.2	98.1
	2	a	2.42	26.4	98.7
	Mean	a	2.47 (82.3)	26.3 (87.7)	98.4 (98.4)

a Below the limit of quantitation (<0.5 ppm).
b Each value in parenthesis is the percent of theoretical.
c Retest.
d Retention.

000058

Table 4

Summary of Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DAYS 1-93

NUMBER OF ANIMALS AFFECTED

CATEGORY / KEYWORD / QUALIFIER	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
	NUMBER:	20	20	20	20	20	20	20	20
*** TOP OF LIST ***									
APPEARANCE									
LIMITED USE									
LIMB-HIND-LEFT		0	0	0	0	1	0	0	0
MALOCCLUSION		3	6	3	4	1	3	3	1
MISSING									
TAIL-DISTAL		0	0	0	0	0	0	0	1
TEETH		0	0	0	1	0	0	0	0
SWOLLEN									
LIMB-HIND-LEFT		0	0	0	0	1	0	0	0
THIN		0	1	0	0	0	0	0	0
DISCHARGE									
GENITAL									
RED IN COLOR		1	0	0	0	0	0	0	0
NASAL									
RED IN COLOR		0	0	0	1	0	0	0	0
EYES									
RED DISCHARGE									
EYES		0	0	0	1	0	0	0	0
RESPIRATION									
AUDIBLE		0	0	0	1	0	0	0	0

650000

Table 4

Summary of Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DAYS 1-93

NUMBER OF ANIMALS AFFECTED

CATEGORY / KEYWORD / QUALIFIER	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
	NUMBER:	20	20	20	20	20	20	20	20
SKIN & PELAGE									
BLACK SKIN									
TAIL-DISTAL		1	0	0	0	0	0	0	0
SORE/SCAB									
MOUTH		0	0	0	0	0	0	1	0
TAIL		0	0	0	0	0	1	0	0
YELLOW HAIR COAT									
PENIS		0	0	1	0	0	0	0	0

*** END OF LIST ***

Table 5

Summary of Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

WEEK 14

		NUMBER OF ANIMALS AFFECTED							
	SEX:	-------MALE-------				------FEMALE------			
	GROUP:	1	2	3	4	1	2	3	4
CATEGORY	DOSE:	0	3	30	100	0	3	30	100
KEYWORD									
QUALIFIER	NUMBER:	15	15	15	15	15	15	15	15
*** TOP OF LIST ***									
CONJUNCTIVA									
CONJUNCTIVITIS									
EYES		0	1	0	0	0	0	0	0
EYE-LEFT		0	0	0	1	0	0	0	0
RETINA									
RETINAL DEGENERATION-FOCAL									
EYE-RIGHT		0	0	1	0	0	0	0	0
*** END OF LIST ***									

T90000

Table 6

Summary of Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1	N	20	20	20	20	20	20	20	20
	MEAN	210	211	211	208	159	159	160	158
	S.D.	11.2	10.2	11.7	11.9	10.0	11.6	9.2	10.3
2	N	20	20	20	20	20	20	20	20
	MEAN	263	263	263	258	185	180	183	178
	S.D.	16.0	13.4	13.8	13.1	11.9	15.5	11.8	12.6
3	N	20	20	20	20	20	20	20	20
	MEAN	313	314	313	303	203	200	203	194
	S.D.	21.5	16.6	17.1	15.9	16.0	25.0	15.2	17.5
4	N	20	20	20	20	20	20	20	20
	MEAN	355	355	351	335*	224	222	223	207*
	S.D.	25.1	19.9	20.5	18.5	17.4	23.3	14.1	16.6
5	N	20	20	20	20	20	20	20	20
	MEAN	385	382	378	359*	236	230	233	215*
	S.D.	28.6	20.5	21.6	21.4	21.7	23.1	14.6	16.2
6	N	15	15	15	15	15	15	15	15
	MEAN	410	401	393	378*	247	237	235	223*
	S.D.	24.4	23.9	21.1	19.2	22.9	27.3	14.7	21.0
7	N	15	15	15	15	15	15	15	15
	MEAN	435	424	414*	403*	255	244	245	229*
	S.D.	24.5	26.8	23.2	21.8	25.5	25.3	14.5	21.9

2300000

Table 6

Summary of Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
8	N	15	15	15	15	15	15	15	15
	MEAN	452	439	428*	416*	259	245	248	231*
	S.D.	26.9	27.0	28.6	22.9	26.8	26.5	14.9	22.5
9	N	15	15	15	15	15	15	15	15
	MEAN	475	461	448*	430*	267	256	257	238*
	S.D.	28.1	25.8	28.4	24.6	26.3	26.9	17.6	22.3
10	N	15	15	15	15	15	14	15	15
	MEAN	490	475	460*	442*	275	259	263	241*
	S.D.	29.7	28.4	30.2	23.7	29.2	23.6	16.8	22.6
11	N	15	15	15	15	15	14	15	15
	MEAN	503	485	471*	453*	281	264	266	245*
	S.D.	33.0	31.9	31.9	24.9	31.3	26.9	16.1	23.7
12	N	15	15	15	15	15	14	15	15
	MEAN	516	496	480*	462*	287	266	270	246*
	S.D.	34.1	30.6	33.8	24.8	33.2	25.7	18.0	24.3
13	N	15	15	15	15	15	14	15	15
	MEAN	532	510	490*	471*	293	273	274	250*
	S.D.	36.1	30.0	30.1	25.1	36.2	29.3	19.6	24.5
14	N	15	15	15	15	15	14	15	15
	MEAN	547	521	491*	481*	300	280	279	254*
	S.D.	38.6	27.6	37.1	25.3	35.9	26.7	19.3	24.5

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Table 7

Summary of Body Weight Change Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1-2	N	20	20	20	20	20	20	20	20
	MEAN	53	52	53	50	26	21	23	20
	S.D.	6.5	5.4	4.6	3.8	6.7	11.7	5.7	6.1
2-3	N	20	20	20	20	20	20	20	20
	MEAN	49	51	49	45*	19	20	21	16
	S.D.	9.3	5.6	5.0	4.6	8.5	13.3	8.0	7.4
3-4	N	20	20	20	20	20	20	20	20
	MEAN	42	41	39	32*	21	22	19	13*
	S.D.	10.4	5.5	5.2	4.1	9.3	15.9	6.8	7.1
4-5	N	20	20	20	20	20	20	20	20
	MEAN	31	27	26	24*	11	8	10	8
	S.D.	7.6	3.6	4.9	6.1	7.6	7.0	4.6	4.9
5-6	N	15	15	15	15	15	15	15	15
	MEAN	19	17	17	14	7	12	5	7
	S.D.	7.8	3.9	4.7	4.9	6.8	5.6	4.9	4.4
6-7	N	15	15	15	15	15	15	15	15
	MEAN	26	23	21*	24	9	6	10	6
	S.D.	3.3	4.4	3.6	6.2	5.3	5.0	3.7	3.8
7-8	N	15	15	15	15	15	15	15	15
	MEAN	16	15	14	13	4	2	4	2
	S.D.	4.3	4.9	8.1	3.8	5.1	3.5	3.5	4.6

630000

Table 7

Summary of Body Weight Change Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
8-9	N	15	15	15	15	15	15	15	15
	MEAN	23	22	20	14*	8	11	9	7
	S.D.	3.9	4.3	3.7	10.3	7.1	3.5	4.9	3.1
9-10	N	15	15	15	15	15	14	15	15
	MEAN	16	15	12	12	7	5	6	3
	S.D.	5.4	4.9	5.7	7.5	6.3	3.8	4.4	2.5
10-11	N	15	15	15	15	15	14	15	15
	MEAN	12	10	11	11	6	5	3	3
	S.D.	4.7	19.0	4.1	3.1	4.7	5.5	5.2	2.8
11-12	N	15	15	15	15	15	14	15	15
	MEAN	13	10	9*	9*	6	2	4	2
	S.D.	5.1	11.5	4.3	2.5	5.9	4.3	4.5	4.8
12-13	N	15	15	15	15	15	14	15	15
	MEAN	16	15	10*	9*	6	8	4	4
	S.D.	4.2	6.3	10.6	4.0	7.2	5.6	5.7	2.8
13-14	N	15	15	15	15	15	14	15	15
	MEAN	15	10	1	10	6	6	5	3
	S.D.	5.0	5.0	29.5	3.0	7.7	7.7	5.4	4.1
1-14	N	15	15	15	15	15	14	15	15
	MEAN	338	307*	282*	270*	141	121*	120*	96*
	S.D.	35.8	27.0	35.5	21.5	30.7	17.8	14.9	17.0

530065

Table 8

Summary of Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1	N	20	20	20	20	19	16	17	18
	MEAN	169	168	171	168	126	127	138	122
	S.D.	12.3	9.6	13.8	8.6	13.5	16.5	24.9	19.5
2	N	19	19	19	20	19	16	13	16
	MEAN	176	177	178	176	130	124	137	116
	S.D.	12.9	11.6	11.3	9.1	15.6	24.3	17.1	14.3
3	N	20	19	20	19	19	16	16	19
	MEAN	181	183	186	173	138	135	144	115*
	S.D.	16.2	16.5	14.6	8.0	16.7	16.8	18.7	13.3
4	N	18	19	20	20	17	16	13	20
	MEAN	186	186	191	176	135	134	138	121*
	S.D.	14.3	13.6	15.7	10.8	17.7	14.6	10.7	17.2
5	N	15	14	14	15	14	12	8	15
	MEAN	177	176	172	166	129	122	122	115
	S.D.	20.5	14.7	13.4	9.4	16.1	17.1	7.4	15.6
6	N	15	15	15	15	12	13	12	15
	MEAN	191	190	190	182	138	131	150	121*
	S.D.	14.7	17.5	22.8	9.4	18.8	13.7	20.5	14.1
7	N	14	15	15	15	12	12	6	14
	MEAN	191	192	184	182	144	138	136	117*
	S.D.	17.7	15.4	23.2	8.5	15.1	21.1	6.9	13.8

930000

Table 8

Summary of Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE				FEMALE			
	GROUP:	1	2	3	4	1	2	3	4
	DOSE:	0	3	30	100	0	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
8	N	13	12	14	15	12	12	11	14
	MEAN	185	188	179	176	134	136	138	120
	S.D.	10.9	12.6	15.2	10.0	19.8	12.0	11.0	15.6
9	N	15	15	15	15	11	12	9	14
	MEAN	190	189	180	175	130	131	146	118
	S.D.	20.8	16.6	19.6	9.2	17.1	13.4	32.1	15.7
10	N	14	15	15	15	13	13	12	14
	MEAN	187	180	176	174	139	128	143	115
	S.D.	24.3	27.5	18.8	10.2	36.5	19.2	29.6	13.9
11	N	14	15	14	14	10	12	11	13
	MEAN	191	183	176	173	136	124	145	112*
	S.D.	29.7	17.5	22.1	9.7	22.8	11.9	32.6	12.5
12	N	13	15	15	15	13	13	15	14
	MEAN	185	181	175	173	137	129	146	114*
	S.D.	14.6	19.4	19.4	11.3	29.3	15.2	38.0	13.3
13	N	13	15	15	15	11	11	13	14
	MEAN	187	178	160	168*	133	120	143	119
	S.D.	20.7	12.3	46.1	8.9	26.4	17.2	34.8	26.4
1-13	N	9	10	13	13	8	4	4	10
	MEAN	2397	2329	2271	2283	1769	1667	1683	1505*
	S.D.	102.5	115.5	145.8	77.0	182.0	184.7	24.1	173.4

290000

Table 9

Summary of Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE			FEMALE		
	GROUP:	2	3	4	2	3	4
	DOSE:	3	30	100	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
1	N	20	20	20	16	17	18
	MEAN	0.304	3.094	10.291	0.319	3.395	10.378
	S.D.	0.017	0.242	0.471	0.040	0.601	1.400
2	N	19	19	20	16	13	16
	MEAN	0.263	2.649	8.941	0.273	3.028	8.867
	S.D.	0.012	0.125	0.331	0.042	0.512	1.027
3	N	19	20	19	16	16	19
	MEAN	0.235	2.394	7.794	0.269	2.861	8.142
	S.D.	0.015	0.126	0.276	0.027	0.393	0.679
4	N	19	20	20	16	13	20
	MEAN	0.216	2.243	7.238	0.252	2.570	8.219
	S.D.	0.010	0.137	0.335	0.015	0.170	0.997
5	N	14	14	15	12	8	15
	MEAN	0.192	1.920	6.399	0.226	2.262	7.464
	S.D.	0.014	0.132	0.350	0.012	0.188	0.685
6	N	15	15	15	13	12	15
	MEAN	0.198	2.017	6.660	0.236	2.662	7.675
	S.D.	0.017	0.176	0.231	0.030	0.337	0.703
7	N	15	15	15	12	6	14
	MEAN	0.191	1.873	6.343	0.247	2.348	7.325
	S.D.	0.015	0.152	0.186	0.051	0.140	0.627

890000

Table 9

Summary of Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE			FEMALE		
	GROUP:	2	3	4	2	3	4
	DOSE:	3	30	100	3	30	100
WEEK	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
8	N	12	14	15	12	11	14
	MEAN	0.178	1.764	5.946	0.232	2.335	7.243
	S.D.	0.010	0.097	0.210	0.023	0.212	0.492
9	N	15	15	15	12	9	14
	MEAN	0.173	1.694	5.749	0.218	2.394	6.995
	S.D.	0.014	0.116	0.216	0.016	0.686	0.545
10	N	15	15	15	13	12	14
	MEAN	0.160	1.618	5.554	0.209	2.310	6.721
	S.D.	0.023	0.112	0.211	0.021	0.545	0.481
11	N	15	14	14	12	11	13
	MEAN	0.160	1.582	5.369	0.197	2.274	6.529
	S.D.	0.014	0.138	0.281	0.016	0.516	0.456
12	N	15	15	15	13	15	14
	MEAN	0.155	1.544	5.301	0.206	2.319	6.494
	S.D.	0.015	0.122	0.248	0.022	0.680	0.484
13	N	15	15	15	11	13	14
	MEAN	0.148	1.390	5.054	0.184	2.204	6.700
	S.D.	0.012	0.387	0.196	0.020	0.601	1.173
1-13	MEAN	0.203	2.041	6.844	0.240	2.588	7.702

690000

Table 10

Summary of Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
0								
	MEAN	8.18	16.2	47.0	57.4	19.8	34.5	1173
	S.D.	.424	.66	2.04	1.97	.42	.61	61.5
	N	10	10	10	10	10	10	10
3								
	MEAN	8.14	16.4	47.5	58.4	20.1	34.4	1151
	S.D.	.427	.47	1.70	1.77	.73	.51	136.0
	N	10	10	10	10	10	10	10
30								
	MEAN	8.24	16.3	47.1	57.2	19.8	34.7	1038 *
	S.D.	.477	.38	1.64	1.93	.81	.52	96.9
	N	10	10	10	10	10	10	10
100								
	MEAN	7.99	15.9	46.0	57.6	19.9	34.5	1081
	S.D.	.303	.71	1.71	1.86	.76	.45	112.7
	N	10	10	10	10	10	10	10

020000

Table 10

Summary of Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
0												
	MEAN	9.1	.6	7.9	.4	.1	.0	7	87	5	1	0
	S.D.	1.96	.14	1.86	.15	.03	.00	2.1	2.2	1.3	.3	.3
	N	10	10	10	10	10	10	10	10	10	10	10
3												
	MEAN	9.1	.6	8.0	.4	.1	.0	6	88	5	1	0
	S.D.	1.74	.10	1.64	.20	.05	.00	1.6	3.5	1.9	.7	.0
	N	10	10	10	10	10	10	10	10	10	10	10
30												
	MEAN	10.0	.5	9.0	.4	.1	.0	5	90	4	1	0
	S.D.	2.48	.15	2.27	.13	.06	.04	1.4	1.8	1.1	.3	.4
	N	10	10	10	10	10	10	10	10	10	10	10
100												
	MEAN	10.7	.9	9.0	.6	.1	.0	9	84	6	1	0
	S.D.	3.51	.40	3.17	.20	.03	.05	3.6	4.2	1.3	.3	.5
	N	10	10	10	10	10	10	10	10	10	10	10

Table 10

Summary of Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
0								
	MEAN	7.70	15.7	45.4	59.1	20.4	34.5	1114
	S.D.	.214	.51	1.31	1.45	.68	.43	104.4
	N	10	10	10	10	10	10	10
3								
	MEAN	8.03	16.0	46.1	57.6	20.0	34.7	1178
	S.D.	.488	.61	2.08	1.95	.76	.64	82.3
	N	10	10	10	10	10	10	10
30								
	MEAN	7.98	16.0	45.8	57.4	20.0	35.0	1123
	S.D.	.357	.55	1.91	1.48	.56	.37	121.8
	N	10	10	10	10	10	10	10
100								
	MEAN	7.89	15.5	44.7	56.6 *	19.6	34.7	1058
	S.D.	.326	.54	1.62	1.28	.34	.71	217.2
	N	10	10	10	10	10	10	10

27.0000

Table 10

Summary of Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
0												
	MEAN	6.3	.4	5.4	.3	.0	.0	7	87	5	1	0
	S.D.	1.59	.29	1.32	.15	.05	.00	3.1	4.5	1.5	.3	.3
	N	10	10	10	10	10	10	10	10	10	10	10
3												
	MEAN	7.4	.5	6.5	.2	.1	.0	7	88	4	1	0
	S.D.	2.21	.20	2.20	.12	.07	.00	3.2	4.0	1.6	.7	.0
	N	10	10	10	10	10	10	10	10	10	10	10
30												
	MEAN	7.3	.5	6.4	.3	.1	.0	8	87	4	1	0
	S.D.	2.42	.19	2.24	.19	.05	.00	4.4	5.4	1.8	.3	.0
	N	10	10	10	10	10	10	10	10	10	10	10
100												
	MEAN	7.3	.5	6.4	.4	.1	.0	7	87	5	1	0
	S.D.	2.09	.18	1.96	.27	.04	.03	3.7	4.5	2.3	.3	.3
	N	10	10	10	10	10	10	10	10	10	10	10

000073

Table 11

Summary of Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
0								
	MEAN	8.56	15.3	47.0	54.9	17.8	32.5	1122
	S.D.	.463	.71	2.00	1.43	.40	.40	119.5
	N	10	10	10	10	10	10	10
3								
	MEAN	8.42	15.3	46.7	55.6	18.2	32.7	1060
	S.D.	.657	.67	2.02	2.31	.77	.32	73.0
	N	10	10	10	10	10	10	10
30								
	MEAN	8.68	15.2	46.8	54.0	17.6	32.7	1000
	S.D.	.535	.56	1.99	1.79	.82	.71	140.3
	N	10	10	10	10	10	10	10
100								
	MEAN	8.25	14.6	44.3 *	53.7	17.7	33.0	1011
	S.D.	.273	.71	1.92	1.39	.56	.30	138.4
	N	10	10	10	10	10	10	10

Table 11

Summary of Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
0												
	MEAN	6.9	.9	5.4	.5	.1	.0	13	78	7	2	0
	S.D.	.88	.28	.85	.14	.03	.00	4.0	4.3	1.9	.5	.4
	N	10	10	10	10	10	10	10	10	10	10	10
3												
	MEAN	6.7	1.0	5.1	.4	.1	.0	15	76	7	2	0
	S.D.	1.48	.23	1.35	.18	.05	.00	3.4	5.6	2.8	.6	.3
	N	10	10	10	10	10	10	10	10	10	10	10
30												
	MEAN	7.7	.9	6.2	.4	.1	.0	13	80	5	1	0
	S.D.	2.68	.24	2.57	.14	.05	.00	4.7	5.6	2.1	.7	.0
	N	10	10	10	10	10	10	10	10	10	10	10
100												
	MEAN	7.2	1.1	5.6	.4	.1	.0	16	77	5	1	0
	S.D.	2.63	.35	2.13	.23	.05	.03	2.8	2.9	1.7	.4	.3
	N	10	10	10	10	10	10	10	10	10	10	10

000075

Table 11

Summary of Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
0								
	MEAN	7.76	14.8	45.1	58.1	19.0	32.7	1016
	S.D.	.178	.45	.95	1.13	.54	.40	103.3
	N	10	10	10	10	10	10	10
3								
	MEAN	8.07	15.1	46.1	57.1	18.7	32.7	1073
	S.D.	.330	.75	1.97	1.70	.63	.49	108.7
	N	9	9	9	9	9	9	9
30								
	MEAN	8.09 *	15.1	46.2	57.2	18.7	32.7	980
	S.D.	.343	.56	1.77	1.57	.52	.22	97.8
	N	10	10	10	10	10	10	10
100								
	MEAN	7.69	14.2	43.1 *	56.1 *	18.5	33.0	1056
	S.D.	.289	.67	1.91	1.26	.49	.37	110.7
	N	10	10	10	10	10	10	10

9200000

Table 11

Summary of Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
0												
	MEAN	4.0	.8	3.0	.2	.1	.0	19	74	5	2	0
	S.D.	.95	.47	.69	.12	.03	.00	8.5	8.8	2.8	.6	.4
	N	10	10	10	10	10	10	10	10	10	10	10
3												
	MEAN	4.7	.7	3.7	.3	.1	.0	15	77	6	2	0
	S.D.	1.27	.18	1.27	.05	.00	.00	5.3	6.4	1.3	.8	.0
	N	9	9	9	9	9	9	9	9	9	9	9
30												
	MEAN	5.7	1.0	4.4	.3 *	.1	.0	17	76	5	1 *	0
	S.D.	1.08	.49	1.10	.10	.00	.03	7.6	8.0	1.7	.5	.3
	N	10	10	10	10	10	10	10	10	10	10	10
100												
	MEAN	4.7	.6	3.8	.2	.1	.0	14	80	4	2	0
	S.D.	2.03	.28	1.89	.09	.04	.00	7.0	8.4	1.8	.7	.3
	N	10	10	10	10	10	10	10	10	10	10	10

220000

Table 12

Summary of Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
0										
	MEAN	103	11	.6	6.9	4.7	2.2	.2	59	45
	S.D.	5.7	1.9	.07	.39	.23	.26	.00	15.4	18.3
	N	10	10	10	10	10	10	10	10	10
3										
	MEAN	114	11	.6	6.9	4.7	2.1	.2	58	55
	S.D.	14.1	1.4	.05	.23	.19	.14	.00	12.1	18.8
	N	10	10	10	10	10	10	10	10	10
30										
	MEAN	106	12	.6	6.6	4.7	2.0 *	.2	54	40
	S.D.	15.6	1.7	.03	.22	.14	.19	.03	10.6	10.4
	N	10	10	10	10	10	10	10	10	10
100										
	MEAN	106	13 *	.6	6.7	4.7	2.0 *	.2	44	25 *
	S.D.	17.5	1.6	.07	.29	.21	.18	.00	14.1	9.9
	N	10	10	10	10	10	10	10	10	10

87.0000

Table 12

Summary of Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0									
	MEAN	103	32	0	10.9	9.5	147	6.2	105
	S.D.	18.9	3.6	.5	.47	.61	1.3	.39	2.3
	N	10	10	10	10	10	10	10	10
3									
	MEAN	96	33	0	10.8	9.8	147	6.2	105
	S.D.	16.1	4.6	.5	.19	.71	1.6	.42	1.6
	N	10	10	10	10	10	10	10	10
30									
	MEAN	101	32	0	10.5	9.0	148	6.1	106
	S.D.	18.3	3.8	.7	.30	.78	1.2	.52	1.2
	N	10	10	10	10	10	10	10	10
100									
	MEAN	97	40 *	0	10.6	9.0	147	6.1	105
	S.D.	12.2	4.5	.3	.42	1.02	2.5	.46	2.5
	N	10	10	10	10	10	10	10	10

62.0000

Table 12

Summary of Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
0										
	MEAN	108	12	.7	7.4	5.3	2.1	.2	68	30
	S.D.	9.2	1.2	.03	.31	.21	.24	.05	11.9	8.1
	N	10	10	10	10	10	10	10	10	10
3										
	MEAN	108	12	.7	7.4	5.3	2.1	.2	69	28
	S.D.	8.9	2.1	.04	.47	.39	.24	.00	12.0	8.9
	N	10	10	10	10	10	10	10	10	10
30										
	MEAN	108	12	.7	7.3	5.3	1.9	.2	64	28
	S.D.	10.0	1.5	.03	.34	.29	.19	.03	9.7	6.9
	N	10	10	10	10	10	10	10	10	10
100										
	MEAN	95 *	14	.6	7.2	5.3	1.9	.2	53	26
	S.D.	12.0	1.5	.07	.41	.28	.23	.00	21.7	9.3
	N	10	10	10	10	10	10	10	10	10

080000

Table 12

Summary of Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0									
	MEAN	99	28	0	10.8	7.9	146	6.0	105
	S.D.	15.3	4.8	.5	.52	.65	1.3	.31	1.2
	N	10	10	10	10	10	10	10	10
3									
	MEAN	93	27	0	10.7	8.2	147	5.8	105
	S.D.	7.5	4.9	.7	.40	.77	1.6	.39	1.4
	N	10	10	10	10	10	10	10	10
30									
	MEAN	93	28	1	10.8	7.7	146	6.0	104
	S.D.	14.0	3.5	1.1	.38	1.07	1.9	.60	1.9
	N	10	10	10	10	10	10	10	10
100									
	MEAN	93	30	1	10.6	8.2	147	5.8	106
	S.D.	16.0	5.8	.8	.32	1.06	2.0	.52	2.6
	N	10	10	10	10	10	10	10	10

T80000

Table 12

Summary of Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		PCOAO IU/G
0		
	MEAN	12
	S.D.	3.6
	N	5
3		
	MEAN	13
	S.D.	2.1
	N	5
30		
	MEAN	8
	S.D.	4.3
	N	5
100		
	MEAN	9
	S.D.	1.9
	N	5

280000

Table 12

Summary of Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		PCOAO IU/G
0		
	MEAN	7
	S.D.	2.5
	N	5
3		
	MEAN	5
	S.D.	2.9
	N	5
30		
	MEAN	7
	S.D.	3.3
	N	5
100		
	MEAN	11
	S.D.	2.7
	N	5

080083

Table 13

Summary of Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
0										
	MEAN	117	13	.8	7.2	4.7	2.5	.2	69	59
	S.D.	8.2	2.1	.05	.34	.24	.21	.05	15.2	22.2
	N	10	10	10	10	10	10	10	10	10
3										
	MEAN	119	12	.7	7.0	4.7	2.3	.1	57	56
	S.D.	7.9	2.1	.05	.34	.20	.21	.05	17.4	23.3
	N	10	10	10	10	10	10	10	10	10
30										
	MEAN	113	14	.8	6.8	4.6	2.1 *	.2	49 *	36 *
	S.D.	9.7	2.0	.07	.57	.35	.30	.05	15.1	10.3
	N	10	10	10	10	10	10	10	10	10
100										
	MEAN	128 *	15 *	.7	7.2	5.2 *	2.0 *	.2	26 *	17 *
	S.D.	11.3	1.4	.05	.39	.29	.26	.05	12.1	5.2
	N	10	10	10	10	10	10	10	10	10

000084

Table 13

Summary of Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0									
	MEAN	89	38	2	10.7	6.6	150	6.1	109
	S.D.	18.4	5.1	1.3	.49	.65	2.5	.31	3.4
	N	10	10	10	10	10	10	10	10
3									
	MEAN	86	41	2	10.6	6.5	150	6.1	109
	S.D.	9.7	6.4	.7	.26	.29	2.2	.28	3.1
	N	10	10	10	10	10	10	10	10
30									
	MEAN	91	38	2	10.2 *	6.5	149	6.2	108
	S.D.	16.7	7.0	1.3	.40	.58	2.2	.36	3.0
	N	10	10	10	10	10	10	10	10
100									
	MEAN	91	60 *	2	10.4	6.9	150	6.4	109
	S.D.	14.3	21.6	.7	.30	.39	2.6	.48	3.8
	N	10	10	10	10	10	10	10	10

080085

Table 13

Summary of Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
0										
	MEAN	119	12	.8	7.9	5.8	2.1	.2	73	43
	S.D.	10.6	2.0	.07	.50	.41	.31	.03	12.6	16.8
	N	10	10	10	10	10	10	10	10	10
3										
	MEAN	121	13	.8	7.7	5.6	2.1	.2 *	69	38
	S.D.	8.0	2.1	.07	.53	.42	.24	.05	9.4	21.5
	N	9	9	9	9	9	9	9	9	9
30										
	MEAN	110	14	.8	8.0	5.8	2.2	.2	70	36
	S.D.	7.0	1.8	.07	.42	.24	.28	.03	9.9	12.7
	N	10	10	10	10	10	10	10	10	10
100										
	MEAN	110	17 *	.8	8.2	6.0	2.1	.2	51 *	25
	S.D.	9.2	2.1	.06	.50	.36	.23	.00	17.7	4.2
	N	10	10	10	10	10	10	10	10	10

980000

Table 13

Summary of Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
0									
	MEAN	84	34	2	11.0	4.8	150	5.7	111
	S.D.	10.1	5.7	1.2	.32	.54	1.9	.29	2.7
	N	10	10	10	10	10	10	10	10
3									
	MEAN	107	43	3	10.8	5.1	150	6.1	111
	S.D.	32.6	20.7	1.2	.41	.93	3.6	.70	3.3
	N	9	9	9	9	9	9	9	9
30									
	MEAN	128	64	3	11.0	5.6	151	6.2	109
	S.D.	126.7	105.5	1.7	.26	.74	2.6	.50	2.6
	N	10	10	10	10	10	10	10	10
100									
	MEAN	80	36	3	10.9	5.4	150	5.7	109
	S.D.	9.3	6.1	1.0	.27	.90	2.7	.43	3.0
	N	10	10	10	10	10	10	10	10

080087

Table 13

Summary of Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		PCOAO IU/G
0	MEAN	10
	S.D.	2.3
	N	15
3	MEAN	9
	S.D.	2.7
	N	15
30	MEAN	9
	S.D.	2.0
	N	15
100	MEAN	15 *
	S.D.	8.1
	N	15

880000

Table 13

Summary of Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		PCOAO IU/G
0	MEAN	7
	S.D.	2.5
	N	15
3	MEAN	7
	S.D.	2.9
	N	14
30	MEAN	9
	S.D.	2.8
	N	15
100	MEAN	20 *
	S.D.	6.7
	N	15

680089

Table 14

Summary of Clinical Urinalysis Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		U VOL ML	SP GR	U PH
0				
	MEAN	9.9	1.036	6.9
	S.D.	7.15	.0179	.32
	N	10	10	10
3				
	MEAN	10.6	1.026	6.9
	S.D.	5.52	.0093	.39
	N	10	10	10
30				
	MEAN	13.8	1.026	6.8
	S.D.	13.29	.0162	.42
	N	10	10	10
100				
	MEAN	21.0	1.024	6.6
	S.D.	16.52	.0148	.24
	N	10	10	10

060090

Table 14

Summary of Clinical Urinalysis Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		U VOL ML	SP GR	U PH
0	MEAN	17.0	1.016	6.7
	S.D.	14.13	.0112	.26
	N	10	10	10
3	MEAN	11.4	1.020	6.8
	S.D.	10.11	.0102	.44
	N	9	9	9
30	MEAN	16.7	1.016	6.8
	S.D.	14.62	.0084	.26
	N	10	10	10
100	MEAN	15.7	1.019	6.6
	S.D.	12.05	.0113	.21
	N	10	10	10

000094

TABLE 15

Summary of Organ Weight Data

Week 5 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=1;SUBSET=T

LIVER

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)
M	1			
NUMBER IN GROUP:		5	5	5
MEAN:		335.2	10.7554	3.1879
STANDARD DEV:		45.6	2.0653	0.2295
M	2			
NUMBER IN GROUP:		5	5	5
MEAN:		340.9	10.9504	3.2077
STANDARD DEV:		18.5	0.9661	0.1326
M	3			
NUMBER IN GROUP:		5	5	5
MEAN:		347.4	13.1250	3.7790
STANDARD DEV:		26.9	1.4559	0.3232
F	1			
NUMBER IN GROUP:		5	5	5
MEAN:		198.2	6.3023	3.1778
STANDARD DEV:		13.8	0.5865	0.1457
F	2			
NUMBER IN GROUP:		5	5	5
MEAN:		216.0	7.2592	3.3620
STANDARD DEV:		15.1	0.4951	0.0692
F	3			
NUMBER IN GROUP:		5	5	5
MEAN:		214.4	7.6187	3.5493
STANDARD DEV:		12.5	0.7637	0.2091

260000

TABLE 15

Summary of Organ Weight Data

Week 5 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=1;SUBSET=T

LIVER

SEX	DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)
M	4				
		NUMBER IN GROUP:	5	5	5
		MEAN:	311.6	14.7069	4.7214
		STANDARD DEV:	22.0	1.1550	0.1919
F	4				
		NUMBER IN GROUP:	5	5	5
		MEAN:	188.1	8.4256	4.4836
		STANDARD DEV:	9.5	0.4870	0.2373

000093

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ADRENAL

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	505.3	0.0562	0.0112	0.0258
	STANDARD DEV:	35.7	0.0092	0.0020	0.0044
M	2				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	482.1	0.0575	0.0120	0.0267
	STANDARD DEV:	27.7	0.0083	0.0020	0.0038
M	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	460.1*	0.0551	0.0121	0.0254
	STANDARD DEV:	31.8	0.0088	0.0022	0.0040
F	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	270.5	0.0709	0.0265	0.0365
	STANDARD DEV:	33.3	0.0123	0.0054	0.0062
F	2				
	NUMBER IN GROUP:	14	14	14	14
	MEAN:	251.3	0.0675	0.0268	0.0343
	STANDARD DEV:	24.0	0.0114	0.0035	0.0057
F	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	253.4	0.0700	0.0278	0.0348
	STANDARD DEV:	17.8	0.0089	0.0040	0.0050

000094

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ADRENAL

SEX	DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	445.8*	0.0560	0.0126	0.0259
		STANDARD DEV:	24.4	0.0073	0.0014	0.0039
F	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	229.8*	0.0672	0.0293	0.0330
		STANDARD DEV:	22.7	0.0113	0.0047	0.0052

060095

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

BRAIN

SEX DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M 1				
NUMBER IN GROUP:	15	15	15	15
MEAN:	505.3	2.1771	0.4326	1.0000
STANDARD DEV:	35.7	0.0642	0.0283	0.0000
M 2				
NUMBER IN GROUP:	15	15	15	15
MEAN:	482.1	2.1519	0.4480	1.0000
STANDARD DEV:	27.7	0.0910	0.0354	0.0000
M 3				
NUMBER IN GROUP:	15	15	15	15
MEAN:	460.1*	2.1680	0.4731*	1.0000
STANDARD DEV:	31.8	0.0768	0.0323	0.0000

SEX DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
F 1				
NUMBER IN GROUP:	15	15	15	15
MEAN:	270.5	1.9434	0.7256	1.0000
STANDARD DEV:	33.3	0.1049	0.0712	0.0000
F 2				
NUMBER IN GROUP:	14	14	14	14
MEAN:	251.3	1.9678	0.7891*	1.0000
STANDARD DEV:	24.0	0.0694	0.0733	0.0000
F 3				
NUMBER IN GROUP:	15	15	15	15
MEAN:	253.4	2.0183	0.7995*	1.0000
STANDARD DEV:	17.8	0.0826	0.0538	0.0000

960000

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

BRAIN

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4				
NUMBER IN GROUP:		15	15	15	15
MEAN:		445.8*	2.1678	0.4878*	1.0000
STANDARD DEV:		24.4	0.0884	0.0360	0.0000
F	4				
NUMBER IN GROUP:		15	15	15	15
MEAN:		229.8*	2.0372*	0.8910*	1.0000
STANDARD DEV:		22.7	0.1113	0.0599	0.0000

000097

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

KIDNEY

SEX DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M 1				
NUMBER IN GROUP:	15	15	15	15
MEAN:	505.3	3.8199	0.7549	1.7543
STANDARD DEV:	35.7	0.4337	0.0520	0.1893
M 2				
NUMBER IN GROUP:	15	15	15	15
MEAN:	482.1	3.7300	0.7744	1.7358
STANDARD DEV:	27.7	0.3858	0.0762	0.1924
M 3				
NUMBER IN GROUP:	15	15	15	15
MEAN:	460.1*	3.8085	0.8308*	1.7609
STANDARD DEV:	31.8	0.3063	0.0819	0.1761
F 1				
NUMBER IN GROUP:	15	15	15	15
MEAN:	270.5	2.1241	0.7893	1.0931
STANDARD DEV:	33.3	0.2283	0.0711	0.1021
F 2				
NUMBER IN GROUP:	14	14	14	14
MEAN:	251.3	2.1259	0.8469	1.0809
STANDARD DEV:	24.0	0.2488	0.0664	0.1239
F 3				
NUMBER IN GROUP:	15	15	15	15
MEAN:	253.4	2.2559	0.8936*	1.1190
STANDARD DEV:	17.8	0.1509	0.0771	0.0819

860000

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

KIDNEY

SEX	DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	445.8*	4.1850*	0.9389*	1.9357*
		STANDARD DEV:	24.4	0.4155	0.0787	0.2325
F	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	229.8*	2.1983	0.9576*	1.0773
		STANDARD DEV:	22.7	0.2606	0.0797	0.0948

660000

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

LIVER

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	505.3	14.5017	2.8663	6.6577
	STANDARD DEV:	35.7	1.6903	0.2214	0.7163
M	2				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	482.1	14.3465	2.9803	6.6774
	STANDARD DEV:	27.7	1.3494	0.2896	0.6795
M	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	460.1*	15.9014	3.4572*	7.3423*
	STANDARD DEV:	31.8	1.5170	0.2312	0.7472
F	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	270.5	8.0512	2.9775	4.1397
	STANDARD DEV:	33.3	1.3405	0.3423	0.6146
F	2				
	NUMBER IN GROUP:	14	14	14	14
	MEAN:	251.3	7.8673	3.1298	3.9983
	STANDARD DEV:	24.0	0.9141	0.2035	0.4464
F	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	253.4	9.2512*	3.6610*	4.5878
	STANDARD DEV:	17.8	0.7652	0.3281	0.3853

000100

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

LIVER

SEX	DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	445.8*	24.5652*	5.5083*	11.3342*
		STANDARD DEV:	24.4	2.7276	0.4975	1.1828
F	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	229.8*	12.2021*	5.3304*	5.9827*
		STANDARD DEV:	22.7	1.4877	0.6283	0.5773

000101

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

OVARY

SEX DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M 1				
NUMBER IN GROUP:	15			
MEAN:	505.3			
STANDARD DEV:	35.7			
M 2				
NUMBER IN GROUP:	15			
MEAN:	482.1			
STANDARD DEV:	27.7			
M 3				
NUMBER IN GROUP:	15			
MEAN:	460.1*			
STANDARD DEV:	31.8			
F 1				
NUMBER IN GROUP:	15	15	15	15
MEAN:	270.5	0.1280	0.0480	0.0658
STANDARD DEV:	33.3	0.0205	0.0097	0.0096
F 2				
NUMBER IN GROUP:	14	14	14	14
MEAN:	251.3	0.1225	0.0489	0.0624
STANDARD DEV:	24.0	0.0227	0.0081	0.0117
F 3				
NUMBER IN GROUP:	15	15	15	15
MEAN:	253.4	0.1221	0.0486	0.0605
STANDARD DEV:	17.8	0.0215	0.0109	0.0109

20010102

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

OVARY

SEX	DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4					
		NUMBER IN GROUP:	15			
		MEAN:	445.8*			
		STANDARD DEV:	24.4			
F	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	229.8*	0.1206	0.0527	0.0592
		STANDARD DEV:	22.7	0.0238	0.0099	0.0107

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SPLEEN

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	505.3	0.8041	0.1592	0.3691
	STANDARD DEV:	35.7	0.0904	0.0149	0.0371
M	2				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	482.1	0.7666	0.1597	0.3558
	STANDARD DEV:	27.7	0.1431	0.0332	0.0604
M	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	460.1*	0.7341	0.1602	0.3390
	STANDARD DEV:	31.8	0.0802	0.0203	0.0390
F	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	270.5	0.5153	0.1907	0.2649
	STANDARD DEV:	33.3	0.1324	0.0408	0.0644
F	2				
	NUMBER IN GROUP:	14	14	14	14
	MEAN:	251.3	0.5235	0.2090	0.2658
	STANDARD DEV:	24.0	0.0643	0.0239	0.0290
F	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	253.4	0.5166	0.2049	0.2568
	STANDARD DEV:	17.8	0.0506	0.0251	0.0306

000104

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SPLEEN

SEX	DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	445.8*	0.6707*	0.1501	0.3101*
		STANDARD DEV:	24.4	0.1266	0.0251	0.0620
F	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	229.8*	0.4675	0.2037	0.2294
		STANDARD DEV:	22.7	0.0678	0.0232	0.0296

000105

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

TESTIS

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	505.3	3.3907	0.6733	1.5579
	STANDARD DEV:	35.7	0.2211	0.0559	0.0976
M	2				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	482.1	3.3852	0.7028	1.5752
	STANDARD DEV:	27.7	0.3024	0.0565	0.1496
M	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	460.1*	3.4481	0.7535*	1.5922
	STANDARD DEV:	31.8	0.3067	0.0874	0.1509
F	1				
	NUMBER IN GROUP:	15			
	MEAN:	270.5			
	STANDARD DEV:	33.3			
F	2				
	NUMBER IN GROUP:	14			
	MEAN:	251.3			
	STANDARD DEV:	24.0			
F	3				
	NUMBER IN GROUP:	15			
	MEAN:	253.4			
	STANDARD DEV:	17.8			

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

TESTIS

SEX	DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4					
		NUMBER IN GROUP:	15	15	15	15
		MEAN:	445.8*	3.4789	0.7824*	1.6042
		STANDARD DEV:	24.4	0.2974	0.0756	0.1126
F	4					
		NUMBER IN GROUP:	15			
		MEAN:	229.8			
		STANDARD DEV:	22.7			

0001207

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

THYMUS

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	505.3	0.3454	0.0684	0.1586
	STANDARD DEV:	35.7	0.0847	0.0160	0.0383
M	2				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	482.1	0.3117	0.0651	0.1451
	STANDARD DEV:	27.7	0.0630	0.0152	0.0301
M	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	460.1*	0.2725*	0.0592	0.1260*
	STANDARD DEV:	31.8	0.0678	0.0147	0.0324
F	1				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	270.5	0.2814	0.1053	0.1451
	STANDARD DEV:	33.3	0.0627	0.0259	0.0330
F	2				
	NUMBER IN GROUP:	14	14	14	14
	MEAN:	251.3	0.2951	0.1176	0.1499
	STANDARD DEV:	24.0	0.0491	0.0179	0.0236
F	3				
	NUMBER IN GROUP:	15	15	15	15
	MEAN:	253.4	0.2978	0.1174	0.1476
	STANDARD DEV:	17.8	0.0627	0.0225	0.0310

0001008

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

THYMUS

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4				
NUMBER IN GROUP:		15	15	15	15
MEAN:		445.8*	0.2610*	0.0586	0.1206*
STANDARD DEV:		24.4	0.0515	0.0115	0.0246

SEX	DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
F	4				
NUMBER IN GROUP:		15	15	15	15
MEAN:		229.8*	0.2654	0.1152	0.1300
STANDARD DEV:		22.7	0.0525	0.0190	0.0229

0001209

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

THYROID/PARATHYR

SEX DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M 1				
NUMBER IN GROUP:	15	15	15	15
MEAN:	505.3	0.0255	0.0051	0.0117
STANDARD DEV:	35.7	0.0063	0.0013	0.0029
M 2				
NUMBER IN GROUP:	15	15	15	15
MEAN:	482.1	0.0254	0.0053	0.0118
STANDARD DEV:	27.7	0.0078	0.0017	0.0034
M 3				
NUMBER IN GROUP:	15	15	15	15
MEAN:	460.1*	0.0244	0.0053	0.0112
STANDARD DEV:	31.8	0.0048	0.0010	0.0019

SEX DOSE GROUP	TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
F 1				
NUMBER IN GROUP:	15	15	15	15
MEAN:	270.5	0.0203	0.0075	0.0104
STANDARD DEV:	33.3	0.0062	0.0024	0.0029
F 2				
NUMBER IN GROUP:	14	14	14	14
MEAN:	251.3	0.0180	0.0072	0.0092
STANDARD DEV:	24.0	0.0066	0.0027	0.0034
F 3				
NUMBER IN GROUP:	15	15	15	15
MEAN:	253.4	0.0190	0.0075	0.0094
STANDARD DEV:	17.8	0.0046	0.0019	0.0024

000110

TABLE 16

Summary of Organ Weight Data

Week 14 Sacrifice

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

THYROID/PARATHYR

SEX DOSE GROUP		TERMINAL BODY WT (g)	ORGAN WEIGHT (g)	ORGAN-TO-BODY WT (%)	ORGAN-TO-BRAIN WT RATIO
M	4				
NUMBER IN GROUP:		15	15	15	15
MEAN:		445.8*	0.0252	0.0057	0.0117
STANDARD DEV:		24.4	0.0033	0.0009	0.0017
F	4				
NUMBER IN GROUP:		15	15	15	15
MEAN:		229.8*	0.0203	0.0088	0.0100
STANDARD DEV:		22.7	0.0052	0.0020	0.0024

0001111

TABLE 17

Incidence of Macroscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;SUBSET=ALL

ORGAN AND KEYWORD(S) OR PHRASE		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
** TOP OF LIST **									
GENERAL COMMENT (GC)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
BONE MARROW SMEAR TAKEN		15	15	15	15	15	14	15	15
MALOCCLUSION		1	4	2	2	0	1	1	0
NO MACROSCOPIC LESIONS		8	7	7	6	13	9	11	8
TAIL - BENT/MISSING		0	0	0	0	0	0	0	1
STAINS-PERINEUM/PERIANAL		0	0	1	0	0	0	0	0
LIVER (LI)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	20	20	20	16	20	20	20	19
LIGHT FOCUS(I)/AREA(S)		0	0	0	1	0	0	0	0
LARGE		0	0	0	3	0	0	0	0
DIFFUSELY DARK		0	0	0	2	0	0	0	1
KIDNEY (KD)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	19	19	20	18	20	20	20	20
LARGE PELVIS(ES)		1	1	0	2	0	0	0	0
GRANULAR MATERIAL		0	1	0	0	0	0	0	0
SPLEEN (SP)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	20	20	20	20	19	20	20	20
ADHESION(S)		0	0	0	0	1	0	0	0

000112

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;SUBSET=ALL

ORGAN AND KEYWORD(S) OR PHRASE		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
THYMUS (TH)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	17	18	16	18	20	19	19	20
RED FOCUS(I)/AREA(S)		2	1	3	1	0	0	1	0
DIFFUSELY RED		0	1	1	1	0	1	0	0
MOTTLED		1	0	0	0	0	0	0	0
PITUITARY (PI)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	20	20	20	20	19	20	20	20
LARGE		0	0	0	0	1	0	0	0
STOMACH, GL (ST)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	20	18	20	18	20	20	19	17
DARK FOCUS(I)/AREA(S)		0	1	0	2	0	0	0	3
LIGHT FOCUS(I)/AREA(S)		0	1	0	0	0	0	1	0
LN, MANDIBULAR (MN)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	16	18	15	16	20	20	17	20
DIFFUSELY RED		3	2	4	3	0	0	2	0
MOTTLED		1	0	1	1	0	0	1	0

000113

TABLE 17

Incidence of Macroscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;SUBSET=ALL

ORGAN AND KEYWORD(S) OR PHRASE		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
UTERUS (UT)	NUMBER EXAMINED:	0	0	0	0	20	20	20	20
	NOT REMARKABLE:	0	0	0	0	19	17	19	19
LUMEN FILLED WITH FLUID		0	0	0	0	1	3	1	1
OVARY (OV)	NUMBER EXAMINED:	0	0	0	0	20	20	20	20
	NOT REMARKABLE:	0	0	0	0	20	20	19	18
DIFFUSELY RED		0	0	0	0	0	0	1	2
TAIL (TI)	NUMBER EXAMINED:	20	20	20	20	20	20	20	20
	NOT REMARKABLE:	20	20	20	20	20	19	20	20
LACERATION(S)		0	0	0	0	0	1	0	0

** END OF LIST **

000114

TABLE 18

Incidence of Microscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

PAGE: 1

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
** TOP OF LIST **									
BONE, FEMUR (FE)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
MARROW, FEMUR (FM)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
MARROW, STERNUM (SE)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
BONE, STERNUM (SB)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
EYE (EY)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
BRAIN (BR)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	14
--INFILTRATE, LYMPHOHISTIOCYTIC		0	0	0	0	0	0	0	1
SPINAL CORD (SC)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15

000115

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
LUNG (LU)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	6	0	0	7	12	1	0	12
--HEMORRHAGE		1	0	0	0	0	0	0	0
--INFILTRATE, MACROPHAGE, ALVEOLAR		4	0	0	5	1	0	0	2
--INFLAMMATION, SUBACUTE		1	0	0	0	0	0	0	1
--MINERALIZATION, VASCULAR		5	0	0	3	2	0	0	0
TRACHEA (TR)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
ESOPHAGUS (ES)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
LIVER (LI)	NUMBER EXAMINED:	15	15	15	15	15	15	15	15
	NOT REMARKABLE:	5	0	1	0	5	4	2	0
--FIBROSIS, CAPSULAR		0	0	1	0	1	0	0	0
--HYPERTROPHY, HEPATOCELLULAR, DIFFUSE		0	0	0	0	0	0	0	1
--HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR		0	0	14	15	0	0	7	14
--INFILTRATE, LYMPHOHISTIOCYTIC		10	15	13	10	10	11	12	9
--NECROSIS, COAGULATIVE		0	0	0	3	0	0	1	0
--NECROSIS, INDIVIDUAL HEPATOCYTE		6	9	5	6	3	6	4	5
--PIGMENT, HEPATOCELLULAR		0	0	0	2	0	0	0	7
--VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL		0	0	2	7	0	0	0	2
--VACUOLATION, HEPATOCELLULAR, DIFFUSE		0	0	2	2	0	0	0	0

** CONTINUED ON NEXT PAGE **

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER OF ANIMALS AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
** FROM PREVIOUS PAGE **									
LIVER (LI)	NUMBER EXAMINED:	15	15	15	15	15	15	15	15
	NOT REMARKABLE:	5	0	1	0	5	4	2	0
--VACUOLATION, HEPATOCELLULAR, PERIPORTAL		0	0	1	0	2	3	0	0
KIDNEY (KD)	NUMBER EXAMINED:	15	1	0	15	15	1	0	15
	NOT REMARKABLE:	11	0	0	12	14	1	0	12
--BASOPHILIC TUBULES, CORTEX		2	0	0	0	0	0	0	0
--DILATATION, PELVIC		1	1	0	2	0	0	0	0
--INFLAMMATION, CHRONIC		0	0	0	0	0	0	0	1
--MINERALIZATION, TUBULAR		1	0	0	1	1	0	0	2
--THICKENING, BASEMENT MEMBRANE		1	0	0	0	0	0	0	0
HEART (HT)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	12	0	0	12	15	1	0	14
--DEGENERATION/NECROSIS		3	0	0	3	0	0	0	1
MUSCLE, SKELETAL (SM)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
NERVE, SCIATIC (SN)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15

000127

TABLE 18

Incidence of Microscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
SPLEEN (SP)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	14	1	0	15
--INFLAMMATION, CHRONIC, CAPSULAR		0	0	0	0	1	0	0	0
THYMUS (TH)	NUMBER EXAMINED:	15	2	4	15	15	2	1	15
	NOT REMARKABLE:	9	0	0	6	11	1	0	10
--HEMORRHAGE		6	2	4	9	4	1	1	4
--INVOLUTION		0	0	1	1	1	1	0	2
LN, MESENTERIC (MS)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	13	15	1	0	15
--HEMORRHAGE		0	0	0	2	0	0	0	0
THYROID (TY)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	4	0	0	8	6	1	0	9
--CYST, ULTIMOBRANCHIAL		9	0	0	7	9	0	0	6
--ECTOPIC THYMUS		1	0	0	0	0	0	0	0
--INFILTRATE, LYMPHOHISTIOCYTIC		1	0	0	0	0	0	0	0
--ONE EXAMINED		1	0	0	0	0	0	0	1
PARATHYROID (PT)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	13	0	0	15	15	1	0	14
--CYST		1	0	0	0	0	0	0	0

** CONTINUED ON NEXT PAGE **

000148

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER OF ANIMALS AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
** FROM PREVIOUS PAGE **									
PARATHYROID (PT)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	13	0	0	15	15	1	0	14
--ONE EXAMINED		1	0	0	0	0	0	0	1
ADRENAL, CORTEX (AC)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	14	15	1	0	15
--INFILTRATE, LYMPHOHISTIOCYTIC		0	0	0	1	0	0	0	0
ADRENAL, MEDULLA (MA)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
AORTA (AO)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
PITUITARY (PI)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	14	0	0	14	14	1	0	15
--CYST		1	0	0	1	0	0	0	0
--HYPERPLASIA		0	0	0	0	1	0	0	0
STOMACH, GL (ST)	NUMBER EXAMINED:	14	2	15	15	15	1	15	15
	NOT REMARKABLE:	14	1	15	13	15	1	15	12
--EROSION		0	1	0	2	0	0	0	3

000119

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
STOMACH, NONGL (SU)	NUMBER EXAMINED:	14	0	15	15	15	1	15	15
	NOT REMARKABLE:	14	0	15	15	15	1	15	15
PANCREAS (PA)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	11	0	0	13	14	1	0	13
--ATROPHY, ACINAR		0	0	0	1	1	0	0	1
--INFILTRATE, LYMPHOHISTIOCYTIC		2	0	0	0	1	0	0	2
--INFLAMMATION, CHRONIC-ACTIVE		1	0	0	2	0	0	0	0
--PIGMENT, BROWN		2	0	0	2	0	0	0	0
DUODENUM (DU)	NUMBER EXAMINED:	14	0	0	15	15	1	0	15
	NOT REMARKABLE:	14	0	0	15	15	1	0	15
JEJUNUM (JE)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
ILEUM (IL)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
CECUM (CE)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15

0001120

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
COLON (CO)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
RECTUM (RE)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	13	0	0	15	14	1	0	15
--PARASITISM		2	0	0	0	1	0	0	0
LN, MANDIBULAR (MN)	NUMBER EXAMINED:	15	2	5	15	15	1	3	15
	NOT REMARKABLE:	11	0	0	7	12	1	0	14
--HEMORRHAGE		4	2	5	8	2	0	3	1
--HYPERPLASIA, PLASMACYTIC		0	0	0	0	1	0	0	0
SALIV GL, MANDIB (SG)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	15	15	1	0	15
HARDERIAN GLAND (HG)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	14	0	0	13	15	1	0	14
--INFILTRATE, LYMPHOHISTIOCYTIC		1	0	0	2	0	0	0	1
AUDITORY SEB GL (AS)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	12	11	1	0	13
--ONE EXAMINED		0	0	0	3	4	0	0	2

0001121

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
SKIN (SK)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	14	0	0	15	15	1	0	15
--EXUDATE, EPIDERMAL SURFACE		1	0	0	0	0	0	0	0
--INFLAMMATION, SUBACUTE		1	0	0	0	0	0	0	0
MAMMARY, FEMALE (MF)	NUMBER EXAMINED:	0	0	0	0	15	1	0	15
	NOT REMARKABLE:	0	0	0	0	15	1	0	15
URINARY BLADDER (UB)	NUMBER EXAMINED:	15	0	0	15	15	1	0	15
	NOT REMARKABLE:	15	0	0	13	15	1	0	15
--INFILTRATE, LYMPHOHISTIOCYTIC		0	0	0	2	0	0	0	0
UTERUS (UT)	NUMBER EXAMINED:	0	0	0	0	15	4	1	15
	NOT REMARKABLE:	0	0	0	0	14	1	1	10
--DILATATION		0	0	0	0	1	3	0	5
CERVIX (CV)	NUMBER EXAMINED:	0	0	0	0	15	1	0	15
	NOT REMARKABLE:	0	0	0	0	15	1	0	15
OVARY (OV)	NUMBER EXAMINED:	0	0	0	0	15	1	1	15
	NOT REMARKABLE:	0	0	0	0	15	1	1	15

227000122

TABLE 18

Incidence of Microscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
VAGINA (VA)	NUMBER EXAMINED:	0	0	0	0	15	1	0	15
	NOT REMARKABLE:	0	0	0	0	15	1	0	15
PROSTATE (PR)	NUMBER EXAMINED:	15	0	0	15	0	0	0	0
	NOT REMARKABLE:	3	0	0	9	0	0	0	0
--INFILTRATE, LYMPHOHISTIOCYTIC		12	0	0	6	0	0	0	0
--INFLAMMATION, CHRONIC-ACTIVE		0	0	0	1	0	0	0	0
SEMINAL VESICLES (SV)	NUMBER EXAMINED:	15	0	0	15	0	0	0	0
	NOT REMARKABLE:	15	0	0	15	0	0	0	0
TESTIS (TE)	NUMBER EXAMINED:	15	0	0	15	0	0	0	0
	NOT REMARKABLE:	15	0	0	15	0	0	0	0
EPIDIDYMIDES (EP)	NUMBER EXAMINED:	15	0	0	15	0	0	0	0
	NOT REMARKABLE:	15	0	0	15	0	0	0	0
TAIL (TI)	NUMBER EXAMINED:	0	0	0	0	0	1	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0
--HEMORRHAGE		0	0	0	0	0	1	0	0
--ULCERATION		0	0	0	0	0	1	0	0

** END OF LIST **

0004123

TABLE 19

Incidence of Severity of Selected Microscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=T

ORGAN/TISSUE EXAMINED		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---							
SEX:		-------MALE-------				------FEMALE------			
GROUP:		-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
NUMBER:		20	20	20	20	20	20	20	20
** TOP OF LIST **									
LIVER (LI)	NUMBER EXAMINED:	15	15	15	15	15	15	15	15
--FIBROSIS, CAPSULAR	->	15	15	14	15	14	15	15	15
	1>	0	0	1	0	1	0	0	0
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
--HYPERTROPHY, HEPATOCELLULAR, DIFFUSE	->	15	15	15	15	15	15	15	14
	2>	0	0	0	0	0	0	0	1
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
--HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR	->	15	15	1	0	15	15	8	1
	1>	0	0	11	0	0	0	7	0
	2>	0	0	3	1	0	0	0	7
	3>	0	0	0	14	0	0	0	7
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	1.1	2.9	0.0	0.0	0.5	2.3
--INFILTRATE, LYMPHOHISTIOCYTIC	->	5	0	2	5	5	4	3	6
	1>	10	14	13	10	10	11	12	9
	2>	0	1	0	0	0	0	0	0
	TL>	15	15	15	15	15	15	15	15
	MN>	0.7	1.1	0.9	0.7	0.7	0.7	0.8	0.6

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TABLE 19

Incidence of Severity of Selected Microscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=T

ORGAN/TISSUE EXAMINED		--- NUMBER-OF-ANIMALS-AFFECTED ---							
	SEX:	-------MALE-------				------FEMALE------			
	GROUP:	-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
	NUMBER:	20	20	20	20	20	20	20	20
** FROM PREVIOUS PAGE **									
LIVER (LI)	NUMBER EXAMINED:	15	15	15	15	15	15	15	15
--NECROSIS, COAGULATIVE	->	15	15	15	12	15	15	14	15
	1>	0	0	0	2	0	0	1	0
	2>	0	0	0	1	0	0	0	0
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0
--NECROSIS, INDIVIDUAL HEPATOCYTE	->	9	6	10	9	12	9	11	10
	1>	6	9	5	5	3	6	4	5
	2>	0	0	0	1	0	0	0	0
	TL>	15	15	15	15	15	15	15	15
	MN>	0.4	0.6	0.3	0.5	0.2	0.4	0.3	0.3
--PIGMENT, HEPATOCELLULAR	->	15	15	15	13	15	15	15	8
	1>	0	0	0	2	0	0	0	7
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5
--VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL	->	15	15	13	8	15	15	15	13
	1>	0	0	2	5	0	0	0	2
	2>	0	0	0	2	0	0	0	0
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.1

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TABLE 19

Incidence of Severity of Selected Microscopic Observations

Covance 6329-225
3M T-6314.1

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=T

ORGAN/TISSUE EXAMINED		--- NUMBER-OF-ANIMALS-AFFECTED ---							
	SEX:	-------MALE-------				------FEMALE------			
	GROUP:	-1-	-2-	-3-	-4-	-1-	-2-	-3-	-4-
	NUMBER:	20	20	20	20	20	20	20	20
** FROM PREVIOUS PAGE **									
LIVER (LI)	NUMBER EXAMINED:	15	15	15	15	15	15	15	15
--VACUOLATION, HEPATOCELLULAR, DIFFUSE	->	15	15	13	13	15	15	15	15
	1>	0	0	2	0	0	0	0	0
	2>	0	0	0	2	0	0	0	0
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0
--VACUOLATION, HEPATOCELLULAR, PERIPORTAL	->	15	15	14	15	13	12	15	15
	1>	0	0	1	0	2	3	0	0
	TL>	15	15	15	15	15	15	15	15
	MN>	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.0
STOMACH, GL (ST)	NUMBER EXAMINED:	14	2	15	15	15	1	15	15
--EROSION	->	14	1	15	13	15	1	15	12
	1>	0	0	0	1	0	0	0	2
	2>	0	1	0	1	0	0	0	1
	TL>	14	2	15	15	15	1	15	15
	MN>	0.0	1.0	0.0	0.2	0.0	0.0	0.0	0.3
** END OF LIST **									

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APPENDIX 1

Protocol Deviations
Protocol
Protocol Amendment No. 1
Protocol Amendment No. 2
Protocol Amendment No. 3

000127

Protocol Deviations

Protocol. Housing. Diet. "Certified Rodent Diet #5002, meal (PMI Nutrition International) *ad libitum,* unless otherwise specified."

Actual Procedure. The animals were given Teklad 8728C pelleted food from August 17, 1998 to August 23, 1998.

Protocol. Dose Preparation. Retention Samples. "During the in-life phase, samples (approximately 100 g) will be taken from each dose preparation sampled for dose analyses and stored at room temperature. Unless used for analyses, these samples will be discarded approximately 1 month after completion of the in-life phase."

Actual Procedure. Retention samples were discarded after approximately 1 month of the completion of the in-life phase.

Protocol. Observation of Animals. Clinical Observations. "Each animal will be observed twice daily (a.m. and p.m.) for mortality and moribundity, recording findings as they are observed."

Actual Procedure. On Days 16 through 30, the a.m. and p.m. mortality and moribundity checks were not documented.

Protocol. Termination. Scheduled Sacrifices. "After at least 4 weeks of treatment, five animals/sex/group will be fasted overnight, bled for serum samples, anesthetized with carbon dioxide, weighed, and exsanguinated."

Actual Procedure. Fasting of animals at the Week 5 scheduled sacrifice was not documented.

Protocol Deviations (Continued)

Protocol. Experimental Design. Postmortem Procedures. "The following tissues (when present) or representative samples will be collected from each animal and preserved in 10% phosphate-buffered formalin, unless otherwise specified."

Actual Procedure. Some tissues, required by the protocol, were not available for histopathologic examination. Missing tissues are listed with appropriate comments in the pathology data sheets for individual animals. Summary tables do not include them as having been examined.

These deviations are not expected to have affected the results of the study.

COVANCE
THE DEVELOPMENT SERVICES COMPANY

Sponsor:

3M
St. Paul, Minnesota

PROTOCOL

Study Title:

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Date:

August 27, 1998

Performing Laboratory:

Covance Laboratories Inc.
3301 Kinsman Boulevard
Madison, Wisconsin 53704-2595

Laboratory Study Identification:

Proposal No. 90545D

Covance 6329-225

Sponsor Project Identification:

3M T-6314.1

000130

Study
13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Purpose
To assess the toxicity of the test material when administered in the diet to rats for at least 13 weeks

Sponsor
3M
Toxicology Services
Building 220-2E-02, 3M Center
St. Paul, Minnesota 55144-1000

Study Monitor
Andrew M. Seacat, PhD
3M Toxicology Services
Telephone No.: 651.575.3161
Facsimile No.: 651.733.1773

Alternate Study Monitor
Marvin T. Case, DVM, PhD
3M Toxicology Services
Telephone No.: 651.733.5180
Facsimile No.: 651.733.1773

Study Location
Covance Laboratories Inc.
3301 Kinsman Boulevard
Madison, Wisconsin 53704-2595

Mailing Address: PO Box 7545
Madison, Wisconsin 53707-7545

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Study Director
Peter J. Thomford, PhD
Covance Laboratories Inc.
Telephone No.: 608.241.7207
Facsimile No.: 608.242.2736

Toxicologist
Thomas E. Ryan, BS
Covance Laboratories Inc.

Proposed Study Timetable
In-Life Start Date: September 1, 1998
In-Life End Date: December 3, 1998
Audited Draft Report Date: May 26, 1998

Regulatory Compliance
This study will be conducted in compliance with the Food and Drug Administration Good Laboratory Practice Regulations as set forth in Title 21 of the US Code of Federal Regulations, Part 58, issued December 22, 1978 (effective June 20, 1979), and with any applicable amendments.

Animal Care and Use Statement
All procedures in this protocol are in compliance with the Animal Welfare Act Regulations, 9 CFR 1-4. In the opinion of the Sponsor and study director, the study does not unnecessarily duplicate any previous work.

Quality Assurance
The protocol, study conduct, and final report will be audited by the Covance Quality Assurance Unit (QAU). The proliferation cell nuclear antigen (PCNA) evaluation, data, and report will be audited by the QAU of Pathology Associates International. Liver and serum analyses, data, and report will be audited by the QAU of 3M Environmental Technology and Safety Services.

Test Material

Identification
N-Methyl Perfluorooctanesulfonamido Ethanol (MeFOS, T-6314)

Lot Number
The lot numbers will be maintained in the raw data.

Purity
Responsibility of the Sponsor

Stability
Responsibility of the Sponsor

Storage Conditions
At room temperature

Characteristics
Information on synthesis methods, composition, or other characteristics that define the test material is on file with the Sponsor.

Reserve (Archive) Samples
A reserve sample (approximately 5 g) of each lot will be taken and stored at room temperature. These samples will be transferred to the Sponsor after completion of the in-life phase.

Disposition of Test Material
After authorization from the Sponsor, any remaining test material will be returned to:

Andrew M. Seacat, PhD
3M
Toxicology Services
Building 220-2E-02, 3M Center
St. Paul, Minnesota 55144-1000
Telephone No.: 651.575.3161
Facsimile No.: 651.733.1773

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Animals

Species
Rat

Strain
Crl:CD®(SD) IGS BR

Source
Charles River Laboratories, Inc., Portage, Michigan

Age at Initiation of Treatment
Preferably less than 6 weeks of age but not more than 8 weeks of age

Weight at Initiation of Treatment
100 to 300 g

Number and Sex
80 males and 80 females

Identification
Implantable microchip identification device

Husbandry

Housing
Individual (may be group-housed during acclimation). Animals will be housed in suspended, stainless steel cages.

Diet
Certified Rodent Diet #5002, meal (PMI Nutrition International) *ad libitum,* unless otherwise specified. The diet is routinely analyzed by the manufacturer for nutritional components and environmental contaminants. Specified nutrient and contaminant analyses are on file at Covance-Madison.

Water

Ad libitum. Samples of the water are routinely analyzed for specified microorganisms and environmental contaminants. The results are on file at Covance-Madison.

Contaminants

There are no known contaminants in the diet or water at levels that might interfere with this study.

Environment

Environmental controls for the animal room will be set to maintain 18 to 26°C, a relative humidity of 30 to 70%, and a 12-hour light/12-hour dark cycle. The light/dark cycle may be interrupted to accommodate in-life procedures.

Acclimation

At least 1 week

Randomization

Selection of animals for the study will be based on clinical observations, ophthalmic examinations, and other data as appropriate. Animals will be assigned to treatment groups using a computerized blocking procedure designed to achieve body weight balance with respect to treatment groups. At the time of randomization, the weight variation of the animals of each sex used will not exceed ±2 standard deviations of the mean weight, and the mean body weight for each group of each sex will not be statistically different at the 5.0% probability level.

Justification

Rats historically have been used in safety evaluation studies and are recommended by appropriate regulatory agencies.

Group Designations and Dietary Levels

Group	Number of Animals		Dietary Levels (ppm MeFOS)[a]
	Male	Female	
1 (Control)[b]	20	20	0
2 (Low)	20	20	3
3 (Mid)	20	20	30
4 (High)	20	20	100

a Dose levels are expressed as ppm of MeFOS.
b The control animals will receive the basal diet only.

Dosing Procedures

Method of Administration
Dietary, 7 days/week for at least 13 weeks. Treatment will continue through the day before necropsy.

Reason for Dosing Route
The potential route of exposure in humans is oral.

Dose Preparation
All dose preparations will be mixed according to the study-specific mixing procedure developed by Covance. Dose concentrations will be based on the MeFOS content as supplied. All dose preparations will be stored at room temperature.

Before initiation of treatment, dose preparations of 1 ppm, 3 ppm, 30 ppm, 100 ppm and 500 ppm will be mixed.

Dose preparations will be mixed at least once every 4 weeks during the in-life phase.

Retention Samples
During the in-life phase, samples (approximately 100 g) will be taken from each dose preparation sampled for dose analyses and stored at room temperature. Unless used for analyses, these samples will be discarded approximately 1 month after completion of the in-life phase.

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Dose Analyses

By Covance, using a method supplied by the Sponsor and validated by Covance

Homogeneity

Homogeneity will be determined for 3-ppm, 30-ppm, and 100-ppm dose preparations once pretest. One sample (approximately 100 g) each from the top, middle, and bottom of the dose preparations mixed for homogeneity analyses will be collected, divided into three subsamples for extraction and analysis, and analyzed for test material content. All samples will be stored at room temperature until analyzed within 7 days after mixing. Homogeneity analysis will be repeated if batch size changes by more than 30%.

Stability

Four samples (approximately 100 g each) will be taken from the 1-ppm dose level concentration of diet preparations mixed pretest. One sample will be analyzed on the day of mixing and used as the baseline value. One sample will be stored at room temperature for at least 19 days, then analyzed. A third sample will be stored at room temperature after at least 32 days, then analyzed. The remaining sample will be stored in a freezer set to maintain -10 to -30°C for 8 weeks, then analyzed.

In addition, two samples (approximately 100 g each) will be taken from the 500-ppm dose preparation mixed pretest. One sample will be analyzed on the day of mixing. The second sample will be will be stored at room temperature after at least 32 days, then analyzed.

Dose Confirmation

During the in-life phase, samples (approximately 100 g) from all dose preparations will be analyzed. All samples will be stored at room temperature until analyzed.

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Observation of Animals

Clinical Observations

Each animal will be observed twice daily (a.m. and p.m.) for mortality and moribundity, recording findings as they are observed. At least once weekly, each animal will be observed (cage will be opened, and the animal will be removed); abnormal findings or an indication of normal will be recorded. Additional findings will be recorded as they are observed.

Body Weights

Each animal will be weighed at least once prior to treatment, on the first day of treatment, and weekly thereafter.

Food Consumption

Food consumption will be recorded weekly during treatment. Food consumption will not be measured during Week 5 for animals scheduled for sacrifice during Week 5.

Ophthalmic Examinations

Ophthalmic examinations will be done for each animal before initiation of treatment and before the Week 14 scheduled sacrifice. The eyes of each animal will be examined by a veterinarian using an indirect ophthalmoscope. A mydriatic agent will be instilled into the eyes prior to examination.

Clinical Pathology

Frequency

Hematology and clinical chemistry during Weeks 5 and 14; urinalysis during Week 14

Number of Animals

Ten animals/sex/group (the same animals will be used at each interval, if possible)

Method of Collection

Animals will be fasted overnight; blood will be collected from a jugular vein. The anticoagulant will be potassium EDTA for hematology tests. Urine will be collected chilled overnight (approximately 16 hours).

Tests

Hematology

red blood cell (erythrocyte) count
hemoglobin
hematocrit
mean corpuscular volume
mean corpuscular hemoglobin
mean corpuscular hemoglobin concentration
platelet count
white blood cell (leukocyte) count
differential blood cell count
blood cell morphology
reticulocyte smear (made, but not examined)

Clinical Chemistry

glucose
urea nitrogen
creatinine
total protein
albumin
globulin
cholesterol
triglycerides
total bilirubin
alanine aminotransferase
gamma glutamyltransferase
aspartate aminotransferase
calcium
inorganic phosphorus
sodium
potassium
chloride

Urinalysis

appearance
volume
specific gravity
pH
protein
urobilinogen
glucose
ketones
bilirubin
blood
microscopic examination of sediment

Serum Perfluorooctane Sulfonic Acid (PFOS) Analyses

Frequency and Number of Animals

Five animals/sex/group after at least 4 and 13 weeks of treatment. Samples after 4 weeks of treatment will be collected from animals selected for the interim sacrifice.

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Method of Collection

Animals will be fasted overnight; blood (approximately 4 mL) will be collected from a jugular vein. Samples will be collected without anticoagulant.

Sample Handling

Blood samples will be allowed to clot at room temperature and centrifuged. Serum samples will be harvested and stored in a freezer set to maintain -60 to -80°C. Samples will be packed on dry ice and shipped to:

Kris J. Hansen, PhD
3M Environmental Technology and Safety Services
935 Bush Avenue
Building 2-3E-09
St. Paul, Minnesota 55133-3331
Telephone No.: 651.778.6018
Facsimile No.: 651.778.6176

Serum samples will be analyzed for PFOS and metabolites by the Sponsor. Results will be reported separately by the Sponsor.

Termination

Unscheduled Sacrifices and Deaths

Necropsies will be done. Animals to be sacrificed will be anesthetized with carbon dioxide, weighed, and exsanguinated.

Scheduled Sacrifices

After at least 4 weeks of treatment, five animals/sex/group will be fasted overnight, bled for serum samples, anesthetized with carbon dioxide, weighed, and exsanguinated. The abdominal cavity of each animal will be opened, the liver will be removed and weighed, and liver samples will be collected for palimitoyl CoA and PFOS analysis. Animals will be discarded after liver collection.

After at least 13 weeks of treatment, all surviving animals will be fasted overnight, bled for serum samples (five animals/sex/group) and clinical pathology tests (10/sex/group), anesthetized with carbon dioxide, weighed, exsanguinated, and necropsied. Liver samples will be collected for palimitoyl CoA, PCNA, and PFOS analysis.

Postmortem Procedures

Necropsy
The necropsy will include an examination of the external features of the carcass; all external body orifices; the abdominal, thoracic, and cranial cavities; organs; and tissues.

Organ Weights
At the scheduled sacrifice after 13 weeks of treatment, the following organs (when present) will be weighed; paired organs will be weighed together:

adrenal (2)
brain
kidney (2)
liver
ovary (2)
spleen
testis (2)
thymus
thyroid (2) with parathyroid

Organ-to-body weight percentages and organ-to-brain weight ratios will be calculated.

Bone Marrow Smear
From the femur of each animal at the scheduled sacrifice after 13 weeks of treatment only; made but not examined

Cell Proliferation Tissue Collection and Immunohistochemical Evaluation
At the scheduled sacrifice after 13 weeks of treatment , representative samples of left lateral lobe of the liver from each animal will be collected and preserved in zinc formalin.

After fixation, each sample of liver will be embedded in paraffin, and the paraffin blocks will be shipped to:

Sandra R. Eldridge, PhD
Pathology Associates International
15 Worman's Mill Court, Suite I
Frederick, Maryland 21701
Telephone No.: 301.663.1644, ext. 2201
Facsimile No: 301.663.8994

Proliferation cell nuclear antigen (PCNA) evaluation will be done on the samples. Results will be provided for inclusion in the final report.

Palmitoyl-CoA Oxidase Tissue Collection and Analyses

At the scheduled sacrifices, the right lateral lobe of the liver will be collected from each animal and flash-frozen in liquid nitrogen. The liver tissue will be stored in a freezer set to maintain -60 to -80°C until analyzed by Covance for palmitoyl-CoA oxidase activity.

Liver PFOS Analysis

At scheduled sacrifices, the remaining portion of the liver from each animal after other required collections will be stored in a freezer set to maintain -60 to -80°C. Samples will be packed on dry ice and shipped to Kris J. Hansen, PhD, 3M Environmental Technology and Safety Services. Liver samples will be analyzed for PFOS and metabolites by the Sponsor. Results will be reported separately by the Sponsor.

Tissue Preservation

The following tissues (when present) from each animal that is found dead, sacrificed at an unscheduled interval, or sacrificed at the scheduled sacrifice after 13 weeks of treatment will be preserved in10% neutral-buffered formalin:

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adrenal (2)
aorta
brain
cecum
cervix
colon
duodenum
epididymis (2)
esophagus
eye (2)
femur with bone marrow (articular surface of the of the distal end)
Harderian gland
heart
ileum with Peyer's patch (lymphoid aggregate)
jejunum
kidney (2)
lesions
liver
lung with mainstem bronchi
lymph nodes (mesenteric and mandibular)
mammary glands (females only)
ovary (2)
pancreas
pituitary
prostate
rectum
salivary gland [mandibular (2)]
sciatic nerve
seminal vesicle (2)
skeletal muscle (thigh)
skin
spinal cord (cervical, mid-thoracic, and lumbar)
spleen
sternum with bone marrow
stomach
testis (2)
thymus
thyroid (2) with parathyroid
trachea
urinary bladder
uterus
vagina
Zymbal's gland

Histopathology

Tissues (as appropriate) from each animal in the control and high-dose groups and each animal that dies or is sacrificed at an unscheduled interval will be embedded in paraffin, sectioned, stained with hematoxylin and eosin, and examined microscopically.

Macroscopic lesions from animals in the low- and mid-dose groups will be embedded in paraffin, sectioned, stained with hematoxylin and eosin, and examined microscopically.

Suspected target organs noted at the high dose will be examined microscopically from each animal (at the Sponsor's request and added by amendment).

Reports

One copy of the draft report will be sent to the Sponsor. The report will include the following information:

Experimental Design and Methods

Results
dose analyses
mortality
clinical observations
body weights
body weight changes
food consumption
test material consumption
ophthalmic findings
clinical pathology results
palmitoyl CoA oxidase activities
macroscopic observations
microscopic observations
cell proliferation assessments (provided by the Sponsor's designee)

Statistical Evaluation
Levene's test will be done to test for variance homogeneity. In the case of heterogeneity of variance at $p \leq 0.05$, transformations will be used to stabilize the variance. Comparison tests will take variance heterogeneity into consideration.

One-way analysis of variance (ANOVA) will be used (if applicable) to analyze body weights, body weight changes, food consumption, continuous clinical pathology values, and organ weight data. If the ANOVA is significant, Dunnett's t-test will be used for control versus treated group comparisons.

If the ANOVA shows significance for body weights at Week 1, one-way analysis of covariance (ANCOVA) will be used to analyze body weights, with initial body weights as the covariate. If the ANCOVA is significant, covariate-adjusted means will be used for control versus treated group comparisons.

Group comparisons (Groups 2 through 4 versus Group 1) will be evaluated at the 5.0%, two-tailed probability level. Only data collected on or after the first day of treatment will be analyzed statistically.

At the end of 1 year after issuance of the audited draft report, if no requested revisions or instructions to finalize have been communicated by the Sponsor, then the audited draft report will be considered 'final' and issued as the final report, signed by the study director, and submitted to the Sponsor.

Any modifications or changes to the audited draft report requested 1 year after issuance will be performed at additional cost to the Sponsor.

Two copies of the signed final report (one unbound and one bound) will be sent to the client.

Record Retention

All raw data, documentation, records, protocol, specimens, and final report generated as a result of this study will be archived in the storage facilities of Covance-Madison for a period of 1 year following submission of the final report to the Sponsor. One year after submission of the final report, the aforementioned materials will be sent to the Sponsor, and a return fee will be charged; all raw data stored on magnetic media, protocol, study correspondence, and the original final report will be retained by Covance. The Sponsor may elect to have the materials retained in the Covance archives for an additional period of time, and Covance will charge a storage fee. If the Sponsor chooses to have Covance dispose of the materials, a disposal fee will be charged.

PCNA antigen evaluation data will be retained by Pathology Associates International.

Liver and serum samples sent to the Sponsor and analysis data will be retained by the Sponsor.

PROTOCOL APPROVAL

Andrew M. Seacat, PhD
Study Monitor
3M

8/31/98
Date

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

8/27/98
Date

COVANCE
THE DEVELOPMENT SERVICES COMPANY

PROTOCOL AMENDMENT NO. 1

Covance 6329-225

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Sponsor:	3M, St. Paul, Minnesota
Study Monitor:	Andrew M. Seacat, PhD
Testing Facility:	Covance Laboratories Inc., Madison, Wisconsin
Study Director:	Peter J. Thomford, PhD

This amendment modifies the following portion of the protocol:

Effective August 27, 1998

1. **Page 3, Proposed Study Timetable.** To correct the audited draft report date, delete the text in this section and replace with the following:

   In-Life Start Date: September 1, 1998
   In-Life End Date: December 3, 1998
   Audited Draft Report Date: May 26, 1999

Effective October 1, 1998

2. **Page 12, Postmortem Procedures, Cell Proliferation Tissue Collection and Immunohistochemical Evaluation, Paragraph 1.** To reflect the decision to perform proliferation cell nuclear antigen evaluation for five animals/sex/group only, delete this paragraph and replace with the following:

   At the scheduled sacrifice after 13 weeks of treatment, representative samples of the left lateral lobe of the liver from five animals/sex/group will be collected and preserved in zinc formalin.

000147

AMENDMENT APPROVAL

Andrew M. Seacat, PhD
Study Monitor
3M

11/5/98
Date

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

10/26/98
Date

COVANCE
THE DEVELOPMENT SERVICES COMPANY

PROTOCOL AMENDMENT NO. 2

Covance 6329-225

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Sponsor:	3M, St. Paul, Minnesota
Study Monitor:	Andrew M. Seacat, PhD
Testing Facility:	Covance Laboratories Inc., Madison, Wisconsin
Study Director:	Peter J. Thomford, PhD

This amendment modifies the following portion of the protocol:

Effective October 21, 1998

1. **Page 8, Dose Preparation, Dose Analysis, Stability.** To reflect the decision to perform additional stability analysis, add the following to this section:

   Two additional samples (approximately 100 g each) will be taken from the 3-ppm dose preparation mixed for Week 9 through 12. One sample will be stored at room temperature for at least 19 days, then analyzed. The second sample will be stored at room temperature for at least 32 days, then analyzed. The sample collected for dose confirmation analysis will be used as the baseline sample.

000149

Effective December 4, 1998

2. **Page 13, Postmortem Procedures, Liver PFOS Analysis, Sentence 1.** To clarify collection of liver sections for PFOS analysis, delete this sentence and replace with the following:

   At scheduled sacrifices, the remaining portion of the liver from each animal after other required collections will be flash-frozen in liquid nitrogen and stored in a freezer set to maintain -60 to -80°C.

Effective December 15, 1998

3. **Page 13, Postmortem Procedures, Cell Proliferation Tissue Collection and Immunohistochemical Evaluation, Paragraph 3.** To include examination of liver sections will be stained with hematoxylin and eosin as part of the cell proliferation evaluation, delete this paragraph and replace with the following:

   Proliferation cell nuclear antigen (PCNA) evaluation will be done on the samples. In addition, liver sections will be stained with hematoxylin and eosin and examined microscopically. Results will be provided for inclusion in the final report.

Effective January 25, 1999

4. **Page 14, Postmortem Procedures, Histopathology, Paragraph 3.** Liver and stomach were identified as target organs in animals in the high-dose group and will be examined in animals from the mid-dose group. Therefore delete this paragraph and replace with the following:

   Liver and stomach from each animal in the mid-dose group will be embedded in paraffin, sectioned, stained with hematoxylin and eosin, and examined microscopically.

Effective February 8, 1999

5. **Page 14, Postmortem Procedures, Histopathology, Paragraph 3.** Liver and was identified as target organ in animals in the mid-dose group and will be examined in animals from the low-dose group. Therefore delete this paragraph and replace with the following:

Liver and stomach from each animal in the mid-dose group and liver from each animal in the low-dose group will be embedded in paraffin, sectioned, stained with hematoxylin and eosin, and examined microscopically.

AMENDMENT APPROVAL

Andrew M. Seacat

Andrew M. Seacat, PhD
Study Monitor
3M

3/10/99
Date

Peter J. Thomford

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

2/25/99
Date

COVANCE
THE DEVELOPMENT SERVICES COMPANY

PROTOCOL AMENDMENT NO. 3

Covance 6329-225

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Sponsor:	3M, St. Paul, Minnesota
Study Monitor:	Andrew M. Seacat, PhD
Testing Facility:	Covance Laboratories Inc., Madison, Wisconsin
Study Director:	Peter J. Thomford, PhD

This amendment modifies the following portion of the protocol:

Effective August 28, 1998

1. **Page 4.** To include the vehicle used to dissolve the test material before mixing with the diet, add the following section.

Vehicle

Identification
Acetone

Lot Numbers
The lot numbers will be maintained in the raw data.

Purity
On file with the manufacturer

Stability
On file with the manufacturer

Storage Conditions
At room temperature

Characteristics
Information on synthesis methods, composition, or other characteristics that define the vehicle is on file with the manufacturer.

AMENDMENT APPROVAL

Andrew M. Seacat

Andrew M. Seacat, PhD
Study Monitor
3M

Date June 10th 1999

Peter J. Thomford

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

Date 01 June 1999

(1) To Correct an error.

PJT 17 FEB 2000

APPENDIX 2

Individual Animal Fate Data
Individual Clinical Observations
Individual Ophthalmic Observations

000154

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C95901	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95902	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95903	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95904	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95905	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95906	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95907	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95908	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95909	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95910	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95911	1	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95912	1	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95913	1	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95914	1	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95915	1	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95916	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95917	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95918	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95919	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95920	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95921	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95922	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95923	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95924	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95925	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95926	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95927	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95928	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95929	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95930	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95931	2	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95932	2	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95933	2	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95934	2	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5

000155

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C95935	2	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95936	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95937	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95938	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95939	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95940	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95941	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95942	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95943	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95944	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95945	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95946	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95947	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95948	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95949	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95950	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95951	3	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95952	3	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95953	3	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95954	3	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95955	3	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95956	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95957	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95958	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95959	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95960	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95961	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95962	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95963	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95964	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95965	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95966	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95967	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95968	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14

000456

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C95969	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95970	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95971	4	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95972	4	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95973	4	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95974	4	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95975	4	MALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95976	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95977	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95978	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95979	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95980	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95981	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95982	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95983	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95984	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95985	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95986	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95987	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95988	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95989	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95990	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95991	1	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95992	1	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95993	1	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95994	1	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95995	1	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C95996	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95997	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95998	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C95999	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96000	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96001	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96002	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14

257000

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C96003	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96004	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96005	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96006	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96007	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96008	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96009	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96010	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96011	2	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96012	2	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96013	2	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96014	2	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96015	2	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96016	2	FEMALE	M	UNSCHEDULED	UNSCHEDULED DEATH	10/29/98	59	9
C96017	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96018	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96019	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96020	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96021	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96022	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96023	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96024	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96025	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96026	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96027	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96028	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96029	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96030	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96031	3	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96032	3	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96033	3	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96034	3	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96035	3	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96036	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14

0001458

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C96037	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96038	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96039	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96040	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96041	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96042	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96043	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96044	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96045	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96046	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96047	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96048	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96049	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96050	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96051	4	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96052	4	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96053	4	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96054	4	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96055	4	FEMALE	1	SCHEDULED	FIRST INTERIM SACRIFICE	10/01/98	31	5
C96056	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96057	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96058	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96059	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14
C96060	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	12/02/98	93	14

000259

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY / KEYWORD / QUALIFIER (GROUP: M1 DOSE: 0 PPM)	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95901	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95902	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95903	T	14	APPEARANCE	
			MALOCCLUSION	29, 36
			SKIN & PELAGE	
			BLACK SKIN	
			TAIL-DISTAL	50, 57, 64, 71
C95904	T	14	DISCHARGE	
			GENITAL	
			RED IN COLOR	92
C95905	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95906	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95907	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95908	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95909	T	14	APPEARANCE	
			MALOCCLUSION	71, 78, 85, 92-93

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M1 DOSE: 0 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95910	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95911	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95912	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95913	1	5	APPEARANCE MALOCCLUSION	22, 29, 31
C95914	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95915	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95916	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95917	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95918	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95919	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95920	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	

T97000

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY / KEYWORD / QUALIFIER (GROUP: M2 DOSE: 3 PPM)	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95921	T	14	APPEARANCE	
			MALOCCLUSION	22, 29
C95922	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95923	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95924	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95925	T	14	APPEARANCE	
			MALOCCLUSION	71, 78, 85, 92-93
			THIN	71
C95926	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95927	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95928	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95929	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95930	T	14	APPEARANCE	
			MALOCCLUSION	64, 71, 78
C95931	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	GROUP: M2 DOSE: 3 PPM DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95932	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95933	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95934	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95935	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95936	T	14	APPEARANCE MALOCCLUSION	78, 85, 92-93
C95937	T	14	APPEARANCE MALOCCLUSION	78, 85, 92-93
C95938	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95939	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95940	T	14	APPEARANCE MALOCCLUSION	29, 36, 43, 50, 57, 64, 71, 78, 85, 92-93

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M3 DOSE: 30 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95941	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95942	T	14	APPEARANCE MALOCCLUSION	50, 57, 64, 71, 78, 85, 92-93
C95943	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95944	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95945	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95946	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95947	T	14	APPEARANCE MALOCCLUSION	43, 50, 57, 64, 71
C95948	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95949	T	14	APPEARANCE MALOCCLUSION	85, 92-93
			SKIN & PELAGE YELLOW HAIR COAT PENIS	92-93

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M3 DOSE: 30 PPM

DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW;
'C' - COMMENTS LISTED AT END OF OBSERVATIONS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER
C95950	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95951	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95952	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95953	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95954	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95955	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95956	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95957	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95958	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95959	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C95960	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M4 DOSE: 100 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95961	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95962	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95963	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95964	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95965	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95966	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95967	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95968	T	14	APPEARANCE	
			MALOCCLUSION	55, 57, 64, 71, 78, 85, 92-93
			MISSING	
			TEETH	55
			DISCHARGE	
			NASAL	
			RED IN COLOR	55
			EYES	
			RED DISCHARGE	
			EYES	55
			RESPIRATION	
			AUDIBLE	55

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M4 DOSE: 100 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95969	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95970	T	14	APPEARANCE MALOCCLUSION	64, 71, 78, 85, 92-93
C95971	1	5	APPEARANCE MALOCCLUSION	29, 31
C95972	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95973	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95974	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95975	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95976	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95977	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95978	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95979	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95980	T	14	APPEARANCE MALOCCLUSION	29, 36

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY / KEYWORD / QUALIFIER (GROUP: F1 DOSE: 0 PPM)	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95981	T	14	APPEARANCE	
			LIMITED USE	
			LIMB-HIND-LEFT	64
			SWOLLEN	
			LIMB-HIND-LEFT	64
C95982	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95983	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95984	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95985	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95986	T	14	APPEARANCE	
			MALOCCLUSION	85, 92-93
C95987	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95988	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95989	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95990	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	

837000

Appendix 2

Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F1 DOSE: 0 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C95991	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95992	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95993	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95994	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95995	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95996	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95997	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95998	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95999	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96000	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	

69T000

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F2 DOSE: 3 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C96001	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96002	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96003	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96004	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96005	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96006	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96007	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96008	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96009	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96010	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96011	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96012	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96013	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

000170

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F2 DOSE: 3 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C96014	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96015	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96016	M	9	APPEARANCE MALOCCLUSION	22, 29
			SKIN & PELAGE SORE/SCAB TAIL	59
C96017	T	14	APPEARANCE MALOCCLUSION	78, 85, 92-93
C96018	T	14	APPEARANCE MALOCCLUSION	15
C96019	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96020	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	

001274

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F3 DOSE: 30 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C96021	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96022	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96023	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96024	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96025	T	14	APPEARANCE MALOCCLUSION	78, 85, 92-93
C96026	T	14	APPEARANCE MALOCCLUSION	57, 64
C96027	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96028	T	14	APPEARANCE MALOCCLUSION	78, 85, 92-93
			SKIN & PELAGE SORE/SCAB MOUTH	78
C96029	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	

27T000

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F3 DOSE: 30 PPM

DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW;
'C' - COMMENTS LISTED AT END OF OBSERVATIONS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER
C96030	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96031	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96032	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96033	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96034	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96035	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96036	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96037	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96038	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96039	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96040	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS

000173

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F4 DOSE: 100 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C96041	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96042	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96043	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96044	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96045	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96046	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96047	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96048	T	14	APPEARANCE MALOCCLUSION	50
C96049	T	14	APPEARANCE MISSING TAIL-DISTAL	36, 43, 50, 57, 64, 71, 78, 85, 92-93
C96050	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96051	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

0001774

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Individual Clinical Observations

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F4 DOSE: 100 PPM

DAYS 1-93 - OBSERVED DURING THE DAYS LISTED BELOW;
'C' - COMMENTS LISTED AT END OF OBSERVATIONS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER
C96052	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96053	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96054	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96055	1	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96056	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96057	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96058	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96059	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS
C96060	T	14	ANIMAL HAS NO SIGNIFICANT FINDINGS

000175

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M1 DOSE: 0 PPM

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	WEEK 14
C95901	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95902	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95903	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95904	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95905	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95906	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95907	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95908	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95909	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95910	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95916	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95917	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95918	ANIMAL HAS NO SIGNIFICANT FINDINGS	

9270000

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: M1	DOSE: 0 PPM	WEEK 14
C95919	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C95920	ANIMAL HAS NO SIGNIFICANT FINDINGS			

27T000

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY / KEYWORD / QUALIFIER	GROUP: M2 DOSE: 3 PPM WEEK 14
C95921	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95922	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95923	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95924	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95925	CONJUNCTIVA / CONJUNCTIVITIS / EYES	14
C95926	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95927	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95928	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95929	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95930	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95936	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95937	ANIMAL HAS NO SIGNIFICANT FINDINGS	

827000

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: M2	DOSE: 3 PPM	WEEK 14
C95938	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C95939	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C95940	ANIMAL HAS NO SIGNIFICANT FINDINGS			

0017279

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY / KEYWORD / QUALIFIER	GROUP: M3 DOSE: 30 PPM WEEK 14
C95941	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95942	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95943	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95944	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95945	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95946	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95947	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95948	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95949	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95950	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95956	RETINA RETINAL DEGENERATION-FOCAL EYE-RIGHT	14
C95957	ANIMAL HAS NO SIGNIFICANT FINDINGS	

000180

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: M3	DOSE: 30 PPM	WEEK 14
C95958	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C95959	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C95960	ANIMAL HAS NO SIGNIFICANT FINDINGS			

T8T000181

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M4 DOSE: 100 PPM

ANIMAL NUMBER	CATEGORY / KEYWORD / QUALIFIER	WEEK 14
C95961	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95962	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95963	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95964	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95965	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95966	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95967	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95968	CONJUNCTIVA CONJUNCTIVITIS EYE-LEFT	14
C95969	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95970	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95976	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95977	ANIMAL HAS NO SIGNIFICANT FINDINGS	

28T000 00182

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: M4	DOSE: 100 PPM	WEEK 14
C95978	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C95979	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C95980	ANIMAL HAS NO SIGNIFICANT FINDINGS			

000183

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: F1 DOSE: 0 PPM

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	WEEK 14
C95981	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95982	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95983	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95984	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95985	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95986	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95987	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95988	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95989	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95990	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95996	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95997	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C95998	ANIMAL HAS NO SIGNIFICANT FINDINGS	

000184

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: F1 DOSE: 0 PPM WEEK 14
C95999	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96000	ANIMAL HAS NO SIGNIFICANT FINDINGS	

000185

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Individual Ophthalmic Observations
Week 14

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: F2	DOSE: 3 PPM	WEEK 14
C96001	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96002	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96003	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96004	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96005	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96006	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96007	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96008	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96009	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96010	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96016	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96017	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96018	ANIMAL HAS NO SIGNIFICANT FINDINGS			

960000

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Individual Ophthalmic Observations
Week 14

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: F2	DOSE: 3 PPM	WEEK 14
C96019	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96020	ANIMAL HAS NO SIGNIFICANT FINDINGS			

2ST000

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: F3 DOSE: 30 PPM WEEK 14
C96021	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96022	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96023	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96024	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96025	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96026	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96027	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96028	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96029	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96030	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96036	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96037	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96038	ANIMAL HAS NO SIGNIFICANT FINDINGS	

000188

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: F3	DOSE: 30 PPM	WEEK 14
C96039	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96040	ANIMAL HAS NO SIGNIFICANT FINDINGS			

6870000

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: F4	DOSE: 100 PPM	WEEK 14
C96041	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96042	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96043	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96044	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96045	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96046	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96047	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96048	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96049	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96050	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96056	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96057	ANIMAL HAS NO SIGNIFICANT FINDINGS			
C96058	ANIMAL HAS NO SIGNIFICANT FINDINGS			

061090

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Individual Ophthalmic Observations
Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	CATEGORY KEYWORD QUALIFIER	GROUP: F4 DOSE: 100 PPM WEEK 14
C96059	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C96060	ANIMAL HAS NO SIGNIFICANT FINDINGS	

0001791

APPENDIX 3

Individual Body Weight Data (g)

000192

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 1 - 0 PPM										
C95901	208	261	314	352	380	391	420	430	455	473
C95902	216	271	321	362	392	407	433	444	473	491
C95903	204	254	308	355	374	398	424	437	459	472
C95904	206	259	315	361	395	409	436	453	472	485
C95905	204	257	303	341	376	386	411	433	453	466
C95906	197	250	304	355	391	411	445	461	485	507
C95907	208	253	298	342	366	383	406	417	438	455
C95908	202	262	316	364	399	417	442	461	480	497
C95909	203	254	288	319	352	359	384	395	417	428
C95910	215	272	326	377	415	429	457	477	505	533
C95911	225	273	304	337	361					
C95912	222	281	334	389	411					
C95913	234	299	345	353	402					
C95914	202	256	302	349	377					
C95915	185	219	245	276	293					
C95916	226	284	342	389	425	462	487	506	531	545
C95917	205	264	324	370	400	428	454	474	502	510
C95918	209	262	321	371	395	418	438	458	476	485
C95919	213	270	326	370	405	427	452	465	491	506
C95920	216	267	317	360	397	422	443	464	481	504
GROUP: MALE 2 - 3 PPM										
C95921	215	267	312	350	372	389	411	422	449	466
C95922	207	256	301	345	374	389	413	421	453	466
C95923	201	253	306	346	374	390	418	437	465	479
C95924	232	281	327	360	388	406	427	445	465	479
C95925	227	282	334	376	402	418	439	461	480	494
C95926	206	250	294	324	350	366	380	401	421	433
C95927	202	251	299	336	359	373	397	417	434	454
C95928	199	257	314	359	391	404	429	447	466	477

001393

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 2 - 3 PPM										
C95929	208	259	311	351	377	393	418	436	461	475
C95930	220	275	329	374	398	413	441	449	472	477
C95931	210	258	316	367	398					
C95932	203	252	303	342	365					
C95933	206	260	308	353	381					
C95934	191	238	283	322	352					
C95935	208	261	318	361	392					
C95936	224	290	355	408	436	465	496	511	528	554
C95937	217	273	321	357	378	395	412	421	444	459
C95938	221	283	335	380	406	426	451	466	486	505
C95939	209	255	299	341	363	384	404	413	433	442
C95940	214	263	311	350	383	398	418	432	455	470
GROUP: MALE 3 - 30 PPM										
C95941	199	245	284	318	342	357	373	387	403	407
C95942	203	248	294	325	347	360	380	372	400	408
C95943	230	283	331	371	397	408	429	452	466	486
C95944	209	263	307	347	366	382	404	413	430	438
C95945	205	261	315	355	385	395	418	443	462	477
C95946	204	253	294	336	369	386	410	425	450	464
C95947	202	252	299	337	368	381	397	415	433	451
C95948	216	265	316	358	380	397	419	433	457	467
C95949	219	276	332	383	413	428	457	478	502	513
C95950	215	268	323	364	389	407	431	445	463	465
C95951	236	297	351	392	416					
C95952	205	250	294	329	347					
C95953	207	258	308	342	362					
C95954	225	279	332	374	404					
C95955	198	259	314	350	381					
C95956	209	264	318	366	396	425	448	469	489	505

0001994

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 3 - 30 PPM										
C95957	226	279	326	367	389	411	427	440	460	474
C95958	205	261	308	343	369	389	406	420	438	459
C95959	190	244	290	323	353	372	392	401	421	436
C95960	214	264	317	348	383	399	420	426	446	452
GROUP: MALE 4 - 100 PPM										
C95961	227	284	334	373	402	417	442	456	476	489
C95962	205	252	292	321	345	356	381	397	412	423
C95963	217	264	310	343	369	389	412	427	452	463
C95964	222	266	317	351	382	389	418	434	447	456
C95965	195	245	283	313	333	344	371	382	393	411
C95966	197	245	284	317	349	360	386	405	426	438
C95967	204	256	301	334	363	374	399	408	423	438
C95968	206	258	310	349	377	390	422	437	417	448
C95969	219	277	317	351	377	386	417	432	451	463
C95970	232	281	329	362	385	394	427	434	453	447
C95971	203	252	298	336	340					
C95972	200	253	304	341	367					
C95973	184	234	271	295	311					
C95974	197	246	293	320	343					
C95975	214	262	306	334	357					
C95976	200	244	283	312	332	350	361	367	380	388
C95977	209	256	299	330	358	376	400	416	432	448
C95978	212	268	313	344	367	391	410	422	439	449
C95979	204	255	300	334	359	379	398	407	419	429
C95980	219	269	313	342	369	382	397	409	429	437

000495

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: FEMALE 1 - 0 PPM										
C95981	156	191	220	240	256	260	273	287	286	288
C95982	142	175	213	216	224	234	241	246	256	261
C95983	146	173	186	195	214	211	224	219	229	231
C95984	169	192	215	241	247	243	251	254	263	276
C95985	162	195	213	234	240	254	262	267	270	286
C95986	169	190	218	230	236	247	260	262	262	273
C95987	146	173	182	213	211	218	220	229	240	250
C95988	150	171	182	215	217	232	239	234	250	251
C95989	153	189	204	228	249	252	254	262	286	283
C95990	172	208	225	256	280	279	292	301	302	322
C95991	168	193	214	219	240					
C95992	148	167	177	203	213					
C95993	158	180	184	207	218					
C95994	172	194	217	229	245					
C95995	152	162	181	201	207					
C95996	165	194	210	237	244	258	260	264	271	276
C95997	152	176	192	211	219	223	233	238	249	252
C95998	167	194	202	226	237	241	241	246	244	250
C95999	173	194	222	260	286	300	318	318	332	345
C96000	161	180	206	225	232	248	261	261	268	275
GROUP: FEMALE 2 - 3 PPM										
C96001	143	161	187	204	201	214	224	228	243	249
C96002	142	160	176	178	200	205	209	209	222	231
C96003	153	168	190	201	196	207	217	215	219	226
C96004	176	153	124	198	218	236	243	239	251	260
C96005	165	187	205	221	224	232	236	241	252	254
C96006	150	170	187	210	218	220	232	234	244	248
C96007	164	188	202	226	234	245	244	250	260	266
C96008	168	186	217	229	238	246	261	260	277	279

967000

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: FEMALE 2 - 3 PPM										
C96009	140	156	166	170	181	190	200	198	205	216
C96010	162	184	209	216	232	240	249	249	265	270
C96011	149	184	203	246	250					
C96012	149	167	193	213	223					
C96013	169	195	217	239	250					
C96014	167	193	214	245	260					
C96015	155	178	205	228	236					
C96016	177	206	232	245	252	266	271	273	284	
C96017	164	194	224	257	271	291	287	287	295	296
C96018	160	189	224	239	243	265	272	275	283	281
C96019	178	203	228	245	247	264	271	280	289	288
C96020	154	184	193	222	224	237	239	242	252	256
GROUP: FEMALE 3 - 30 PPM										
C96021	144	162	182	211	222	225	227	234	242	249
C96022	167	193	221	232	250	249	256	261	271	275
C96023	167	189	210	219	234	234	243	244	255	264
C96024	174	196	220	235	237	243	255	252	269	273
C96025	171	194	197	223	232	235	243	250	251	265
C96026	150	168	188	206	213	211	228	230	232	233
C96027	165	194	222	245	258	266	277	280	297	300
C96028	168	178	217	224	237	240	248	258	266	269
C96029	151	173	197	206	223	227	236	236	245	251
C96030	151	169	189	211	220	223	236	241	251	251
C96031	159	182	191	219	230					
C96032	158	177	195	220	230					
C96033	160	190	210	233	240					
C96034	167	193	220	246	262					
C96035	169	203	227	240	245					
C96036	164	185	206	226	231	238	249	254	261	266

0001497

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: FEMALE 3 - 30 PPM										
C96037	158	190	202	226	228	238	242	248	260	267
C96038	161	178	203	221	228	244	256	261	263	276
C96039	156	181	201	225	233	243	254	254	267	270
C96040	140	162	170	188	198	208	219	219	224	237
GROUP: FEMALE 4 - 100 PPM										
C96041	140	164	180	194	200	201	205	215	223	224
C96042	163	184	200	213	216	224	229	231	239	239
C96043	151	170	188	202	209	211	219	222	226	227
C96044	169	198	217	236	241	253	259	258	268	271
C96045	164	182	207	218	222	234	244	250	255	263
C96046	170	190	211	226	238	249	258	263	269	277
C96047	160	171	185	198	200	206	209	214	219	224
C96048	157	188	199	215	221	227	231	227	239	241
C96049	144	158	163	180	188	189	187	189	198	202
C96050	150	165	187	199	205	205	212	214	216	221
C96051	153	163	185	199	199					
C96052	179	192	208	223	228					
C96053	152	169	176	206	218					
C96054	156	174	180	198	209					
C96055	155	169	172	193	198					
C96056	155	174	190	194	206	215	222	214	222	227
C96057	166	196	218	222	237	248	256	258	262	264
C96058	169	193	224	228	230	241	246	251	257	257
C96059	141	164	176	174	193	199	210	206	218	222
C96060	165	188	213	221	233	245	243	247	258	262

867000

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13	WEEK 14
GROUP: MALE 1 - 0 PPM				
C95901	481	492	508	523
C95902	505	514	533	542
C95903	484	493	510	518
C95904	501	516	531	539
C95905	478	488	495	509
C95906	525	539	561	581
C95907	468	481	501	511
C95908	508	517	526	543
C95909	430	448	459	475
C95910	550	579	596	623
C95916	561	570	588	601
C95917	529	542	559	577
C95918	493	505	520	535
C95919	520	532	551	567
C95920	511	526	545	557
GROUP: MALE 2 - 3 PPM				
C95921	483	494	500	512
C95922	480	494	510	527
C95923	499	505	529	531
C95924	494	503	520	527
C95925	438	474	498	510
C95926	447	457	468	479
C95927	468	485	497	511
C95928	495	501	515	524
C95929	502	517	540	549
C95930	490	502	519	525
C95936	568	575	577	585
C95937	463	444	459	482
C95938	517	515	532	544
C95939	451	465	474	483

000199

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13	WEEK 14
GROUP: MALE 2 - 3 PPM				
C95940	487	504	518	524
GROUP: MALE 3 - 30 PPM				
C95941	419	426	435	448
C95942	421	427	449	454
C95943	501	509	529	534
C95944	444	452	466	475
C95945	486	501	513	524
C95946	476	480	492	502
C95947	457	458	463	471
C95948	478	493	504	515
C95949	534	542	517	413
C95950	473	482	495	502
C95956	518	534	543	558
C95957	479	487	499	516
C95958	471	485	500	502
C95959	448	458	467	476
C95960	460	466	477	481
GROUP: MALE 4 - 100 PPM				
C95961	497	509	513	522
C95962	434	443	457	468
C95963	478	488	501	511
C95964	466	474	485	499
C95965	422	430	443	453
C95966	451	461	468	482
C95967	449	460	472	480
C95968	458	468	485	494
C95969	475	481	485	500

002000

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13	WEEK 14
GROUP: MALE 4 - 100 PPM				
C95970	460	462	468	473
C95976	393	404	408	418
C95977	458	469	479	490
C95978	465	475	485	490
C95979	441	452	459	469
C95980	442	450	458	465
GROUP: FEMALE 1 - 0 PPM				
C95981	292	313	307	331
C95982	262	267	271	275
C95983	240	241	241	246
C95984	280	285	284	299
C95985	293	297	296	312
C95986	281	285	290	297
C95987	251	256	264	272
C95988	264	261	276	283
C95989	284	299	311	310
C95990	330	332	349	341
C95996	278	281	292	291
C95997	256	266	271	277
C95998	257	262	266	267
C95999	362	372	388	394
C96000	286	292	290	298
GROUP: FEMALE 2 - 3 PPM				
C96001	245	253	253	263
C96002	236	237	243	251
C96003	234	231	232	244
C96004	267	268	279	298

002001

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13	WEEK 14
GROUP: FEMALE 2 - 3 PPM				
C96005	257	261	266	269
C96006	251	258	266	274
C96007	268	271	280	292
C96008	289	296	300	305
C96009	216	218	226	231
C96010	274	275	283	292
C96017	303	301	318	303
C96018	299	292	307	306
C96019	300	298	313	321
C96020	257	261	260	267
GROUP: FEMALE 3 - 30 PPM				
C96021	247	254	258	262
C96022	274	284	283	292
C96023	265	265	274	277
C96024	271	273	278	283
C96025	273	274	265	275
C96026	247	249	257	255
C96027	300	312	322	323
C96028	280	279	290	295
C96029	252	252	257	265
C96030	254	258	262	262
C96036	270	270	276	275
C96037	261	273	269	283
C96038	282	290	291	304
C96039	274	276	285	284
C96040	239	241	239	251

202000

Appendix 3

Individual Body Weight Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13	WEEK 14
GROUP: FEMALE 4 - 100 PPM				
C96041	222	231	234	236
C96042	242	246	249	247
C96043	232	239	242	239
C96044	276	282	283	287
C96045	269	271	273	280
C96046	279	283	284	290
C96047	224	226	227	231
C96048	248	243	247	259
C96049	203	207	208	213
C96050	225	228	233	239
C96056	228	224	226	229
C96057	270	267	276	279
C96058	256	262	269	271
C96059	227	219	228	232
C96060	267	269	275	271

000203

APPENDIX 4

Individual Food Consumption Data (g)
Individual Test Material Consumption Data (mg/kg/day)

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 1 - 0 PPM										
C95901	165	168	171	183	159	179	181	181	176	170
C95902	172	174	179	190	178	197	187	187	192	190
C95903	160	173	176	187	162	190	182	181	182	177
C95904	176	182	191	202	177	203	202	208	213	215
C95905	164	165	175	182	166	182	SPILLED	SPILLED	214	184
C95906	161	166	182	199	168	199	195	188	183	192
C95907	156	158	169	174	157	180	177	167	166	161
C95908	177	183	192	202	172	197	199	192	190	192
C95909	152	151	154	SPILLED	147	170	164	165	160	153
C95910	175	179	191	198	176	194	200	193	208	SPILLED
C95911	172	165	162	172						
C95912	187	191	194	198						
C95913	181	179	169	174						
C95914	164	172	180	187						
C95915	136	SPILLED	163	142						
C95916	176	188	191	192	192	194	190	186	185	193
C95917	187	185	184	185	189	187	189	186	178	179
C95918	168	181	186	187	184	180	182	181	178	176
C95919	178	207	231	SPILLED	233	233	242	SPILLED	240	253
C95920	164	168	179	190	192	185	189	184	188	183
GROUP: MALE 2 - 3 PPM										
C95921	162	170	168	175	168	176	185	SPILLED	187	192
C95922	163	168	175	179	158	175	176	183	178	171
C95923	159	170	175	178	163	185	186	191	187	190
C95924	171	177	179	184	164	186	186	186	183	183
C95925	185	195	SPILLED	214	187	206	211	215	203	99
C95926	164	162	167	168	157	171	177	167	167	165
C95927	161	168	165	170	155	172	177	175	173	170
C95928	187	189	188	202	SPILLED	201	206	201	197	189

SO2000

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 2 - 3 PPM										
C95929	175	186	191	195	191	237	234	SPILLED	235	227
C95930	177	194	218	195	176	208	190	186	186	170
C95931	155	SPILLED	215	SPILLED						
C95932	160	165	166	173						
C95933	165	172	176	172						
C95934	156	161	164	169						
C95935	183	195	197	197						
C95936	171	189	203	197	192	191	194	188	189	187
C95937	163	172	175	178	184	184	186	SPILLED	198	195
C95938	177	189	197	204	186	194	197	199	197	202
C95939	163	174	187	191	199	185	184	180	168	169
C95940	165	171	176	184	179	178	187	185	189	188
GROUP: MALE 3 - 30 PPM										
C95941	154	159	158	166	152	162	159	153	145	145
C95942	156	162	161	166	152	170	145	153	158	166
C95943	178	184	190	197	162	186	189	183	185	178
C95944	174	179	183	186	164	189	180	178	169	168
C95945	168	184	191	193	179	198	197	187	187	183
C95946	169	168	180	189	173	186	184	189	178	175
C95947	151	161	166	171	152	168	162	155	157	149
C95948	166	179	200	188	176	185	183	185	182	181
C95949	172	186	197	201	181	207	209	204	200	199
C95950	168	180	189	188	168	200	191	189	190	180
C95951	181	185	193	192						
C95952	155	161	167	174						
C95953	178	186	192	187						
C95954	184	197	202	216						
C95955	194	197	200	210						
C95956	208	SPILLED	214	228	SPILLED	259	246	SPILLED	226	223

902000

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 3 - 30 PPM										
C95957	166	179	188	189	184	181	182	180	176	167
C95958	168	175	180	182	181	194	176	183	188	180
C95959	163	176	178	193	185	193	189	190	188	181
C95960	168	181	181	200	192	175	175	178	167	164
GROUP: MALE 4 - 100 PPM										
C95961	183	189	191	194	171	200	194	192	188	180
C95962	159	168	165	167	154	179	178	171	171	167
C95963	172	171	171	171	165	184	179	180	183	176
C95964	172	191	181	194	171	185	190	185	179	175
C95965	159	168	168	172	157	177	172	165	169	162
C95966	158	167	171	173	154	180	179	178	180	183
C95967	170	178	175	179	157	179	183	176	179	177
C95968	188	184	191	197	171	195	194	159	158	191
C95969	181	179	178	180	155	183	183	181	178	177
C95970	171	198	SPILLED	187	170	195	187	187	174	173
C95971	159	166	170	152						
C95972	160	169	172	172						
C95973	165	170	164	167						
C95974	162	175	170	172						
C95975	164	168	169	173						
C95976	162	167	164	165	161	163	162	157	155	146
C95977	163	174	169	177	173	182	186	181	184	176
C95978	166	171	165	170	171	172	173	174	180	180
C95979	170	175	177	176	183	175	179	170	171	170
C95980	174	182	178	177	180	181	184	182	180	174

202000

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP:	FEMALE 1 - 0 PPM									
C95981	138	150	153	153	129	161	159	129	104	137
C95982	127	143	123	116	115	126	134	120	119	114
C95983	127	139	SPILLED	SPILLED	108	120	SPILLED	102	SPILLED	130
C95984	126	130	145	137	125	138	148	150	141	131
C95985	135	128	133	137	132	137	137	135	136	129
C95986	137	152	132	138	121	SPILLED	130	127	132	128
C95987	124	123	163	130	113	128	151	129	132	119
C95988	124	114	127	125	SPILLED	130	119	126	125	126
C95989	135	134	144	SPILLED	137	SPILLED	SPILLED	SPILLED	SPILLED	244
C95990	162	147	165	170	135	156	158	140	147	147
C95991	131	126	135	159						
C95992	111	101	116	116						
C95993	121	108	119	125						
C95994	129	133	138	146						
C95995	111	SPILLED	162	118						
C95996	122	126	127	127	121	119	121	113	109	109
C95997	111	107	114	115	119	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED
C95998	120	112	119	119	126	113	161	SPILLED	119	113
C95999	98	144	145	163	166	171	157	163	163	181
C96000	SPILLED	145	158	SPILLED	156	156	151	171	SPILLED	SPILLED
GROUP:	FEMALE 2 - 3 PPM									
C96001	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	121	176	SPILLED	SPILLED	107
C96002	103	106	104	121	106	109	111	119	113	106
C96003	106	113	110	107	105	106	106	SPILLED	109	109
C96004	169	45	127	SPILLED	125	138	134	140	144	166
C96005	125	120	122	125	119	125	127	161	129	120
C96006	SPILLED	SPILLED	SPILLED	SPILLED	112	SPILLED	SPILLED	123	SPILLED	SPILLED
C96007	119	122	133	137	SPILLED	132	149	137	133	136
C96008	148	SPILLED	144	148	113	145	137	146	135	136

802000

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: FEMALE 2 - 3 PPM										
C96009	115	SPILLED	SPILLED	108	99	147	171	125	119	104
C96010	117	122	127	137	124	141	SPILLED	139	151	136
C96011	133	128	148	153						
C96012	113	143	SPILLED	128						
C96013	SPILLED	152	167	150						
C96014	131	135	144	150						
C96015	124	129	132	137						
C96016	122	131	130	127	131	131	128	130	NOT TAKEN	
C96017	136	131	153	151	157	140	141	137	138	138
C96018	140	144	158	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	139	146
C96019	131	143	137	137	147	145	149	146	142	143
C96020	SPILLED	120	126	126	126	120	128	125	117	114
GROUP: FEMALE 3 - 30 PPM										
C96021	SPILLED	178	140	142	134	152	SPILLED	127	SPILLED	117
C96022	131	SPILLED	149	150	SPILLED	141	140	127	131	127
C96023	117	125	131	137	113	154	131	138	131	130
C96024	129	126	129	134	117	132	SPILLED	131	121	121
C96025	133	123	135	135	120	137	129	134	139	127
C96026	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	155	SPILLED	SPILLED	SPILLED	171
C96027	208	SPILLED	188	SPILLED	SPILLED	181	SPILLED	SPILLED	164	162
C96028	124	137	132	135	120	128	138	137	139	134
C96029	129	SPILLED	159	135	115	SPILLED	SPILLED	158	SPILLED	220
C96030	131	130	138	139	130	139	146	130	133	130
C96031	135	SPILLED	163	SPILLED						
C96032	124	140	128	131						
C96033	124	129	137	133						
C96034	162	139	139	164						
C96035	149	151	136	142						
C96036	117	118	122	118	SPILLED	159	SPILLED	138	SPILLED	SPILLED

6026009

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: FEMALE 3 - 30 PPM										
C96037	130	127	178	SPILLED	125	130	129	136	127	122
C96038	120	161	SPILLED	SPILLED	SPILLED	194	SPILLED	SPILLED	SPILLED	149
C96039	185	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	159	SPILLED	SPILLED
C96040	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	225	SPILLED
GROUP: FEMALE 4 - 100 PPM										
C96041	135	110	109	120	106	125	117	113	111	110
C96042	100	92	96	99	99	107	106	109	104	96
C96043	107	104	103	105	102	109	105	102	104	106
C96044	136	127	137	142	132	142	129	141	135	128
C96045	118	128	124	145	124	148	142	140	146	140
C96046	SPILLED	SPILLED	127	130	128	136	SPILLED	151	149	125
C96047	108	107	105	99	102	106	104	109	103	100
C96048	128	111	102	111	100	110	102	111	114	115
C96049	101	SPILLED	99	102	94	105	98	106	108	102
C96050	133	SPILLED	124	120	104	117	114	109	111	108
C96051	101	107	101	106						
C96052	149	126	140	128						
C96053	113	108	118	121						
C96054	SPILLED	SPILLED	SPILLED	151						
C96055	105	100	104	108						
C96056	109	108	110	116	112	111	103	107	101	102
C96057	175	133	130	159	149	137	132	133	124	135
C96058	124	133	124	121	127	125	129	124	121	127
C96059	118	143	107	121	121	124	125	SPILLED	SPILLED	SPILLED
C96060	129	123	116	120	122	115	125	121	123	115

000210

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP:	MALE 1 - 0 PPM		
C95901	167	171	172
C95902	180	184	180
C95903	176	182	179
C95904	216	213	198
C95905	244	SPILLED	177
C95906	192	199	190
C95907	163	168	SPILLED
C95908	194	195	194
C95909	157	157	157
C95910	SPILLED	198	208
C95916	182	184	182
C95917	179	183	SPILLED
C95918	179	181	173
C95919	260	SPILLED	241
C95920	187	186	181
GROUP:	MALE 2 - 3 PPM		
C95921	208	204	203
C95922	174	176	171
C95923	188	185	169
C95924	184	188	184
C95925	190	199	193
C95926	158	153	154
C95927	177	176	167
C95928	194	197	178
C95929	221	207	189
C95930	177	184	177
C95936	179	161	172
C95937	154	140	181
C95938	195	199	188
C95939	168	168	166

000211

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP: MALE 2 - 3 PPM			
C95940	184	184	175
GROUP: MALE 3 - 30 PPM			
C95941	147	145	139
C95942	166	169	181
C95943	175	181	171
C95944	162	163	158
C95945	183	182	188
C95946	SPILLED	174	167
C95947	143	141	138
C95948	182	178	182
C95949	192	175	7
C95950	184	190	188
C95956	233	224	207
C95957	164	167	165
C95958	184	182	173
C95959	183	185	178
C95960	161	166	156
GROUP: MALE 4 - 100 PPM			
C95961	177	178	178
C95962	159	164	157
C95963	182	183	175
C95964	177	178	178
C95965	163	169	168
C95966	175	172	164
C95967	177	177	166
C95968	197	199	175
C95969	169	170	170

000212

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP: MALE 4 - 100 PPM			
C95970	163	163	157
C95976	SPILLED	146	147
C95977	178	175	171
C95978	170	175	169
C95979	165	172	173
C95980	174	174	176
GROUP: FEMALE 1 - 0 PPM			
C95981	175	123	182
C95982	116	109	109
C95983	SPILLED	165	171
C95984	139	124	128
C95985	134	131	135
C95986	130	125	111
C95987	125	117	122
C95988	117	131	114
C95989	SPILLED	SPILLED	SPILLED
C95990	139	148	117
C95996	111	111	109
C95997	SPILLED	213	SPILLED
C95998	SPILLED	122	SPILLED
C95999	176	168	160
C96000	SPILLED	SPILLED	SPILLED
GROUP: FEMALE 2 - 3 PPM			
C96001	110	104	101
C96002	112	114	105
C96003	111	114	107
C96004	134	138	137

000213

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP: FEMALE 2 - 3 PPM			
C96005	120	116	113
C96006	SPILLED	SPILLED	SPILLED
C96007	141	149	136
C96008	132	130	126
C96009	SPILLED	129	SPILLED
C96010	135	150	130
C96017	118	127	97
C96018	123	147	SPILLED
C96019	139	143	150
C96020	110	119	113
GROUP: FEMALE 3 - 30 PPM			
C96021	195	127	125
C96022	132	121	126
C96023	125	121	121
C96024	123	123	118
C96025	125	107	115
C96026	SPILLED	250	220
C96027	193	183	148
C96028	116	120	124
C96029	SPILLED	177	SPILLED
C96030	122	123	125
C96036	SPILLED	129	212
C96037	128	128	134
C96038	139	134	130
C96039	197	172	162
C96040	SPILLED	174	SPILLED

000214

Appendix 4

Individual Food Consumption Data (g)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP: FEMALE 4 - 100 PPM			
C96041	108	106	103
C96042	97	99	96
C96043	103	99	96
C96044	131	129	129
C96045	133	137	137
C96046	123	122	128
C96047	97	100	105
C96048	118	118	125
C96049	106	105	103
C96050	107	112	106
C96056	97	96	101
C96057	SPILLED	132	131
C96058	119	120	197
C96059	SPILLED	SPILLED	SPILLED
C96060	118	116	112

ST2000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 2 - 3 PPM										
C95921	0.3	0.3	0.2	0.2	0.2	0.2	0.2	SPILLED	0.2	0.2
C95922	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95923	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95924	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95925	0.3	0.3	SPILLED	0.2	0.2	0.2	0.2	0.2	0.2	0.1
C95926	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95927	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95928	0.4	0.3	0.2	0.2	SPILLED	0.2	0.2	0.2	0.2	0.2
C95929	0.3	0.3	0.2	0.2	0.2	0.3	0.2	SPILLED	0.2	0.2
C95930	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95931	0.3	SPILLED	0.3	SPILLED	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95932	0.3	0.3	0.2	0.2	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95933	0.3	0.3	0.2	0.2	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95934	0.3	0.3	0.2	0.2	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95935	0.3	0.3	0.2	0.2	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95936	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
C95937	0.3	0.2	0.2	0.2	0.2	0.2	0.2	SPILLED	0.2	0.2
C95938	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95939	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C95940	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
GROUP: MALE 3 - 30 PPM										
C95941	3.0	2.6	2.2	2.2	1.9	1.9	1.8	1.7	1.5	1.5
C95942	3.0	2.6	2.2	2.1	1.8	2.0	1.7	1.7	1.7	1.7
C95943	3.0	2.6	2.3	2.2	1.7	1.9	1.8	1.7	1.7	1.5
C95944	3.2	2.7	2.4	2.2	1.9	2.1	1.9	1.8	1.7	1.6
C95945	3.1	2.7	2.4	2.2	2.0	2.1	2.0	1.8	1.7	1.6
C95946	3.2	2.6	2.4	2.3	2.0	2.0	1.9	1.9	1.7	1.6
C95947	2.9	2.5	2.2	2.1	1.7	1.9	1.7	1.6	1.5	1.4
C95948	3.0	2.6	2.5	2.2	1.9	1.9	1.8	1.8	1.7	1.6

9T2000 0021216

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: MALE 3 - 30 PPM										
C95949	3.0	2.6	2.4	2.2	1.8	2.0	1.9	1.8	1.7	1.6
C95950	3.0	2.6	2.4	2.1	1.8	2.0	1.9	1.8	1.8	1.6
C95951	2.9	2.4	2.2	2.0	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95952	2.9	2.5	2.3	2.2	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95953	3.3	2.8	2.5	2.3	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95954	3.1	2.8	2.5	2.4	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95955	3.6	2.9	2.6	2.5	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95956	3.8	SPILLED	2.7	2.6	SPILLED	2.5	2.3	SPILLED	1.9	1.9
C95957	2.8	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5
C95958	3.1	2.6	2.4	2.2	2.0	2.1	1.8	1.8	1.8	1.7
C95959	3.2	2.8	2.5	2.4	2.2	2.2	2.0	2.0	1.9	1.8
C95960	3.0	2.7	2.3	2.3	2.1	1.8	1.8	1.7	1.6	1.5
GROUP: MALE 4 - 100 PPM										
C95961	10.2	8.7	7.7	7.2	6.0	6.7	6.2	5.9	5.6	5.2
C95962	9.9	8.8	7.7	7.2	6.3	6.9	6.5	6.0	5.9	5.6
C95963	10.2	8.5	7.5	6.9	6.2	6.6	6.1	5.9	5.7	5.3
C95964	10.1	9.4	7.7	7.6	6.3	6.5	6.4	6.0	5.7	5.4
C95965	10.3	9.1	8.1	7.6	6.6	7.1	6.5	6.1	6.0	5.6
C95966	10.2	9.0	8.1	7.4	6.2	6.9	6.5	6.1	6.0	5.9
C95967	10.6	9.1	7.9	7.3	6.1	6.6	6.5	6.1	5.9	5.7
C95968	11.6	9.3	8.3	7.8	6.4	6.9	6.5	5.3	5.2	6.0
C95969	10.4	8.6	7.6	7.1	5.8	6.5	6.2	5.9	5.6	5.4
C95970	9.5	9.3	SPILLED	7.2	6.2	6.8	6.2	6.0	5.5	5.4
C95971	10.0	8.6	7.7	6.4	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95972	10.1	8.7	7.6	6.9	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95973	11.3	9.6	8.3	7.9	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95974	10.4	9.3	7.9	7.4	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95975	9.8	8.5	7.5	7.2	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95976	10.4	9.1	7.9	7.3	6.7	6.6	6.4	6.0	5.8	5.3

27C000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP:	MALE 4 - 100 PPM									
C95977	10.0	9.0	7.7	7.4	6.7	6.7	6.5	6.1	6.0	5.6
C95978	9.9	8.4	7.2	6.8	6.4	6.1	5.9	5.8	5.8	5.6
C95979	10.6	9.0	8.0	7.3	7.1	6.4	6.4	5.9	5.8	5.6
C95980	10.2	8.9	7.8	7.1	6.8	6.6	6.5	6.2	5.9	5.7
GROUP:	FEMALE 2 - 3 PPM									
C96001	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	0.2	0.3	SPILLED	SPILLED	0.2
C96002	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
C96003	0.3	0.3	0.2	0.2	0.2	0.2	0.2	SPILLED	0.2	0.2
C96004	0.4	0.1	0.3	SPILLED	0.2	0.2	0.2	0.2	0.2	0.3
C96005	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
C96006	SPILLED	SPILLED	SPILLED	SPILLED	0.2	SPILLED	SPILLED	0.2	SPILLED	SPILLED
C96007	0.3	0.3	0.3	0.3	SPILLED	0.2	0.3	0.2	0.2	0.2
C96008	0.4	SPILLED	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
C96009	0.3	SPILLED	SPILLED	0.3	0.2	0.3	0.4	0.3	0.2	0.2
C96010	0.3	0.3	0.3	0.3	0.2	0.2	SPILLED	0.2	0.2	0.2
C96011	0.3	0.3	0.3	0.3	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96012	0.3	0.3	SPILLED	0.3	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96013	SPILLED	0.3	0.3	0.3	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96014	0.3	0.3	0.3	0.3	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96015	0.3	0.3	0.3	0.3	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96016	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	NOT TAKEN	NOT TAKEN
C96017	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C96018	0.3	0.3	0.3	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	0.2	0.2
C96019	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C96020	SPILLED	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2

8T2000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP:	FEMALE 3 - 30 PPM									
C96021	SPILLED	4.4	3.1	2.8	2.6	2.9	SPILLED	2.3	SPILLED	2.0
C96022	3.1	SPILLED	2.8	2.7	SPILLED	2.4	2.3	2.0	2.1	2.0
C96023	2.8	2.7	2.6	2.6	2.1	2.8	2.3	2.4	2.2	2.1
C96024	3.0	2.6	2.4	2.4	2.1	2.3	SPILLED	2.2	1.9	1.9
C96025	3.1	2.7	2.8	2.5	2.2	2.5	2.2	2.3	2.3	2.0
C96026	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	3.0	SPILLED	SPILLED	SPILLED	3.1
C96027	5.0	SPILLED	3.5	SPILLED	SPILLED	2.9	SPILLED	SPILLED	2.4	2.3
C96028	3.1	3.0	2.6	2.5	2.2	2.2	2.3	2.2	2.2	2.1
C96029	3.4	SPILLED	3.4	2.7	2.2	SPILLED	SPILLED	2.8	SPILLED	3.7
C96030	3.5	3.1	3.0	2.8	2.5	2.6	2.6	2.3	2.3	2.2
C96031	3.4	SPILLED	3.4	SPILLED	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96032	3.2	3.2	2.6	2.5	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96033	3.0	2.8	2.7	2.4	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96034	3.9	2.9	2.6	2.8	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96035	3.4	3.0	2.5	2.5	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96036	2.9	2.6	2.4	2.2	SPILLED	2.8	SPILLED	2.3	SPILLED	SPILLED
C96037	3.2	2.8	3.6	SPILLED	2.3	2.3	2.3	2.3	2.1	2.0
C96038	3.0	3.6	SPILLED	SPILLED	SPILLED	3.3	SPILLED	SPILLED	SPILLED	2.3
C96039	4.7	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	2.6	SPILLED	SPILLED
C96040	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	SPILLED	4.2	SPILLED
GROUP:	FEMALE 4 - 100 PPM									
C96041	12.7	9.1	8.3	8.7	7.6	8.8	8.0	7.4	7.1	7.0
C96042	8.2	6.8	6.6	6.6	6.4	6.7	6.6	6.6	6.2	5.7
C96043	9.5	8.3	7.5	7.3	6.9	7.2	6.8	6.5	6.6	6.6
C96044	10.6	8.7	8.6	8.5	7.6	7.9	7.1	7.7	7.2	6.7
C96045	9.7	9.4	8.3	9.4	7.8	8.8	8.2	7.9	8.1	7.5
C96046	SPILLED	SPILLED	8.3	8.0	7.5	7.7	SPILLED	8.1	7.8	6.4
C96047	9.3	8.6	7.8	7.1	7.2	7.3	7.0	7.2	6.6	6.4
C96048	10.6	8.2	7.0	7.3	6.4	6.9	6.4	6.8	6.8	6.7

6T2000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
GROUP: FEMALE 4 - 100 PPM										
C96049	9.6	SPILLED	8.2	7.9	7.1	8.0	7.4	7.8	7.7	7.2
C96050	12.1	SPILLED	9.2	8.5	7.2	8.0	7.6	7.2	7.3	6.9
C96051	9.1	8.8	7.5	7.6	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96052	11.5	9.0	9.3	8.1	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96053	10.1	8.9	8.8	8.2	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96054	SPILLED	SPILLED	SPILLED	10.6	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96055	9.3	8.4	8.1	7.9	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96056	9.5	8.5	8.2	8.3	7.6	7.3	6.7	7.0	6.4	6.4
C96057	13.8	9.2	8.4	9.9	8.8	7.8	7.3	7.3	6.7	7.2
C96058	9.8	9.1	7.8	7.5	7.7	7.3	7.4	7.0	6.7	7.1
C96059	11.1	12.0	8.7	9.4	8.8	8.7	8.6	SPILLED	SPILLED	SPILLED
C96060	10.4	8.8	7.6	7.6	7.3	6.7	7.3	6.8	6.8	6.2

000220

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP: MALE 2 - 3 PPM			
C95921	0.2	0.2	0.2
C95922	0.2	0.2	0.1
C95923	0.2	0.2	0.1
C95924	0.2	0.2	0.2
C95925	0.2	0.2	0.2
C95926	0.1	0.1	0.1
C95927	0.2	0.2	0.1
C95928	0.2	0.2	0.1
C95929	0.2	0.2	0.1
C95930	0.2	0.2	0.1
C95931	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95932	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95933	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95934	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95935	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95936	0.1	0.1	0.1
C95937	0.1	0.1	0.2
C95938	0.2	0.2	0.1
C95939	0.2	0.2	0.1
C95940	0.2	0.2	0.1
GROUP: MALE 3 - 30 PPM			
C95941	1.5	1.4	1.3
C95942	1.7	1.7	1.7
C95943	1.5	1.5	1.4
C95944	1.5	1.5	1.4
C95945	1.6	1.5	1.6
C95946	SPILLED	1.5	1.4
C95947	1.3	1.3	1.3
C95948	1.6	1.5	1.5

T22000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP:	MALE 3 - 30 PPM		
C95949	1.5	1.4	0.1
C95950	1.7	1.7	1.6
C95951	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95952	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95953	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95954	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95955	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95956	1.9	1.8	1.6
C95957	1.5	1.5	1.4
C95958	1.6	1.6	1.5
C95959	1.7	1.7	1.6
C95960	1.5	1.5	1.4
GROUP:	MALE 4 - 100 PPM		
C95961	5.0	5.0	4.9
C95962	5.2	5.2	4.8
C95963	5.4	5.3	4.9
C95964	5.4	5.3	5.2
C95965	5.5	5.5	5.4
C95966	5.5	5.3	4.9
C95967	5.6	5.4	5.0
C95968	6.1	6.0	5.1
C95969	5.1	5.0	4.9
C95970	5.1	5.0	4.8
C95971	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95972	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95973	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95974	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95975	NOT TAKEN	NOT TAKEN	NOT TAKEN
C95976	SPILLED	5.1	5.1

222000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP:	MALE 4 - 100 PPM		
C95977	5.5	5.3	5.0
C95978	5.2	5.2	5.0
C95979	5.3	5.4	5.3
C95980	5.6	5.5	5.4
GROUP:	FEMALE 2 - 3 PPM		
C96001	0.2	0.2	0.2
C96002	0.2	0.2	0.2
C96003	0.2	0.2	0.2
C96004	0.2	0.2	0.2
C96005	0.2	0.2	0.2
C96006	SPILLED	SPILLED	SPILLED
C96007	0.2	0.2	0.2
C96008	0.2	0.2	0.2
C96009	SPILLED	0.2	SPILLED
C96010	0.2	0.2	0.2
C96011	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96012	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96013	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96014	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96015	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96016	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96017	0.2	0.2	0.1
C96018	0.2	0.2	SPILLED
C96019	0.2	0.2	0.2
C96020	0.2	0.2	0.2

000223

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP:	FEMALE 3 - 30 PPM		
C96021	3.3	2.1	2.1
C96022	2.0	1.8	1.9
C96023	2.0	1.9	1.9
C96024	1.9	1.9	1.8
C96025	2.0	1.7	1.8
C96026	SPILLED	4.2	3.7
C96027	2.7	2.5	2.0
C96028	1.8	1.8	1.8
C96029	SPILLED	3.0	SPILLED
C96030	2.0	2.0	2.0
C96031	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96032	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96033	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96034	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96035	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96036	SPILLED	2.0	3.3
C96037	2.1	2.0	2.1
C96038	2.1	2.0	1.9
C96039	3.1	2.6	2.4
C96040	SPILLED	3.1	SPILLED
GROUP:	FEMALE 4 - 100 PPM		
C96041	6.8	6.5	6.3
C96042	5.7	5.7	5.5
C96043	6.2	5.9	5.7
C96044	6.7	6.5	6.5
C96045	7.0	7.2	7.1
C96046	6.3	6.1	6.4
C96047	6.2	6.3	6.6
C96048	6.9	6.9	7.1

422000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WEEK 11	WEEK 12	WEEK 13
GROUP: FEMALE 4 - 100 PPM			
C96049	7.4	7.2	7.0
C96050	6.7	6.9	6.4
C96051	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96052	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96053	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96054	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96055	NOT TAKEN	NOT TAKEN	NOT TAKEN
C96056	6.1	6.1	6.3
C96057	SPILLED	6.9	6.7
C96058	6.6	6.5	10.4
C96059	SPILLED	SPILLED	SPILLED
C96060	6.3	6.1	5.9

S22000225

APPENDIX 5

Individual Clinical Hematology Data
Individual Clinical Chemistry Data
Individual Clinical Urinalysis Data

000226

Appendix 5

Individual Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS				
C95901	8.89	17.3	50.1	56.4	19.4	34.5	1186
C95902	8.64	16.6	48.1	55.7	19.2	34.6	1223
C95903	8.23	16.4	47.5	57.6	19.9	34.6	1208
C95904	7.52	15.3	45.5	60.5	20.4	33.7	1227
C95905	7.92	15.3	42.7	54.0	19.3	35.7	1235
C95906	7.90	15.7	46.2	58.5	19.8	33.9	1221
C95907	8.18	16.3	46.7	57.1	19.9	34.9	1084
C95908	7.86	16.0	47.4	60.3	20.4	33.7	1086
C95909	8.63	17.0	49.1	56.9	19.7	34.7	1099
C95910	8.06	16.1	46.3	57.4	20.0	34.7	1162
MEAN	8.18	16.2	47.0	57.4	19.8	34.5	1173
S.D.	.424	.66	2.04	1.97	.42	.61	61.5
N	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS				
C95921	8.38	16.8	49.2	58.7	20.0	34.1	1136
C95922	7.84	15.6	45.6	58.2	19.9	34.2	1297
C95923	8.57	17.0	48.6	56.8	19.9	35.0	1400
C95924	7.55	16.3	46.8	61.9	21.5	34.7	1177
C95925	8.09	16.2	46.7	57.7	20.1	34.8	1108
C95926	8.29	16.0	46.2	55.8	19.3	34.6	1172
C95927	8.07	16.2	47.9	59.3	20.0	33.8	1166
C95928	8.99	17.1	51.1	56.8	19.0	33.5	1143
C95929	7.76	16.1	46.0	59.3	20.8	35.0	917
C95930	7.89	16.4	47.1	59.7	20.7	34.7	993
MEAN	8.14	16.4	47.5	58.4	20.1	34.4	1151
S.D.	.427	.47	1.70	1.77	.73	.51	136.0
N	10	10	10	10	10	10	10

4228000

Appendix 5

Individual Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS				
C95941	8.09	16.1	45.9	56.7	19.9	35.1	1130
C95942	9.02	16.9	49.9	55.3	18.7	33.9	1133
C95943	8.19	15.9	45.9	56.1	19.4	34.6	1027
C95944	8.23	16.7	48.2	58.6	20.2	34.5	891
C95945	8.17	16.2	46.5	56.9	19.8	34.9	1074
C95946	7.68	16.2	46.0	59.9	21.1	35.2	893
C95947	8.10	16.0	45.3	55.9	19.8	35.4	1151
C95948	8.37	16.6	47.7	56.9	19.9	34.9	1027
C95949	9.01	16.7	49.4	54.8	18.6	33.9	958
C95950	7.56	15.8	45.8	60.6	20.9	34.4	1098
MEAN	8.24	16.3	47.1	57.2	19.8	34.7	1038
S.D.	.477	.38	1.64	1.93	.81	.52	96.9
N	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS				
C95961	7.59	15.7	46.0	60.6	20.7	34.1	1141
C95962	8.16	16.0	46.4	56.9	19.6	34.5	1097
C95963	8.03	16.1	46.9	58.5	20.1	34.4	1177
C95964	7.64	16.1	46.1	60.3	21.1	34.9	986
C95965	8.33	16.9	48.7	58.5	20.2	34.6	1166
C95966	8.11	15.3	44.6	55.0	18.9	34.4	948
C95967	8.32	16.1	46.9	56.3	19.4	34.4	1001
C95968	7.57	14.9	43.2	57.1	19.7	34.4	1296
C95969	7.90	14.8	43.9	55.6	18.7	33.6	1032
C95970	8.29	16.8	47.7	57.5	20.3	35.3	970
MEAN	7.99	15.9	46.0	57.6	19.9	34.5	1081
S.D.	.303	.71	1.71	1.86	.76	.45	112.7
N	10	10	10	10	10	10	10

822000

Appendix 5

Individual Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS								
C95901	8.6	.5	7.7	.4	.1	.0	6	89	4	1	0
C95902	9.7	.6	8.6	.4	.0	.0	6	89	5	0	0
C95903	6.7	.8	5.7	.2	.1	.0	11	85	3	1	0
C95904	11.9	.4	10.7	.7	.1	.0	3	90	6	1	0
C95905	8.4	.6	7.3	.3	.1	.0	8	87	4	1	0
C95906	6.9	.5	6.0	.3	.1	.0	7	87	4	1	0
C95907	8.1	.5	7.1	.4	.1	.0	6	88	5	1	1
C95908	12.7	.8	11.4	.4	.1	.0	6	90	3	1	0
C95909	8.1	.7	6.8	.5	.1	.0	9	84	6	1	0
C95910	9.5	.7	8.1	.6	.1	.0	7	85	7	1	0
MEAN	9.1	.6	7.9	.4	.1	.0	7	87	5	1	0
S.D.	1.96	.14	1.86	.15	.03	.00	2.1	2.2	1.3	.3	.3
N	10	10	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS								
C95921	8.4	.5	7.5	.4	.1	.0	6	88	4	1	0
C95922	7.9	.6	6.6	.5	.2	.0	7	84	6	3	0
C95923	9.3	.6	8.2	.5	.1	.0	6	88	5	1	0
C95924	8.5	.6	7.2	.5	.1	.0	8	85	6	1	0
C95925	9.8	.5	8.9	.3	.1	.0	5	91	3	1	0
C95926	12.6	.7	10.9	.9	.1	.0	5	86	7	1	0
C95927	8.6	.7	7.2	.5	.1	.0	8	84	6	2	0
C95928	7.3	.4	6.8	.1	.0	.0	5	93	1	1	0
C95929	7.4	.7	6.2	.4	.1	.0	9	84	6	1	0
C95930	11.5	.5	10.6	.4	.1	.0	4	92	3	1	0
MEAN	9.1	.6	8.0	.4	.1	.0	6	88	5	1	0
S.D.	1.74	.10	1.64	.20	.05	.00	1.6	3.5	1.9	.7	.0
N	10	10	10	10	10	10	10	10	10	10	10

622000

Appendix 5

Individual Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS								
C95941	14.3	.8	12.8	.5	.2	.0	6	89	4	1	0
C95942	8.4	.4	7.6	.3	.0	.0	5	90	4	1	0
C95943	6.6	.4	5.8	.3	.1	.0	7	87	5	1	0
C95944	10.1	.5	9.2	.4	.1	.0	5	91	4	1	0
C95945	7.3	.6	6.4	.3	.1	.0	8	88	4	1	0
C95946	9.8	.3	9.1	.3	.1	.1	3	92	3	1	1
C95947	12.0	.7	10.7	.4	.1	.1	6	89	4	1	1
C95948	13.2	.6	12.0	.4	.1	.0	4	92	3	1	0
C95949	9.1	.5	8.2	.3	.0	.0	5	90	4	0	0
C95950	9.5	.5	8.3	.7	.1	.0	5	87	7	1	0
MEAN	10.0	.5	9.0	.4	.1	.0	5	90	4	1	0
S.D.	2.48	.15	2.27	.13	.06	.04	1.4	1.8	1.1	.3	.4
N	10	10	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS								
C95961	14.4	.5	13.2	.6	.1	.1	3	92	4	0	1
C95962	10.2	1.0	8.4	.7	.1	.1	10	82	7	1	1
C95963	10.1	.5	8.9	.6	.1	.0	5	88	6	1	0
C95964	9.8	.8	8.5	.4	.1	.0	8	86	4	1	0
C95965	6.4	.7	5.2	.4	.1	.0	11	82	6	1	0
C95966	14.0	1.4	11.6	.8	.2	.0	10	83	6	1	0
C95967	4.2	.5	3.3	.3	.1	.0	12	79	8	1	0
C95968	14.7	1.1	12.7	.7	.1	.1	7	86	5	1	1
C95969	13.4	1.5	10.8	.9	.1	.0	12	80	7	1	0
C95970	9.8	1.4	7.8	.4	.1	.0	15	79	5	1	0
MEAN	10.7	.9	9.0	.6	.1	.0	9	84	6	1	0
S.D.	3.51	.40	3.17	.20	.03	.05	3.6	4.2	1.3	.3	.5
N	10	10	10	10	10	10	10	10	10	10	10

0002230

Appendix 5

Individual Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS		
C95901	-	-	-	-	-
C95902	-	-	-	-	-
C95903	-	-	-	-	-
C95904	-	-	-	-	-
C95905	-	-	-	-	-
C95906	-	-	-	-	-
C95907	-	-	-	-	-
C95908	-	-	-	-	-
C95909	-	-	-	-	-
C95910	-	-	-	-	-
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS		
C95921	-	-	-	-	-
C95922	-	-	-	-	-
C95923	-	-	-	-	-
C95924	-	-	-	-	-
C95925	-	-	-	-	-
C95926	-	-	-	-	-
C95927	-	-	-	-	-
C95928	-	-	-	-	-
C95929	-	-	-	-	-
C95930	-	-	-	-	-

TE2000231

Appendix 5

Individual Clinical Hematology Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS		
C95941	-	-	-	-	-
C95942	-	-	-	-	-
C95943	-	-	-	-	-
C95944	-	-	-	-	-
C95945	-	-	-	-	-
C95946	-	-	-	-	-
C95947	-	-	-	-	-
C95948	-	-	-	-	-
C95949	-	-	-	-	-
C95950	-	-	-	-	-
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS		
C95961	-	-	-	-	-
C95962	-	-	-	-	-
C95963	-	-	-	-	-
C95964	-	-	-	-	-
C95965	-	-	-	-	-
C95966	-	-	-	-	-
C95967	-	-	-	-	-
C95968	-	-	-	-	-
C95969	-	-	-	-	-
C95970	-	-	-	-	-

2222000

Appendix 5

Individual Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS				
C95981	7.36	15.2	44.3	60.3	20.7	34.3	1230
C95982	7.74	15.7	45.1	58.3	20.3	34.8	1254
C95983	7.53	16.2	46.0	61.1	21.5	35.2	1094
C95984	7.56	14.5	42.6	56.4	19.1	33.9	1137
C95985	7.75	15.8	45.9	59.3	20.4	34.4	1012
C95986	8.17	15.9	47.0	57.5	19.5	33.9	1085
C95987	7.75	15.8	45.5	58.8	20.4	34.7	913
C95988	7.67	15.5	44.8	58.4	20.2	34.5	1190
C95989	7.63	15.7	46.1	60.4	20.6	34.1	1056
C95990	7.82	16.3	46.9	60.0	20.9	34.9	1171
MEAN	7.70	15.7	45.4	59.1	20.4	34.5	1114
S.D.	.214	.51	1.31	1.45	.68	.43	104.4
N	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS				
C96001	8.35	15.9	45.1	54.0	19.1	35.3	1297
C96002	8.59	16.2	47.2	54.9	18.8	34.3	1181
C96003	8.09	16.3	47.7	58.9	20.2	34.2	1107
C96004	6.82	14.3	40.9	60.0	21.0	35.1	1267
C96005	8.04	16.3	47.4	59.0	20.3	34.5	1139
C96006	8.26	16.1	46.7	56.5	19.5	34.5	1166
C96007	7.89	16.3	46.5	59.0	20.7	35.1	1106
C96008	7.97	16.3	45.6	57.3	20.4	35.7	1303
C96009	7.86	16.1	46.1	58.7	20.5	34.9	1083
C96010	8.42	16.2	48.3	57.4	19.2	33.5	1129
MEAN	8.03	16.0	46.1	57.6	20.0	34.7	1178
S.D.	.488	.61	2.08	1.95	.76	.64	82.3
N	10	10	10	10	10	10	10

EE2000233

Appendix 5

Individual Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS				
C96021	8.61	16.6	48.3	56.1	19.3	34.4	1199
C96022	7.97	16.0	45.7	57.4	20.1	35.0	1084
C96023	7.34	15.2	43.4	59.1	20.7	35.1	1037
C96024	8.01	16.2	46.3	57.8	20.2	35.0	1029
C96025	8.17	15.7	45.2	55.4	19.2	34.8	1082
C96026	7.78	16.0	45.2	58.2	20.6	35.5	1124
C96027	7.86	16.3	46.6	59.3	20.7	35.0	1057
C96028	7.66	15.3	43.5	56.8	20.0	35.3	1414
C96029	8.04	15.6	44.5	55.4	19.5	35.1	1199
C96030	8.36	16.9	49.3	58.9	20.2	34.3	1007
MEAN	7.98	16.0	45.8	57.4	20.0	35.0	1123
S.D.	.357	.55	1.91	1.48	.56	.37	121.8
N	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS				
C96041	7.44	14.5	41.9	56.4	19.5	34.6	1007
C96042	7.66	15.1	43.1	56.2	19.7	35.1	1191
C96043	8.63	16.5	47.5	55.1	19.1	34.6	1235
C96044	7.63	15.3	44.9	58.8	20.1	34.2	1059
C96045	8.13	15.7	45.9	56.5	19.3	34.2	1091
C96046	7.84	15.7	46.0	58.7	20.0	34.0	535
C96047	7.91	15.8	43.4	54.9	19.9	36.3	1151
C96048	7.76	15.1	44.1	56.8	19.5	34.4	1333
C96049	7.95	15.2	44.9	56.4	19.2	34.0	942
C96050	7.95	15.7	44.8	56.3	19.8	35.2	1032
MEAN	7.89	15.5	44.7	56.6	19.6	34.7	1058
S.D.	.326	.54	1.62	1.28	.34	.71	217.2
N	10	10	10	10	10	10	10

0002234

Appendix 5

Individual Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS								
C95981	8.2	1.1	6.4	.6	.1	.0	14	77	8	1	0
C95982	7.6	.7	6.3	.5	.1	.0	9	83	6	1	1
C95983	5.3	.4	4.6	.2	.0	.0	7	88	5	1	0
C95984	7.3	.2	6.8	.3	.0	.0	3	93	4	1	0
C95985	7.6	.5	6.6	.4	.1	.0	7	87	5	1	0
C95986	6.8	.2	6.3	.2	.0	.0	4	92	3	1	0
C95987	3.3	.2	2.9	.1	.0	.0	7	89	3	1	0
C95988	6.9	.5	5.9	.3	.1	.0	7	87	5	2	0
C95989	5.2	.3	4.5	.3	.0	.0	7	87	5	1	0
C95990	4.6	.2	4.1	.3	.0	.0	4	89	6	1	0
MEAN	6.3	.4	5.4	.3	.0	.0	7	87	5	1	0
S.D.	1.59	.29	1.32	.15	.05	.00	3.1	4.5	1.5	.3	.3
N	10	10	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS								
C96001	5.7	.5	5.1	.1	.1	.0	9	88	1	1	0
C96002	3.5	.3	3.0	.1	.0	.0	9	86	4	1	0
C96003	7.6	.7	6.3	.4	.2	.0	10	83	5	2	0
C96004	7.2	.3	6.5	.4	.1	.0	4	90	5	1	0
C96005	11.1	.3	10.6	.2	.0	.0	2	96	1	0	0
C96006	5.8	.4	5.0	.3	.0	.0	6	88	5	1	0
C96007	10.4	.4	9.7	.3	.1	.0	4	93	3	1	0
C96008	7.0	.4	6.2	.3	.1	.0	5	89	5	1	0
C96009	7.9	.8	6.6	.3	.1	.0	10	84	4	2	0
C96010	7.4	.8	6.4	.1	.0	.0	11	86	2	0	0
MEAN	7.4	.5	6.5	.2	.1	.0	7	88	4	1	0
S.D.	2.21	.20	2.20	.12	.07	.00	3.2	4.0	1.6	.7	.0
N	10	10	10	10	10	10	10	10	10	10	10

0002235

Appendix 5

Individual Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS								
C96021	7.7	.3	7.0	.2	.1	.0	4	92	3	1	0
C96022	6.2	.3	5.6	.3	.0	.0	4	90	4	1	0
C96023	5.1	.8	3.8	.4	.1	.0	16	74	8	2	0
C96024	5.9	.4	5.2	.2	.1	.0	7	88	3	1	0
C96025	5.7	.3	5.2	.2	.1	.0	5	90	3	1	0
C96026	9.7	.5	8.8	.2	.1	.0	6	91	2	1	0
C96027	10.9	.6	9.6	.7	.1	.0	5	88	6	1	0
C96028	6.7	.4	5.9	.3	.0	.0	6	88	5	1	0
C96029	4.4	.7	3.6	.1	.0	.0	15	81	3	1	0
C96030	11.1	.7	9.6	.6	.1	.0	7	87	5	1	0
MEAN	7.3	.5	6.4	.3	.1	.0	8	87	4	1	0
S.D.	2.42	.19	2.24	.19	.05	.00	4.4	5.4	1.8	.3	.0
N	10	10	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS								
C96041	10.2	.3	9.6	.3	.1	.0	3	94	2	1	0
C96042	6.7	.4	5.9	.3	.1	.0	7	88	4	1	0
C96043	8.9	.5	7.9	.4	.1	.0	6	88	5	1	0
C96044	6.6	.8	5.4	.3	.1	.0	12	82	4	2	0
C96045	10.8	.4	9.1	1.1	.1	.1	4	84	10	1	1
C96046	5.7	.2	5.2	.2	.0	.0	3	92	4	1	0
C96047	6.6	.4	5.8	.3	.1	.0	6	88	4	1	0
C96048	5.7	.7	4.8	.2	.1	.0	12	84	3	1	0
C96049	7.3	.4	6.7	.2	.0	.0	5	91	3	1	0
C96050	4.2	.5	3.4	.3	.1	.0	12	80	7	1	0
MEAN	7.3	.5	6.4	.4	.1	.0	7	87	5	1	0
S.D.	2.09	.18	1.96	.27	.04	.03	3.7	4.5	2.3	.3	.3
N	10	10	10	10	10	10	10	10	10	10	10

9223000

Appendix 5

Individual Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS		
C95981	-	-	-	-	-
C95982	-	-	-	-	-
C95983	-	-	-	-	-
C95984	-	-	-	-	-
C95985	-	-	-	-	-
C95986	-	-	-	-	-
C95987	-	-	-	-	-
C95988	-	-	-	-	-
C95989	-	-	-	-	-
C95990	-	-	-	-	-
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS		
C96001	-	-	-	-	-
C96002	-	-	-	-	-
C96003	-	-	-	-	-
C96004	-	-	-	-	-
C96005	-	-	-	-	-
C96006	-	-	-	-	-
C96007	-	-	-	-	-
C96008	-	-	-	-	-
C96009	-	-	-	-	-
C96010	-	-	-	-	-

4226000

Appendix 5

Individual Clinical Hematology Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS		
C96021	-	-	-	-	-
C96022	-	-	-	-	-
C96023	-	-	-	-	-
C96024	-	-	-	-	-
C96025	-	-	-	-	-
C96026	-	-	-	-	-
C96027	-	-	-	-	-
C96028	-	-	-	-	-
C96029	-	-	-	-	-
C96030	-	-	-	-	-
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS		
C96041	-	-	-	-	-
C96042	-	-	-	-	-
C96043	-	-	-	-	-
C96044	-	-	-	-	-
C96045	-	-	-	-	-
C96046	-	-	-	-	-
C96047	-	-	-	-	-
C96048	-	-	-	-	-
C96049	-	-	-	-	-
C96050	-	-	-	-	-

8220000

Appendix 5

Individual Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS				
C95901	9.37	16.2	49.4	52.7	17.3	32.9	1131
C95902	8.66	15.1	46.4	53.5	17.5	32.6	1142
C95903	9.11	16.1	49.9	54.7	17.6	32.2	1001
C95904	7.96	14.8	45.9	57.6	18.5	32.2	1130
C95905	8.19	14.3	43.7	53.3	17.4	32.7	1174
C95906	8.16	14.4	45.5	55.7	17.7	31.7	1148
C95909	8.63	15.7	48.0	55.6	18.2	32.7	935
C95918	8.25	14.8	45.7	55.4	17.9	32.3	1072
C95919	8.36	15.3	46.3	55.4	18.3	33.0	1095
C95920	8.96	16.1	49.0	54.7	17.9	32.8	1390
MEAN	8.56	15.3	47.0	54.9	17.8	32.5	1122
S.D.	.463	.71	2.00	1.43	.40	.40	119.5
N	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS				
C95921	8.71	15.4	47.4	54.4	17.7	32.5	1019
C95922	8.33	15.3	46.0	55.2	18.3	33.2	1225
C95924	7.14	14.2	43.1	60.4	19.8	32.9	1042
C95925	8.57	15.4	47.6	55.6	17.9	32.3	1038
C95926	8.91	15.4	47.1	52.9	17.3	32.7	1115
C95927	9.13	16.5	50.0	54.8	18.1	33.0	1124
C95928	9.29	16.0	49.2	53.0	17.2	32.5	1028
C95936	8.05	15.0	45.8	57.0	18.7	32.8	988
C95937	8.34	14.9	45.9	55.0	17.9	32.5	1003
C95939	7.72	14.5	44.9	58.1	18.7	32.2	1019
MEAN	8.42	15.3	46.7	55.6	18.2	32.7	1060
S.D.	.657	.67	2.02	2.31	.77	.32	73.0
N	10	10	10	10	10	10	10

6220690

Appendix 5

Individual Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS				
C95941	8.33	14.7	44.1	53.0	17.7	33.3	1015
C95942	9.62	16.0	50.5	52.5	16.6	31.6	1065
C95943	8.89	15.4	47.2	53.2	17.4	32.7	1109
C95944	8.53	15.5	47.5	55.7	18.2	32.7	932
C95947	9.15	15.2	47.1	51.5	16.6	32.3	1107
C95948	9.24	16.1	49.0	53.0	17.4	32.9	1006
C95949	8.68	14.6	46.3	53.4	16.8	31.6	636
C95950	8.26	15.4	45.6	55.2	18.7	33.9	986
C95958	8.07	14.4	44.2	54.8	17.9	32.6	1100
C95960	8.03	15.2	46.1	57.5	18.9	33.0	1045
MEAN	8.68	15.2	46.8	54.0	17.6	32.7	1000
S.D.	.535	.56	1.99	1.79	.82	.71	140.3
N	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS				
C95961	8.07	14.7	44.6	55.3	18.3	33.0	957
C95962	8.58	14.9	45.4	52.9	17.4	32.8	992
C95963	8.15	14.6	44.6	54.8	17.9	32.7	1153
C95964	7.96	14.4	43.4	54.6	18.1	33.3	1014
C95965	8.54	15.8	47.0	55.1	18.5	33.6	1104
C95967	8.41	14.9	45.2	53.7	17.7	33.0	907
C95968	8.44	14.3	43.6	51.7	17.0	32.8	1306
C95969	7.75	13.0	39.7	51.2	16.7	32.7	902
C95977	8.14	14.6	43.8	53.8	17.9	33.3	878
C95980	8.42	15.0	45.3	53.9	17.8	33.1	897
MEAN	8.25	14.6	44.3	53.7	17.7	33.0	1011
S.D.	.273	.71	1.92	1.39	.56	.30	138.4
N	10	10	10	10	10	10	10

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Individual Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS								
C95901	7.5	.8	6.0	.6	.1	.0	11	80	7	1	0
C95902	6.0	.9	4.8	.2	.0	.0	15	81	4	1	0
C95903	6.8	1.2	4.9	.6	.1	.0	17	72	9	2	0
C95904	6.0	.7	4.8	.5	.1	.0	11	79	8	2	0
C95905	6.4	.6	5.3	.3	.1	.0	10	82	5	2	0
C95906	6.0	1.0	4.4	.5	.1	.0	16	74	8	2	1
C95909	6.9	1.0	5.2	.6	.1	.0	15	75	9	1	0
C95918	7.0	.6	5.7	.6	.1	.0	8	82	8	1	1
C95919	8.8	.8	7.4	.4	.1	.0	10	84	5	2	0
C95920	7.4	1.5	5.4	.4	.1	.0	21	73	5	1	0
MEAN	6.9	.9	5.4	.5	.1	.0	13	78	7	2	0
S.D.	.88	.28	.85	.14	.03	.00	4.0	4.3	1.9	.5	.4
N	10	10	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS								
C95921	4.8	.8	3.6	.3	.1	.0	16	76	6	2	0
C95922	7.0	1.1	5.0	.6	.2	.0	16	72	9	3	0
C95924	7.7	.9	6.4	.4	.1	.0	12	83	5	1	0
C95925	6.1	1.4	4.2	.4	.1	.0	23	69	6	1	0
C95926	8.0	1.3	5.9	.6	.2	.0	16	73	8	2	0
C95927	6.4	.8	5.1	.3	.2	.0	12	80	5	2	0
C95928	6.0	1.0	4.0	.8	.1	.0	17	66	14	2	1
C95936	7.2	.9	5.7	.4	.2	.0	13	80	5	2	0
C95937	4.3	.7	3.2	.2	.1	.0	17	75	5	2	0
C95939	9.2	1.1	7.5	.5	.1	.0	12	81	6	1	0
MEAN	6.7	1.0	5.1	.4	.1	.0	15	76	7	2	0
S.D.	1.48	.23	1.35	.18	.05	.00	3.4	5.6	2.8	.6	.3
N	10	10	10	10	10	10	10	10	10	10	10

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Individual Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS								
C95941	10.8	1.2	9.0	.4	.1	.0	11	84	3	1	0
C95942	3.7	.7	2.8	.1	.0	.0	20	76	3	1	0
C95943	7.9	.8	6.4	.5	.1	.0	10	82	7	1	0
C95944	6.1	.7	4.9	.4	.1	.0	11	81	6	2	0
C95947	12.0	.9	10.6	.3	.1	.0	8	88	3	1	0
C95948	10.8	.7	9.5	.5	.1	.0	6	88	4	1	0
C95949	7.4	1.3	5.3	.6	.1	.0	18	72	9	1	0
C95950	5.9	.9	4.5	.4	.1	.0	15	76	7	2	0
C95958	6.2	1.1	4.6	.3	.2	.0	18	74	5	3	0
C95960	6.0	.6	4.9	.4	.1	.0	10	82	6	1	0
MEAN	7.7	.9	6.2	.4	.1	.0	13	80	5	1	0
S.D.	2.68	.24	2.57	.14	.05	.00	4.7	5.6	2.1	.7	.0
N	10	10	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS								
C95961	5.0	.8	3.9	.2	.1	.0	17	77	4	1	0
C95962	5.9	1.0	4.6	.3	.1	.0	16	77	5	1	0
C95963	8.8	1.0	7.4	.3	.1	.0	11	84	3	2	0
C95964	6.7	1.2	5.0	.4	.1	.0	18	74	6	1	0
C95965	5.4	1.1	4.0	.2	.1	.0	20	74	4	1	0
C95967	4.4	.7	3.3	.4	.0	.0	15	75	8	1	0
C95968	12.7	1.6	10.0	1.0	.2	.1	12	78	8	1	1
C95969	10.3	1.8	7.8	.4	.1	.0	18	76	4	1	0
C95977	5.9	.8	4.6	.3	.1	.0	14	79	6	1	0
C95980	6.6	1.1	5.0	.4	.1	.0	16	76	6	2	0
MEAN	7.2	1.1	5.6	.4	.1	.0	16	77	5	1	0
S.D.	2.63	.35	2.13	.23	.05	.03	2.8	2.9	1.7	.4	.3
N	10	10	10	10	10	10	10	10	10	10	10

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Individual Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS		
C95901	-	-	-	-	-
C95902	-	-	-	-	-
C95903	-	-	-	-	-
C95904	-	-	-	-	-
C95905	-	-	-	-	-
C95906	-	-	-	-	-
C95909	-	-	-	-	-
C95918	-	-	-	-	-
C95919	-	-	-	-	-
C95920	-	-	-	-	-
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS		
C95921	-	-	-	-	-
C95922	-	-	-	-	-
C95924	-	-	-	-	-
C95925	-	-	-	-	-
C95926	-	-	-	-	-
C95927	-	-	-	-	-
C95928	-	-	-	-	-
C95936	-	-	-	-	-
C95937	-	-	-	-	-
C95939	-	-	-	-	-

3M2000

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Individual Clinical Hematology Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS		
C95941	-	-	-	-	-
C95942	-	-	-	-	-
C95943	-	-	-	-	-
C95944	-	-	-	-	-
C95947	-	-	-	-	-
C95948	-	-	-	-	-
C95949	-	-	-	-	-
C95950	-	-	-	-	-
C95958	-	-	-	-	-
C95960	-	-	-	-	-
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS		
C95961	-	-	-	-	-
C95962	-	-	-	-	-
C95963	-	-	-	-	-
C95964	-	-	-	-	-
C95965	-	-	-	-	-
C95967	-	-	-	-	-
C95968	-	-	-	-	-
C95969	-	-	-	-	-
C95977	-	-	-	-	-
C95980	-	-	-	-	-

002244

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Individual Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS				
C95983	7.70	15.1	46.1	59.9	19.7	32.8	940
C95984	8.09	14.8	45.7	56.5	18.2	32.3	1026
C95985	7.55	14.6	44.9	59.4	19.3	32.5	894
C95986	7.54	14.2	43.4	57.6	18.8	32.6	1107
C95987	7.59	14.6	44.9	59.1	19.2	32.5	848
C95988	7.77	14.7	44.7	57.6	18.9	32.9	1087
C95990	7.85	14.6	45.0	57.4	18.6	32.5	1098
C95996	7.80	14.3	44.5	57.0	18.3	32.2	1163
C95997	7.78	14.8	45.0	57.8	19.0	32.9	951
C96000	7.96	15.8	46.9	58.9	19.8	33.6	1049
MEAN	7.76	14.8	45.1	58.1	19.0	32.7	1016
S.D.	.178	.45	.95	1.13	.54	.40	103.3
N	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS				
C96001	8.33	14.6	45.4	54.5	17.5	32.1	1176
C96002	8.06	14.9	44.6	55.4	18.5	33.4	1045
C96003	7.54	14.4	44.8	59.4	19.1	32.1	938
C96006	7.77	14.5	44.3	57.0	18.7	32.8	965
C96007	8.34	16.6	49.8	59.7	19.9	33.3	1108
C96008	7.73	14.3	43.9	56.8	18.5	32.6	1055
C96010	8.55	15.8	48.0	56.1	18.5	33.0	1142
C96019	8.13	15.1	46.8	57.6	18.5	32.2	1263
C96020	8.18	15.3	46.9	57.4	18.7	32.5	969
MEAN	8.07	15.1	46.1	57.1	18.7	32.7	1073
S.D.	.330	.75	1.97	1.70	.63	.49	108.7
N	9	9	9	9	9	9	9

S02003

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Individual Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS				
C96021	8.56	15.4	47.5	55.5	18.0	32.4	931
C96022	8.45	15.9	48.2	57.1	18.9	33.0	1017
C96023	7.78	15.0	45.5	58.5	19.3	32.9	1047
C96024	7.76	14.5	44.2	57.0	18.6	32.7	915
C96025	8.49	15.3	46.7	55.1	18.1	32.8	1079
C96026	7.62	14.6	44.9	58.9	19.1	32.5	918
C96027	8.33	15.7	48.4	58.2	18.8	32.4	1059
C96030	8.05	15.6	47.8	59.4	19.4	32.7	809
C96038	7.86	14.2	43.3	55.1	18.0	32.7	905
C96040	7.99	15.1	45.7	57.2	18.9	33.0	1117
MEAN	8.09	15.1	46.2	57.2	18.7	32.7	980
S.D.	.343	.56	1.77	1.57	.52	.22	97.8
N	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS				
C96042	7.74	13.9	42.7	55.1	18.0	32.6	1203
C96044	7.55	14.0	43.3	57.4	18.6	32.4	945
C96045	8.20	15.1	45.7	55.7	18.5	33.1	965
C96046	7.75	15.0	44.7	57.7	19.4	33.6	1049
C96047	7.33	13.0	39.9	54.4	17.7	32.6	1088
C96048	7.47	14.0	42.3	56.6	18.7	33.1	1189
C96049	8.10	14.7	44.6	55.1	18.1	32.9	988
C96050	7.41	13.7	41.4	55.9	18.6	33.2	925
C96056	7.52	13.8	41.5	55.2	18.4	33.3	1210
C96060	7.80	14.8	45.3	58.1	19.0	32.8	995
MEAN	7.69	14.2	43.1	56.1	18.5	33.0	1056
S.D.	.289	.67	1.91	1.26	.49	.37	110.7
N	10	10	10	10	10	10	10

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Individual Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS								
C95983	4.2	1.0	3.1	.0	.1	.0	24	74	1	2	0
C95984	2.3	.3	1.9	.1	.0	.0	12	82	4	2	0
C95985	4.9	1.9	2.6	.3	.1	.0	39	53	7	1	0
C95986	4.8	.7	4.0	.0	.1	.0	15	82	0	2	0
C95987	3.6	.4	2.9	.2	.1	.0	11	81	6	2	0
C95988	5.6	1.1	4.2	.2	.1	.0	19	75	4	2	0
C95990	3.1	.5	2.4	.1	.1	.0	15	78	4	2	0
C95996	4.1	.9	2.7	.3	.1	.0	22	67	7	3	1
C95997	3.6	.4	2.8	.3	.1	.0	11	77	9	2	1
C96000	4.2	.8	3.0	.2	.1	.0	20	72	5	3	0
MEAN	4.0	.8	3.0	.2	.1	.0	19	74	5	2	0
S.D.	.95	.47	.69	.12	.03	.00	8.5	8.8	2.8	.6	.4
N	10	10	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS								
C96001	3.6	.4	2.9	.3	.1	.0	10	80	7	2	0
C96002	3.1	.6	2.1	.2	.1	.0	19	70	8	3	0
C96003	4.0	.7	2.9	.2	.1	.0	19	72	6	3	0
C96006	4.0	1.0	2.7	.3	.1	.0	24	67	7	2	0
C96007	6.7	.5	5.8	.3	.1	.0	8	86	4	1	0
C96008	6.6	.8	5.4	.3	.1	.0	12	82	5	2	0
C96010	5.0	.7	4.0	.3	.1	.0	13	80	5	1	0
C96019	4.3	.8	3.3	.2	.1	.0	18	75	5	1	0
C96020	5.3	.6	4.4	.2	.1	.0	11	82	5	2	0
MEAN	4.7	.7	3.7	.3	.1	.0	15	77	6	2	0
S.D.	1.27	.18	1.27	.05	.00	.00	5.3	6.4	1.3	.8	.0
N	9	9	9	9	9	9	9	9	9	9	9

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Individual Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS								
C96021	6.9	.6	6.1	.1	.1	.0	8	89	2	1	0
C96022	5.1	.8	3.9	.3	.1	.0	15	77	6	1	0
C96023	5.1	.8	3.8	.4	.1	.0	16	74	8	2	0
C96024	4.9	.9	3.5	.3	.1	.0	19	72	6	2	0
C96025	4.5	.5	3.8	.2	.1	.0	10	83	4	1	0
C96026	6.6	1.9	4.2	.3	.1	.0	29	65	5	1	0
C96027	5.4	.9	4.1	.4	.1	.0	16	75	7	1	0
C96030	7.8	.6	6.7	.4	.1	.1	7	86	5	2	1
C96038	6.0	1.8	3.9	.2	.1	.0	29	65	4	1	0
C96040	4.8	.8	3.6	.3	.1	.0	17	75	6	1	0
MEAN	5.7	1.0	4.4	.3	.1	.0	17	76	5	1	0
S.D.	1.08	.49	1.10	.10	.00	.03	7.6	8.0	1.7	.5	.3
N	10	10	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS								
C96042	2.9	.4	2.3	.1	.0	.0	14	81	4	1	0
C96044	3.6	.6	2.8	.2	.1	.0	17	76	4	2	0
C96045	9.7	1.0	8.4	.2	.1	.0	10	86	2	1	0
C96046	6.4	.6	5.5	.3	.1	.0	9	85	4	1	1
C96047	3.9	.3	3.4	.0	.1	.0	8	89	0	1	0
C96048	4.0	1.1	2.6	.2	.1	.0	28	65	5	2	0
C96049	4.7	.4	4.1	.2	.0	.0	7	88	4	1	0
C96050	3.8	.9	2.6	.3	.1	.0	24	67	7	3	0
C96056	3.0	.4	2.5	.1	.1	.0	13	82	3	2	0
C96060	4.8	.5	4.0	.2	.1	.0	11	84	4	2	0
MEAN	4.7	.6	3.8	.2	.1	.0	14	80	4	2	0
S.D.	2.03	.28	1.89	.09	.04	.00	7.0	8.4	1.8	.7	.3
N	10	10	10	10	10	10	10	10	10	10	10

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Appendix 5

Individual Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS		
C95983	-	-	-	-	-
C95984	-	-	-	-	-
C95985	-	-	-	-	-
C95986	-	-	-	-	-
C95987	-	-	-	-	-
C95988	-	-	-	-	-
C95990	-	-	-	-	-
C95996	-	-	-	-	-
C95997	-	-	-	-	-
C96000	-	-	-	-	-
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS		
C96001	-	-	-	-	-
C96002	-	-	-	-	-
C96003	-	-	-	-	-
C96006	-	-	-	-	-
C96007	-	-	-	-	-
C96008	-	-	-	-	-
C96010	-	-	-	-	-
C96019	-	-	-	-	-
C96020	-	-	-	-	-

6/2000

Appendix 5

Individual Clinical Hematology Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS		
C96021	-	-	-	-	-
C96022	-	-	-	-	-
C96023	-	-	-	-	-
C96024	-	-	-	-	-
C96025	-	-	-	-	-
C96026	-	-	-	-	-
C96027	-	-	-	-	-
C96030	-	-	-	-	-
C96038	-	-	-	-	-
C96040	-	-	-	-	-
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS		
C96042	-	-	-	-	-
C96044	-	-	-	-	-
C96045	-	-	-	-	-
C96046	-	-	-	-	-
C96047	-	-	-	-	-
C96048	-	-	-	-	-
C96049	-	-	-	-	-
C96050	-	-	-	-	-
C96056	-	-	-	-	-
C96060	-	-	-	-	-

052000

Appendix 5

Individual Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS						
C95901	101	9	.7	7.3	4.8	2.5	.2	60	47
C95902	98	11	.7	7.3	4.8	2.5	.2	57	31
C95903	109	14	.6	7.0	4.5	2.5	.2	76	33
C95904	107	12	.7	6.5	4.4	2.1	.2	50	40
C95905	96	11	.6	7.0	4.8	2.2	.2	56	42
C95906	100	9	.6	7.4	5.0	2.4	.2	83	94
C95907	107	9	.5	6.3	4.3	2.0	.2	32	37
C95908	110	13	.7	7.1	4.9	2.2	.2	76	33
C95909	94	12	.6	6.5	4.7	1.8	.2	54	49
C95910	105	9	.7	6.7	4.8	1.9	.2	47	46
MEAN	103	11	.6	6.9	4.7	2.2	.2	59	45
S.D.	5.7	1.9	.07	.39	.23	.26	.00	15.4	18.3
N	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS						
C95921	116	10	.7	7.1	5.1	2.0	.2	50	44
C95922	109	11	.6	6.5	4.5	2.0	.2	51	51
C95923	117	10	.6	7.0	4.8	2.2	.2	54	30
C95924	107	14	.7	6.6	4.5	2.1	.2	88	44
C95925	148	9	.7	7.1	4.7	2.4	.2	62	50
C95926	108	12	.6	7.0	4.7	2.3	.2	50	53
C95927	104	12	.6	6.9	4.7	2.2	.2	59	75
C95928	103	10	.6	6.9	4.9	2.0	.2	45	92
C95929	103	10	.6	6.6	4.6	2.0	.2	60	69
C95930	127	11	.7	7.1	4.9	2.2	.2	63	38
MEAN	114	11	.6	6.9	4.7	2.1	.2	58	55
S.D.	14.1	1.4	.05	.23	.19	.14	.00	12.1	18.8
N	10	10	10	10	10	10	10	10	10

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Appendix 5

Individual Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS						
C95941	93	12	.6	6.5	4.8	1.7	.2	51	41
C95942	114	10	.6	7.1	4.8	2.3	.2	48	63
C95943	129	11	.6	6.5	4.6	1.9	.2	46	26
C95944	91	10	.6	6.8	4.7	2.1	.2	67	40
C95945	111	10	.6	6.5	4.5	2.0	.2	42	30
C95946	104	15	.6	6.9	4.8	2.1	.2	58	33
C95947	116	14	.6	6.4	4.6	1.8	.1	73	39
C95948	124	11	.6	6.6	4.9	1.7	.2	57	39
C95949	84	11	.6	6.7	4.6	2.1	.2	54	49
C95950	90	11	.5	6.5	4.5	2.0	.2	40	36
MEAN	106	12	.6	6.6	4.7	2.0	.2	54	40
S.D.	15.6	1.7	.03	.22	.14	.19	.03	10.6	10.4
N	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS						
C95961	152	17	.7	6.4	4.4	2.0	.2	26	12
C95962	90	11	.6	6.6	4.7	1.9	.2	25	27
C95963	97	12	.7	6.8	4.8	2.0	.2	60	45
C95964	102	13	.6	6.4	4.8	1.6	.2	64	29
C95965	94	12	.6	7.0	4.9	2.1	.2	41	25
C95966	110	13	.5	6.3	4.4	1.9	.2	34	16
C95967	99	13	.6	6.9	4.8	2.1	.2	55	24
C95968	111	12	.6	7.1	4.8	2.3	.2	54	35
C95969	105	13	.5	6.5	4.5	2.0	.2	35	17
C95970	98	13	.6	7.0	5.0	2.0	.2	51	18
MEAN	106	13	.6	6.7	4.7	2.0	.2	44	25
S.D.	17.5	1.6	.07	.29	.21	.18	.00	14.1	9.9
N	10	10	10	10	10	10	10	10	10

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Appendix 5

Individual Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C95901	98	34	1	11.7	10.2	149	6.6	107
C95902	86	35	0	11.3	9.9	149	6.8	107
C95903	71	25	1	11.0	9.0	145	6.1	102
C95904	99	31	0	10.4	10.5	146	5.7	103
C95905	97	34	0	10.4	8.5	148	6.1	107
C95906	143	35	0	11.6	9.6	146	6.8	101
C95907	114	26	1	10.5	8.9	147	6.4	106
C95908	100	33	0	11.0	9.7	147	6.1	104
C95909	111	33	0	10.7	9.3	147	6.0	103
C95910	109	30	0	10.8	9.3	146	5.8	106
MEAN	103	32	0	10.9	9.5	147	6.2	105
S.D.	18.9	3.6	.5	.47	.61	1.3	.39	2.3
N	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS					
C95921	92	33	0	11.1	11.1	150	7.0	108
C95922	115	35	1	10.6	9.0	145	6.0	102
C95923	95	39	0	10.7	10.3	147	7.0	105
C95924	86	26	1	11.0	10.3	147	6.1	106
C95925	79	29	0	10.7	9.0	145	5.9	105
C95926	108	41	0	10.9	9.5	147	6.1	104
C95927	74	35	0	11.1	9.6	146	5.9	104
C95928	123	32	0	10.9	10.5	149	6.2	105
C95929	83	30	0	10.7	9.7	147	5.9	103
C95930	103	30	1	10.6	9.1	148	6.3	105
MEAN	96	33	0	10.8	9.8	147	6.2	105
S.D.	16.1	4.6	.5	.19	.71	1.6	.42	1.6
N	10	10	10	10	10	10	10	10

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Appendix 5

Individual Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS					
C95941	131	33	0	10.5	9.0	147	6.6	106
C95942	109	36	0	10.8	9.0	150	6.5	107
C95943	95	32	2	10.1	8.7	147	6.3	105
C95944	113	32	0	10.9	9.9	147	6.6	105
C95945	76	27	0	10.6	9.0	146	5.4	104
C95946	82	31	0	10.3	7.7	147	5.2	108
C95947	90	36	0	10.1	8.2	147	5.6	107
C95948	88	34	1	10.6	10.4	148	6.0	107
C95949	125	38	1	10.4	8.9	149	6.3	105
C95950	105	26	0	10.9	9.5	147	6.5	106
MEAN	101	32	0	10.5	9.0	148	6.1	106
S.D.	18.3	3.8	.7	.30	.78	1.2	.52	1.2
N	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS					
C95961	86	36	0	10.2	11.4	146	5.8	103
C95962	113	41	0	10.2	8.9	148	6.0	107
C95963	93	35	0	10.9	9.6	148	6.5	106
C95964	122	41	1	10.8	9.0	149	6.5	109
C95965	103	41	0	10.6	9.3	148	6.5	104
C95966	91	41	0	10.0	7.9	143	5.1	104
C95967	94	50	0	11.2	9.2	150	6.1	108
C95968	88	40	0	10.9	9.1	146	6.5	103
C95969	90	41	0	10.0	7.8	142	6.1	102
C95970	86	34	0	10.7	8.3	146	5.7	102
MEAN	97	40	0	10.6	9.0	147	6.1	105
S.D.	12.2	4.5	.3	.42	1.02	2.5	.46	2.5
N	10	10	10	10	10	10	10	10

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Appendix 5

Individual Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS						
C95981	101	13	.7	8.1	5.6	2.5	.2	80	34
C95982	119	11	.7	7.3	5.5	1.8	.2	76	26
C95983	117	13	.7	7.3	4.9	2.4	.2	67	30
C95984	111	13	.7	7.7	5.4	2.3	.3	58	30
C95985	110	14	.7	7.4	5.5	1.9	.3	93	39
C95986	92	12	.7	7.3	5.3	2.0	.2	64	16
C95987	105	11	.7	7.2	5.3	1.9	.2	61	35
C95988	99	13	.7	7.3	5.2	2.1	.2	58	20
C95989	120	12	.7	7.0	5.1	1.9	.2	55	26
C95990	111	10	.6	7.6	5.4	2.2	.3	66	42
MEAN	108	12	.7	7.4	5.3	2.1	.2	68	30
S.D.	9.2	1.2	.03	.31	.21	.24	.05	11.9	8.1
N	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS						
C96001	99	9	.6	7.3	5.4	1.9	.2	53	20
C96002	99	11	.7	7.6	5.8	1.8	.2	54	19
C96003	107	10	.7	7.0	4.9	2.1	.2	87	40
C96004	95	9	.6	6.9	5.0	1.9	.2	70	43
C96005	115	14	.7	7.4	5.0	2.4	.2	81	25
C96006	116	14	.7	6.9	4.8	2.1	.2	68	24
C96007	103	10	.7	7.5	5.3	2.2	.2	54	19
C96008	116	11	.7	8.5	6.0	2.5	.2	75	36
C96009	105	14	.7	7.2	5.2	2.0	.2	78	22
C96010	121	13	.7	7.2	5.4	1.8	.2	69	28
MEAN	108	12	.7	7.4	5.3	2.1	.2	69	28
S.D.	8.9	2.1	.04	.47	.39	.24	.00	12.0	8.9
N	10	10	10	10	10	10	10	10	10

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Appendix 5

Individual Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS						
C96021	102	10	.7	7.6	5.5	2.1	.2	62	28
C96022	116	13	.7	7.1	5.3	1.8	.2	52	30
C96023	113	12	.7	7.9	5.9	2.0	.2	75	25
C96024	95	12	.6	7.1	5.3	1.8	.2	73	37
C96025	111	13	.7	7.7	5.4	2.3	.2	69	21
C96026	94	12	.7	6.9	4.9	2.0	.2	53	25
C96027	105	10	.7	7.1	5.3	1.8	.2	76	43
C96028	123	11	.7	7.0	4.9	2.1	.2	53	26
C96029	117	13	.7	7.0	5.3	1.7	.2	58	28
C96030	99	15	.7	7.2	5.4	1.8	.1	71	21
MEAN	108	12	.7	7.3	5.3	1.9	.2	64	28
S.D.	10.0	1.5	.03	.34	.29	.19	.03	9.7	6.9
N	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS						
C96041	89	12	.6	7.1	5.4	1.7	.2	46	24
C96042	98	15	.6	7.5	5.5	2.0	.2	100	48
C96043	75	13	.6	7.5	5.4	2.1	.2	43	17
C96044	96	12	.6	7.5	5.4	2.1	.2	86	34
C96045	105	11	.6	6.8	5.0	1.8	.2	50	26
C96046	90	15	.6	6.6	4.7	1.9	.2	38	24
C96047	84	14	.8	7.1	5.4	1.7	.2	48	20
C96048	117	15	.7	8.0	5.7	2.3	.2	37	21
C96049	89	15	.6	7.0	5.4	1.6	.2	39	17
C96050	104	13	.7	7.3	5.2	2.1	.2	45	26
MEAN	95	14	.6	7.2	5.3	1.9	.2	53	26
S.D.	12.0	1.5	.07	.41	.28	.23	.00	21.7	9.3
N	10	10	10	10	10	10	10	10	10

926000

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Individual Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C95981	71	31	1	12.0	8.5	147	6.0	105
C95982	91	24	0	10.8	8.0	148	6.5	107
C95983	85	23	1	10.6	7.0	148	6.2	105
C95984	120	34	0	10.7	7.8	147	6.0	106
C95985	91	25	0	11.2	8.1	144	6.3	103
C95986	99	25	1	10.4	8.1	146	5.8	104
C95987	99	36	0	10.3	7.1	145	5.5	105
C95988	101	24	0	10.5	8.0	146	5.9	104
C95989	111	28	1	10.5	7.4	146	5.7	104
C95990	119	33	0	11.2	9.2	146	6.3	104
MEAN	99	28	0	10.8	7.9	146	6.0	105
S.D.	15.3	4.8	.5	.52	.65	1.3	.31	1.2
N	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS					
C96001	91	30	0	10.4	7.9	144	5.4	105
C96002	99	25	0	10.9	8.7	149	5.9	104
C96003	81	22	1	10.9	8.2	146	6.4	106
C96004	95	25	0	10.6	8.8	145	5.5	105
C96005	105	36	0	11.3	9.8	149	6.1	105
C96006	83	23	1	10.3	7.9	147	5.5	107
C96007	94	30	0	10.8	8.3	147	5.8	105
C96008	97	21	0	11.3	8.3	147	6.5	102
C96009	89	23	2	10.2	7.3	146	5.5	106
C96010	100	31	0	10.4	7.1	147	5.7	106
MEAN	93	27	0	10.7	8.2	147	5.8	105
S.D.	7.5	4.9	.7	.40	.77	1.6	.39	1.4
N	10	10	10	10	10	10	10	10

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Individual Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS					
C96021	91	30	0	11.4	9.4	150	7.2	107
C96022	99	29	1	10.6	8.0	146	6.0	102
C96023	86	25	3	10.7	6.2	145	5.1	103
C96024	118	25	0	10.9	8.8	144	6.4	103
C96025	83	28	0	11.0	6.9	145	5.8	104
C96026	80	21	2	10.5	8.3	146	5.6	107
C96027	97	31	0	11.1	8.6	146	6.4	104
C96028	73	31	1	10.7	7.2	145	5.7	104
C96029	112	26	1	10.0	6.4	145	5.4	103
C96030	93	32	2	10.8	7.4	149	6.0	107
MEAN	93	28	1	10.8	7.7	146	6.0	104
S.D.	14.0	3.5	1.1	.38	1.07	1.9	.60	1.9
N	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS					
C96041	96	26	1	10.4	8.2	149	5.6	107
C96042	119	23	0	11.2	8.4	143	6.3	101
C96043	106	31	1	10.7	8.2	149	5.7	108
C96044	82	34	0	11.2	9.6	146	6.7	103
C96045	67	28	1	10.7	8.6	148	5.9	107
C96046	88	36	0	10.6	8.9	146	5.9	107
C96047	113	39	0	10.4	9.2	147	5.8	104
C96048	86	26	2	10.3	6.8	147	5.0	109
C96049	91	34	2	10.5	8.5	150	5.8	109
C96050	80	22	1	10.5	6.1	147	5.0	106
MEAN	93	30	1	10.6	8.2	147	5.8	106
S.D.	16.0	5.8	.8	.32	1.06	2.0	.52	2.6
N	10	10	10	10	10	10	10	10

852000

Appendix 5

Individual Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G		
Group: 1	Dose Level: 0	Dosage Unit: ppm MeFOS	
C95911	11		
C95912	9		
C95913	13		
C95914	10		
C95915	18		
MEAN	12		
S.D.	3.6		
N	5		
Group: 2	Dose Level: 3	Dosage Unit: ppm MeFOS	
C95931	12		
C95932	15		
C95933	13		
C95934	11		
C95935	16		
MEAN	13		
S.D.	2.1		
N	5		
Group: 3	Dose Level: 30	Dosage Unit: ppm MeFOS	
C95951	14		
C95952	7		
C95953	2		
C95954	8		
C95955	9		
MEAN	8		
S.D.	4.3		
N	5		

6522000

Appendix 5

Individual Clinical Chemistry Data

Males Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 4	Dose Level: 100 Dosage Unit: ppm MeFOS
C95971	7
C95972	8
C95973	9
C95974	12
C95975	9
MEAN	9
S.D.	1.9
N	5

052000

Appendix 5

Individual Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G		
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS
C95991	6		
C95992	9		
C95993	3		
C95994	7		
C95995	9		
MEAN	7		
S.D.	2.5		
N	5		
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS
C96011	6		
C96012	3		
C96013	9		
C96014	3		
C96015	2		
MEAN	5		
S.D.	2.9		
N	5		
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS
C96031	7		
C96032	6		
C96033	5		
C96034	5		
C96035	13		
MEAN	7		
S.D.	3.3		
N	5		

T92000

Appendix 5

Individual Clinical Chemistry Data

Females Week 5

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 4	Dose Level: 100 Dosage Unit: ppm MeFOS
C96051	8
C96052	9
C96053	11
C96054	10
C96055	15
MEAN	11
S.D.	2.7
N	5

2320000

Appendix 5

Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS						
C95901	125	12	.8	7.5	4.8	2.7	.2	54	76
C95902	123	13	.8	7.5	4.6	2.9	.1	71	34
C95903	107	14	.8	7.3	4.7	2.6	.2	69	61
C95904	120	17	.8	6.8	4.5	2.3	.2	80	61
C95905	106	11	.7	6.8	4.6	2.2	.1	53	64
C95906	120	11	.7	7.6	5.1	2.5	.2	100	111
C95909	106	14	.8	6.7	4.4	2.3	.1	54	53
C95918	115	13	.8	7.3	4.9	2.4	.1	82	50
C95919	126	10	.7	7.5	5.1	2.4	.1	64	43
C95920	125	11	.7	7.2	4.7	2.5	.2	60	39
MEAN	117	13	.8	7.2	4.7	2.5	.2	69	59
S.D.	8.2	2.1	.05	.34	.24	.21	.05	15.2	22.2
N	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS						
C95921	115	10	.7	6.9	4.8	2.1	.2	37	44
C95922	129	15	.8	6.7	4.6	2.1	.1	44	83
C95924	121	15	.7	6.5	4.4	2.1	.1	87	42
C95925	126	10	.7	7.1	4.6	2.5	.1	60	41
C95926	118	13	.8	7.1	4.7	2.4	.2	41	43
C95927	125	14	.8	7.3	4.9	2.4	.2	56	84
C95928	115	12	.8	7.1	5.0	2.1	.1	38	75
C95936	105	10	.7	6.8	4.5	2.3	.1	61	89
C95937	109	10	.7	7.6	4.9	2.7	.1	69	28
C95939	126	13	.7	6.6	4.5	2.1	.1	79	36
MEAN	119	12	.7	7.0	4.7	2.3	.1	57	56
S.D.	7.9	2.1	.05	.34	.20	.21	.05	17.4	23.3
N	10	10	10	10	10	10	10	10	10

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Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS						
C95941	122	14	.7	6.6	4.8	1.8	.1	39	31
C95942	119	12	.8	7.6	5.1	2.5	.2	45	33
C95943	124	11	.7	6.7	4.7	2.0	.2	33	58
C95944	100	12	.7	6.7	4.6	2.1	.2	59	38
C95947	115	16	.8	6.6	4.5	2.1	.1	71	35
C95948	108	12	.9	7.0	4.7	2.3	.2	57	47
C95949	94	15	.7	5.4	3.8	1.6	.2	36	25
C95950	119	15	.7	6.7	4.8	1.9	.1	31	23
C95958	117	13	.8	7.0	4.5	2.5	.1	72	39
C95960	114	17	.8	7.2	4.9	2.3	.2	50	32
MEAN	113	14	.8	6.8	4.6	2.1	.2	49	36
S.D.	9.7	2.0	.07	.57	.35	.30	.05	15.1	10.3
N	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS						
C95961	131	16	.7	7.3	5.1	2.2	.2	13	15
C95962	121	13	.7	6.5	4.9	1.6	.3	11	12
C95963	153	16	.8	7.5	5.6	1.9	.2	39	27
C95964	140	16	.8	7.4	5.6	1.8	.2	37	21
C95965	120	14	.7	7.3	5.3	2.0	.2	25	18
C95967	123	15	.7	7.5	5.3	2.2	.2	46	21
C95968	120	13	.8	7.7	5.2	2.5	.2	31	16
C95969	123	17	.7	6.8	4.7	2.1	.2	15	9
C95977	116	14	.7	6.7	4.9	1.8	.1	19	19
C95980	131	15	.7	7.1	5.1	2.0	.2	20	14
MEAN	128	15	.7	7.2	5.2	2.0	.2	26	17
S.D.	11.3	1.4	.05	.39	.29	.26	.05	12.1	5.2
N	10	10	10	10	10	10	10	10	10

4932000

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Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C95901	101	44	3	11.3	7.8	154	6.2	113
C95902	95	38	3	10.6	6.0	148	6.4	107
C95903	87	35	1	10.8	7.6	152	6.5	110
C95904	107	42	0	10.3	7.0	149	6.1	109
C95905	110	39	3	9.9	6.2	147	6.1	106
C95906	87	38	3	11.3	6.2	146	5.7	102
C95909	109	47	3	10.2	6.2	148	5.9	107
C95918	59	29	2	11.2	6.2	150	5.9	109
C95919	68	35	0	11.0	6.4	151	6.3	111
C95920	70	36	1	10.6	6.2	151	5.5	113
MEAN	89	38	2	10.7	6.6	150	6.1	109
S.D.	18.4	5.1	1.3	.49	.65	2.5	.31	3.4
N	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS					
C95921	86	49	2	10.3	6.7	150	5.9	111
C95922	80	44	2	10.8	6.7	151	6.2	110
C95924	83	36	2	10.3	6.7	146	6.1	105
C95925	95	43	3	10.2	6.2	148	6.1	106
C95926	94	50	3	10.6	6.1	152	6.3	111
C95927	69	39	2	10.9	6.9	148	6.1	105
C95928	91	44	3	10.8	6.5	150	6.4	110
C95936	100	30	3	10.3	6.1	147	5.5	105
C95937	75	34	3	10.7	6.4	152	5.8	112
C95939	92	39	1	10.7	6.7	152	6.4	112
MEAN	86	41	2	10.6	6.5	150	6.1	109
S.D.	9.7	6.4	.7	.26	.29	2.2	.28	3.1
N	10	10	10	10	10	10	10	10

S32000

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Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS					
C95941	96	44	3	10.3	6.3	150	6.5	112
C95942	111	45	1	10.3	6.2	151	6.4	111
C95943	82	31	3	10.0	6.8	149	6.1	109
C95944	74	38	3	10.6	7.5	150	6.5	111
C95947	75	36	1	10.1	6.4	145	5.4	104
C95948	84	45	3	10.6	7.2	150	6.3	105
C95949	126	49	0	9.2	5.5	145	5.8	104
C95950	94	34	2	10.3	6.8	150	6.1	108
C95958	88	28	3	10.4	6.0	151	6.2	110
C95960	78	34	4	10.4	6.6	150	6.5	110
MEAN	91	38	2	10.2	6.5	149	6.2	108
S.D.	16.7	7.0	1.3	.40	.58	2.2	.36	3.0
N	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS					
C95961	73	46	3	10.6	6.6	152	6.9	112
C95962	83	48	2	10.0	6.8	150	6.5	108
C95963	63	33	2	10.9	7.1	154	6.4	112
C95964	100	64	1	10.6	7.3	152	7.0	112
C95965	99	65	3	10.6	7.3	153	6.7	109
C95967	95	57	2	10.6	6.7	147	5.6	102
C95968	108	70	3	10.5	7.3	147	6.6	103
C95969	86	36	2	10.0	6.2	147	6.3	108
C95977	99	70	1	10.1	6.4	150	5.6	111
C95980	102	108	2	10.5	7.0	151	6.5	112
MEAN	91	60	2	10.4	6.9	150	6.4	109
S.D.	14.3	21.6	.7	.30	.39	2.6	.48	3.8
N	10	10	10	10	10	10	10	10

932000

Appendix 5

Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS						
C95983	123	14	.9	8.3	5.9	2.4	.2	69	55
C95984	137	11	.9	8.5	5.9	2.6	.2	68	40
C95985	125	15	.9	8.1	6.2	1.9	.2	101	37
C95986	133	9	.8	7.5	5.7	1.8	.2	60	31
C95987	115	11	.8	7.9	6.1	1.8	.2	66	35
C95988	114	15	.9	8.0	5.7	2.3	.2	68	28
C95990	107	12	.9	8.7	6.4	2.3	.3	90	86
C95996	120	13	.7	7.2	5.4	1.8	.2	70	41
C95997	114	11	.8	7.5	5.6	1.9	.2	71	35
C96000	104	13	.9	7.4	5.0	2.4	.2	66	39
MEAN	119	12	.8	7.9	5.8	2.1	.2	73	43
S.D.	10.6	2.0	.07	.50	.41	.31	.03	12.6	16.8
N	10	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS						
C96001	120	10	.7	7.6	5.6	2.0	.1	52	19
C96002	123	11	.8	7.6	5.9	1.7	.2	57	24
C96003	124	13	.8	7.1	5.0	2.1	.2	78	32
C96006	113	17	.7	7.0	5.0	2.0	.1	69	34
C96007	138	13	.9	8.6	6.0	2.6	.1	70	34
C96008	125	11	.7	8.3	6.1	2.2	.2	67	92
C96010	111	14	.8	7.3	5.2	2.1	.2	73	28
C96019	116	14	.8	7.9	5.7	2.2	.2	76	45
C96020	123	12	.8	7.7	5.7	2.0	.1	80	34
MEAN	121	13	.8	7.7	5.6	2.1	.2	69	38
S.D.	8.0	2.1	.07	.53	.42	.24	.05	9.4	21.5
N	9	9	9	9	9	9	9	9	9

232000

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Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL	TRIG MG/DL
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS						
C96021	109	13	.8	7.7	5.6	2.1	.2	57	35
C96022	111	16	.9	7.8	5.9	1.9	.2	58	30
C96023	97	13	.8	8.3	6.1	2.2	.2	74	29
C96024	105	12	.7	7.8	5.6	2.2	.2	66	36
C96025	116	13	.9	8.8	6.0	2.8	.2	75	26
C96026	122	12	.7	7.6	5.5	2.1	.2	59	32
C96027	103	13	.8	7.6	5.7	1.9	.2	78	69
C96030	113	17	.8	7.7	5.7	2.0	.2	78	26
C96038	113	16	.9	8.2	5.7	2.5	.2	74	44
C96040	111	13	.8	8.5	6.2	2.3	.1	86	37
MEAN	110	14	.8	8.0	5.8	2.2	.2	70	36
S.D.	7.0	1.8	.07	.42	.24	.28	.03	9.9	12.7
N	10	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS						
C96042	100	15	.8	9.0	6.6	2.4	.2	84	32
C96044	116	14	.9	8.6	6.4	2.2	.2	65	29
C96045	125	15	.8	7.6	5.6	2.0	.2	45	26
C96046	116	18	.9	7.8	5.6	2.2	.2	56	23
C96047	109	17	.8	8.1	6.2	1.9	.2	50	18
C96048	120	18	.9	8.6	6.1	2.5	.2	30	21
C96049	111	18	.8	7.7	5.9	1.8	.2	35	25
C96050	104	20	.7	7.9	5.7	2.2	.2	34	22
C96056	95	19	.8	8.7	6.4	2.3	.2	42	22
C96060	109	14	.8	7.8	5.9	1.9	.2	71	28
MEAN	110	17	.8	8.2	6.0	2.1	.2	51	25
S.D.	9.2	2.1	.06	.50	.36	.23	.00	17.7	4.2
N	10	10	10	10	10	10	10	10	10

832000

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Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C95983	74	27	4	11.0	4.2	152	6.1	113
C95984	92	34	3	10.9	4.2	153	5.7	113
C95985	79	31	2	11.0	4.6	149	5.4	110
C95986	77	31	3	10.7	4.4	151	5.3	114
C95987	79	35	1	11.0	5.0	149	5.8	110
C95988	101	35	3	11.1	5.6	148	5.5	107
C95990	88	48	1	11.7	5.4	152	6.2	112
C95996	78	37	3	11.2	5.0	150	5.6	113
C95997	75	30	1	10.9	5.5	149	5.6	111
C96000	99	33	4	10.5	4.4	147	5.9	106
MEAN	84	34	2	11.0	4.8	150	5.7	111
S.D.	10.1	5.7	1.2	.32	.54	1.9	.29	2.7
N	10	10	10	10	10	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS					
C96001	91	36	1	10.7	5.3	150	6.0	115
C96002	100	31	1	10.6	4.3	149	5.8	108
C96003	190	96	3	10.6	4.3	150	5.9	111
C96006	89	30	3	10.4	5.0	147	5.8	109
C96007	101	44	3	11.7	7.3	159	7.7	114
C96008	81	30	4	10.7	4.3	147	5.1	105
C96010	101	42	3	10.5	5.0	149	6.2	110
C96019	94	35	1	11.1	5.3	150	6.1	114
C96020	114	40	4	11.1	5.4	151	6.4	113
MEAN	107	43	3	10.8	5.1	150	6.1	111
S.D.	32.6	20.7	1.2	.41	.93	3.6	.70	3.3
N	9	9	9	9	9	9	9	9

632000

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Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS					
C96021	84	30	6	11.2	6.0	153	6.9	112
C96022	81	29	4	11.2	6.2	156	6.7	113
C96023	88	30	1	11.0	4.3	147	5.9	105
C96024	65	22	1	11.0	5.6	150	5.6	111
C96025	87	35	2	11.6	6.5	152	6.2	109
C96026	76	29	2	10.6	4.7	148	5.3	109
C96027	106	34	4	10.9	5.2	149	6.4	106
C96030	78	33	2	10.9	6.5	151	6.3	110
C96038	130	34	3	10.9	5.3	149	5.8	107
C96040	485	364	5	11.1	5.9	151	6.5	111
MEAN	128	64	3	11.0	5.6	151	6.2	109
S.D.	126.7	105.5	1.7	.26	.74	2.6	.50	2.6
N	10	10	10	10	10	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS					
C96042	95	30	3	11.5	5.3	150	6.0	110
C96044	75	31	3	11.3	5.6	154	6.0	111
C96045	70	33	5	10.6	5.9	147	5.5	104
C96046	78	41	3	11.0	5.8	151	6.2	110
C96047	79	32	1	10.9	6.8	149	5.8	108
C96048	79	31	2	10.7	4.8	151	5.1	110
C96049	91	48	3	10.9	6.3	155	6.5	112
C96050	66	31	2	10.8	5.4	149	5.4	110
C96056	90	38	3	10.8	3.6	147	5.4	105
C96060	82	41	3	10.9	4.7	152	5.5	114
MEAN	80	36	3	10.9	5.4	150	5.7	109
S.D.	9.3	6.1	1.0	.27	.90	2.7	.43	3.0
N	10	10	10	10	10	10	10	10

022000

Appendix 5

Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 1	Dose Level: 0 Dosage Unit: ppm MeFOS
C95901	4
C95902	11
C95903	11
C95904	10
C95905	11
C95906	12
C95907	8
C95908	10
C95909	10
C95910	8
C95916	11
C95917	11
C95918	13
C95919	8
C95920	7
MEAN	10
S.D.	2.3
N	15

T42000

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Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 2	Dose Level: 3 Dosage Unit: ppm MeFOS
C95921	10
C95922	10
C95923	7
C95924	11
C95925	10
C95926	11
C95927	12
C95928	12
C95929	12
C95930	12
C95936	10
C95937	4
C95938	9
C95939	8
C95940	4
MEAN	9
S.D.	2.7
N	15

2.2000

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Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 3	Dose Level: 30 Dosage Unit: ppm MeFOS
C95941	10
C95942	9
C95943	8
C95944	10
C95945	7
C95946	9
C95947	9
C95948	12
C95949	6
C95950	12
C95956	5
C95957	11
C95958	10
C95959	9
C95960	9
MEAN	9
S.D.	2.0
N	15

000273

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Individual Clinical Chemistry Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 4	Dose Level: 100 Dosage Unit: ppm MeFOS
C95961	17
C95962	11
C95963	12
C95964	11
C95965	5
C95966	12
C95967	38
C95968	13
C95969	19
C95970	22
C95976	22
C95977	5
C95978	12
C95979	15
C95980	16
MEAN	15
S.D.	8.1
N	15

002774

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Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 1	Dose Level: 0 Dosage Unit: ppm MeFOS
C95981	10
C95982	11
C95983	5
C95984	5
C95985	9
C95986	4
C95987	4
C95988	5
C95989	7
C95990	8
C95996	3
C95997	8
C95998	10
C95999	7
C96000	7
MEAN	7
S.D.	2.5
N	15

S2.2000

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Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 2	Dose Level: 3 Dosage Unit: ppm MeFOS
C96001	6
C96002	4
C96003	10
C96004	5
C96005	8
C96006	3
C96007	4
C96008	5
C96009	10
C96010	10
C96017	4
C96018	8
C96019	11
C96020	10
MEAN	7
S.D.	2.9
N	14

92000

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Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 3	Dose Level: 30 Dosage Unit: ppm MeFOS
C96021	4
C96022	11
C96023	14
C96024	5
C96025	8
C96026	11
C96027	7
C96028	9
C96029	11
C96030	12
C96036	9
C96037	10
C96038	10
C96039	10
C96040	5
MEAN	9
S.D.	2.8
N	15

42.2000

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Individual Clinical Chemistry Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	PCOAO IU/G
Group: 4	Dose Level: 100 Dosage Unit: ppm MeFOS
C96041	27
C96042	22
C96043	16
C96044	20
C96045	17
C96046	12
C96047	36
C96048	11
C96049	20
C96050	23
C96056	19
C96057	22
C96058	21
C96059	19
C96060	8
MEAN	20
S.D.	6.7
N	15

82,2000

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Individual Clinical Urinalysis Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS
C95901	18.0	1.018	7.0
C95902	7.6	1.034	7.0
C95903	12.5	1.026	7.0
C95904	6.4	1.044	6.5
C95905	4.0	1.039	7.0
C95906	7.7	1.030	7.0
C95909	.8	1.074	6.5
C95918	12.0	1.025	7.0
C95919	24.7	1.013	7.5
C95920	5.0	1.052	6.5
MEAN	9.9	1.036	6.9
S.D.	7.15	.0179	.32
N	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS
C95921	10.2	1.023	7.5
C95922	6.4	1.026	7.0
C95924	10.6	1.030	7.0
C95925	19.6	1.016	7.0
C95926	2.6	1.040	6.5
C95927	4.7	1.043	6.5
C95928	17.5	1.016	7.0
C95936	8.0	1.030	6.5
C95937	15.3	1.020	7.5
C95939	11.2	1.021	6.5
MEAN	10.6	1.026	6.9
S.D.	5.52	.0093	.39
N	10	10	10

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Individual Clinical Urinalysis Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS
C95941	9.1	1.022	7.5
C95942	21.1	1.013	6.5
C95943	17.1	1.021	7.0
C95944	3.5	1.037	7.0
C95947	10.4	1.024	7.0
C95948	13.6	1.014	7.0
C95949	47.5 a	1.002	6.0
C95950	6.0	1.037	6.5
C95958	1.3	1.060	6.5
C95960	8.0	1.030	7.0
MEAN	13.8	1.026	6.8
S.D.	13.29	.0162	.42
N	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS
C95961	38.5	1.010	7.0
C95962	6.3	1.042	6.5
C95963	14.4	1.024	6.5
C95964	5.6	1.047	6.5
C95965	10.0	1.031	6.5
C95967	19.0	1.019	7.0
C95968	48.2 a	1.007	6.5
C95969	45.2 a	1.004	7.0
C95977	14.5	1.023	6.5
C95980	8.3	1.037	6.5
MEAN	21.0	1.024	6.6
S.D.	16.52	.0148	.24
N	10	10	10

a Sample was overflowing at the time of collection.

052000

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Individual Clinical Urinalysis Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS			
C95901	30	-	-	-	-	-
C95902	30	-	+	-	-	-
C95903	30	-	+	-	-	-
C95904	300	-	+++	-	-	-
C95905	30	-	++	-	-	-
C95906	30	-	-	-	-	-
C95909	100	-	+++	-	-	-
C95918	30	-	+	-	++	-
C95919	30	-	+	-	-	-
C95920	30	-	+	-	-	-
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS			
C95921	30	-	-	-	-	-
C95922	30	-	+	-	-	-
C95924	30	-	-	-	-	-
C95925	30	-	-	-	-	-
C95926	30	-	-	-	-	-
C95927	30	-	++	-	-	-
C95928	30	-	++	-	-	-
C95936	30	-	++	-	-	-
C95937	30	-	-	-	-	-
C95939	10	-	-	-	-	-

T82000

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Individual Clinical Urinalysis Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS			
C95941	30	-	+	-	-	-
C95942	10	-	-	-	-	-
C95943	10	-	+	-	-	-
C95944	30	-	-	-	-	-
C95947	30	-	-	-	-	-
C95948	10	-	+	-	-	-
C95949	0	-	-	-	-	-
C95950	30	-	++	-	-	-
C95958	30	-	+	-	-	-
C95960	30	-	+	-	-	-
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS			
C95961	10	-	-	-	-	-
C95962	30	-	++	-	-	-
C95963	10	-	-	-	-	-
C95964	30	-	++	-	-	-
C95965	30	-	+	-	-	-
C95967	30	-	+	-	-	-
C95968	10	-	-	-	-	-
C95969	10	-	-	-	+++	-
C95977	10	-	+++	-	-	-
C95980	10	-	+	-	-	-

282080

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Individual Clinical Urinalysis Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C95901	0	0	0	3	0	1B4D	BJ	P
C95902	1	1	1	3	0	4D	BJ	PQ
C95903	0	0	1	3	0	4D	BJ	PQ
C95904	0	0	1	2	0	2B4D	BK	PQ
C95905	0	0	1	3	0	0	BJ	P
C95906	0	0	1	2	0	4D	BJ	PQ
C95909	0	0	0	1	0	3D	CJ	-
C95918	4	1	1	3	0	4D	BJ	PQ
C95919	0	1	1	2	0	2B1D	BJ	QR
C95920	0	0	1	2	0	4D	CJ	Q
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS					
C95921	0	1	1	2	0	4D	BKM	PQ
C95922	0	0	1	2	0	3D	BJ	Q
C95924	0	0	1	2	0	3D	BJ	PQ
C95925	0	0	1	2	0	4D	BJ	P
C95926	0	1	0	2	0	3D	BJ	P
C95927	0	0	1	3	0	4D	BJ	Q
C95928	0	1	1	2	0	1B4D	BJ	Q
C95936	0	0	1	3	0	4D	BJ	PQ
C95937	0	0	1	3	0	4D	BJ	PQ
C95939	0	1	1	2	0	2D	BJ	Q

E82000

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Individual Clinical Urinalysis Data

Males Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 3	Dose Level: 30			Dosage Unit: ppm MeFOS				
C95941	0	0	0	3	0	2B3D	BJ	QR
C95942	0	1	1	1	0	4D	BJ	PQ
C95943	0	1	0	2	0	3D	BJ	Q
C95944	0	0	0	2	0	4D	BJ	PQ
C95947	0	0	1	2	0	4D	BJ	PQ
C95948	0	0	1	2	0	4D	BJ	PQ
C95949	0	1	0	1	0	0	AJ	-
C95950	0	1	1	3	0	4D	BJ	PQ
C95958	0	0	1	1	0	4D	CJ	PQ
C95960	0	0	1	2	0	3D	BJ	PQ
Group: 4	Dose Level: 100			Dosage Unit: ppm MeFOS				
C95961	0	1	0	1	0	0	AJ	Q
C95962	0	0	1	2	0	4D	BJ	Q
C95963	0	0	1	2	0	2D	BJ	Q
C95964	0	0	1	1	0	4D	BJ	PQ
C95965	0	0	1	3	0	4D	BJ	PQ
C95967	2	0	1	2	0	4D	BJ	PQ
C95968	0	0	1	3	0	4D	AJ	Q
C95969	4	0	0	0	0	0	AJ	-
C95977	0	0	1	2	0	4D	BJ	PQ
C95980	0	1	1	2	0	3D	BJ	Q

0002284

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Individual Clinical Urinalysis Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS
C95983	4.3	1.027	6.5
C95984	17.5	1.010	7.0
C95985	25.6	1.006	7.0
C95986	36.0	1.005	6.5
C95987	4.3	1.027	6.5
C95988	41.0	1.002	6.5
C95990	2.6	1.034	6.5
C95996	24.3	1.008	7.0
C95997	5.8	1.023	6.5
C96000	8.2	1.017	7.0
MEAN	17.0	1.016	6.7
S.D.	14.13	.0112	.26
N	10	10	10
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS
C96001	3.1	1.027	6.5
C96002	8.2	1.022	6.5
C96003	2.3	1.036	6.5
C96006	7.6	1.022	7.5
C96007	30.4	1.006	6.5
C96008	26.1	1.006	7.5
C96010	12.2	1.015	6.5
C96019	3.8	1.028	6.5
C96020	9.1	1.014	7.0
MEAN	11.4	1.020	6.8
S.D.	10.11	.0102	.44
N	9	9	9

582000

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Individual Clinical Urinalysis Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS
C96021	9.0	1.021	7.0
C96022	9.9	1.019	6.5
C96023	22.1	1.009	6.5
C96024	41.5	1.004	7.0
C96025	2.4	1.030	6.5
C96026	43.8	1.006	6.5
C96027	6.3	1.025	7.0
C96030	7.6	1.020	6.5
C96038	11.3	1.016	7.0
C96040	12.8	1.013	7.0
MEAN	16.7	1.016	6.8
S.D.	14.62	.0084	.26
N	10	10	10
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS
C96042	7.0	1.029	6.5
C96044	2.4	1.039	6.5
C96045	19.0	1.014	6.5
C96046	7.2	1.026	6.5
C96047	18.7	1.010	6.5
C96048	18.0	1.012	6.5
C96049	5.3	1.024	6.5
C96050	9.1	1.026	6.5
C96056	40.5	1.004	7.0
C96060	29.5	1.007	7.0
MEAN	15.7	1.019	6.6
S.D.	12.05	.0113	.21
N	10	10	10

982000

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Individual Clinical Urinalysis Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS			
C95983	30	-	-	-	-	-
C95984	0	-	-	-	-	-
C95985	0	-	-	-	-	-
C95986	0	-	-	-	-	-
C95987	10	-	-	-	-	-
C95988	0	-	-	-	-	-
C95990	30	-	-	-	-	-
C95996	0	-	-	-	-	-
C95997	10	-	-	-	-	-
C96000	10	-	-	-	-	-
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS			
C96001	10	-	-	-	-	-
C96002	10	-	-	-	-	-
C96003	10	-	-	-	-	-
C96006	10	-	-	-	-	-
C96007	0	-	-	-	-	-
C96008	10	-	-	-	-	-
C96010	10	-	-	-	-	-
C96019	10	-	-	-	-	-
C96020	0	-	-	-	-	-

282000

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Individual Clinical Urinalysis Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS			
C96021	10	-	-	-	-	-
C96022	0	-	-	-	-	-
C96023	10	-	-	-	-	-
C96024	0	-	-	-	-	-
C96025	10	-	-	-	-	-
C96026	10	-	-	-	-	-
C96027	10	-	-	-	-	-
C96030	10	-	-	-	-	-
C96038	10	-	-	-	-	-
C96040	0	-	-	-	-	-
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS			
C96042	10	-	-	-	-	-
C96044	30	-	-	-	-	-
C96045	10	-	-	-	-	-
C96046	10	-	-	-	-	-
C96047	0	-	-	-	-	-
C96048	10	-	-	-	-	-
C96049	10	-	-	-	-	-
C96050	10	-	-	-	-	-
C96056	0	-	-	-	-	-
C96060	0	-	-	-	-	-

882000

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Individual Clinical Urinalysis Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C95983	0	1	1	2	0	2D	BJ	-
C95984	0	0	1	1	0	1D	AJ	-
C95985	0	0	0	1	0	0	AJ	-
C95986	0	1	1	1	0	0	AJ	-
C95987	0	1	1	2	0	4D	BJ	P
C95988	0	0	1	3	0	4D	AJ	-
C95990	0	0	1	1	0	2D	BJ	P
C95996	0	0	0	1	0	2D	AJ	-
C95997	0	0	1	3	0	4D	BJ	P
C96000	0	0	1	1	0	4D	BJ	-
Group: 2	Dose Level: 3		Dosage Unit: ppm MeFOS					
C96001	0	0	1	1	0	4D	BJ	P
C96002	0	0	1	2	0	4D	BJ	P
C96003	0	0	1	3	0	4D	BJ	P
C96006	0	1	1	2	0	4D	BJ	P
C96007	0	0	0	1	0	0	AJ	-
C96008	0	0	1	3	0	1D	AJ	-
C96010	0	1	1	2	0	0	BJ	P
C96019	0	0	1	1	0	4D	BJ	-
C96020	0	0	0	1	0	2D	BJ	-

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Appendix 5

Individual Clinical Urinalysis Data

Females Week 14

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 3	Dose Level: 30		Dosage Unit: ppm MeFOS					
C96021	0	1	1	2	0	4D	BJ	P
C96022	0	0	0	1	0	3D	BJ	-
C96023	0	0	1	1	0	0	AJ	-
C96024	1	0	1	1	0	0	AJ	-
C96025	0	0	1	1	0	0	BJ	-
C96026	0	0	1	1	0	1B	AJ	-
C96027	0	1	1	2	0	4D	BJ	P
C96030	0	1	1	1	0	0	BJ	-
C96038	0	0	1	2	0	0	BJ	-
C96040	0	0	1	1	0	0	BJ	P
Group: 4	Dose Level: 100		Dosage Unit: ppm MeFOS					
C96042	0	0	1	1	0	2D	BJ	-
C96044	0	1	0	2	0	1D	BJ	-
C96045	0	0	1	2	0	0	AJ	-
C96046	0	1	1	2	0	4D	BJ	P
C96047	0	1	1	1	0	1B	AJ	-
C96048	0	0	1	1	0	0	BJ	P
C96049	0	0	1	2	0	4D	BJ	P
C96050	0	1	1	2	0	4D	BJ	-
C96056	0	0	0	2	0	0	AJ	-
C96060	0	0	1	1	0	0	AJ	-

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APPENDIX 6

Individual Anatomic Pathology Data

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13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95901 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 477.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:16 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0507	.0106 %	.0234	WEIGHT TAKEN
BRAIN (BR)	2.1637	.4528 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6235	.7582 %	1.6747	WEIGHT TAKEN
LIVER (LI)	13.2353	2.7695 %	6.1170	WEIGHT TAKEN
SPLEEN (SP)	.6399	.1339 %	.2957	WEIGHT TAKEN
TESTIS (TE)	3.0353	.6351 %	1.4028	WEIGHT TAKEN
THYMUS (TH)	.3522	.0737 %	.1628	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0353	.0074 %	.0163	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
HEART (HT) :
-DEGENERATION/NECROSIS,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PANCREAS (PA) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95901 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 477.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:16 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

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13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95902 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 500.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:38 PROSECTOR: JODI THIEREN RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0754	.0151 %	.0353	WEIGHT TAKEN
BRAIN (BR)	2.1335	.4262 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1240	.8238 %	1.9330	WEIGHT TAKEN
LIVER (LI)	15.9820	3.1926 %	7.4910	WEIGHT TAKEN
SPLEEN (SP)	.8310	.1660 %	.3895	WEIGHT TAKEN
TESTIS (TE)	3.5597	.7111 %	1.6685	WEIGHT TAKEN
THYMUS (TH)	.2540	.0507 %	.1191	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0198	.0040 %	.0093	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

THYMUS (TH) :
-MOTTLED; BILATERAL: RED AND TAN
LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
KIDNEY (KD) :
-MINERALIZATION, TUBULAR,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-SLIGHT
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95902 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 500.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:38 PROSECTOR: JODI THIEREN RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

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13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95903 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 482.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:07 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0585	.0121 %	.0273	WEIGHT TAKEN
BRAIN (BR)	2.1393	.4431 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.4896	.7228 %	1.6312	WEIGHT TAKEN
LIVER (LI)	13.3362	2.7623 %	6.2339	WEIGHT TAKEN
SPLEEN (SP)	.8041	.1665 %	.3759	WEIGHT TAKEN
TESTIS (TE)	3.5494	.7352 %	1.6591	WEIGHT TAKEN
THYMUS (TH)	.2730	.0565 %	.1276	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0280	.0058 %	.0131	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LN, MANDIBULAR (MN) :
-MOTTLED; BILATERAL: RED AND TAN

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LUNG (LU) :
-HEMORRHAGE,-MINIMAL
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYROID (TY) :
-ECTOPIC THYMUS,-PRESENT
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
SKIN (SK) :
-EXUDATE, EPIDERMAL SURFACE,-MINIMAL
-INFLAMMATION, SUBACUTE,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95903 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 482.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:07 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95904 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 502.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:07 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0551	.0110 %	.0249	WEIGHT TAKEN
BRAIN (BR)	2.2087	.4393 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1957	.8345 %	1.8996	WEIGHT TAKEN
LIVER (LI)	14.9025	2.9639 %	6.7472	WEIGHT TAKEN
SPLEEN (SP)	.8734	.1737 %	.3954	WEIGHT TAKEN
TESTIS (TE)	3.4791	.6919 %	1.5752	WEIGHT TAKEN
THYMUS (TH)	.3279	.0652 %	.1485	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0119	.0024 %	.0054	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

THYROID (TY) :
>NOTE:>TRIM COMMENT: ONE MISSING AT TIME OF TRIMMING
PARATHYROID (PT) :
>NOTE:>TRIM COMMENT: ONE MISSING AT TIME OF TRIMMING

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
KIDNEY (KD) :
-BASOPHILIC TUBULES, CORTEX,-MINIMAL
-THICKENING, BASEMENT MEMBRANE,-MINIMAL
HEART (HT) :
-DEGENERATION/NECROSIS,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-ONE EXAMINED,-PRESENT
PARATHYROID (PT) :
-ONE EXAMINED,-PRESENT
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

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13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95904 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 502.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:07 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

O B S E R V A T I O N S (CONTINUED)

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

HISTOPATHOLOGY

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

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13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95905 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 477.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:03 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0413	.0086 %	.0188	WEIGHT TAKEN
BRAIN (BR)	2.1962	.4596 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.2242	.6748 %	1.4681	WEIGHT TAKEN
LIVER (LI)	13.4331	2.8114 %	6.1165	WEIGHT TAKEN
SPLEEN (SP)	.8531	.1785 %	.3884	WEIGHT TAKEN
TESTIS (TE)	3.1958	.6689 %	1.4551	WEIGHT TAKEN
THYMUS (TH)	.3319	.0695 %	.1511	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0209	.0044 %	.0095	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

ANIMAL NUMBER: C95905 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 477.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:03 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

T03000301

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95906 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 532.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:06 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0596	.0112 %	.0270	WEIGHT TAKEN
BRAIN (BR)	2.2070	.4146 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6715	.6897 %	1.6636	WEIGHT TAKEN
LIVER (LI)	17.6850	3.3224 %	8.0131	WEIGHT TAKEN
SPLEEN (SP)	.9226	.1733 %	.4180	WEIGHT TAKEN
TESTIS (TE)	3.5489	.6667 %	1.6080	WEIGHT TAKEN
THYMUS (TH)	.2941	.0553 %	.1333	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0273	.0051 %	.0124	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PANCREAS (PA) :
-PIGMENT, BROWN,-MINIMAL

200302

APPENDIX 6

Individual Anatomic Pathology Data

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95906 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 532.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:06 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000303

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95907 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 469.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:56 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0456	.0097 %	.0216	WEIGHT TAKEN
BRAIN (BR)	2.1146	.4507 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.3900	.7225 %	1.6031	WEIGHT TAKEN
LIVER (LI)	12.7160	2.7101 %	6.0134	WEIGHT TAKEN
SPLEEN (SP)	.6803	.1450 %	.3217	WEIGHT TAKEN
TESTIS (TE)	3.1705	.6757 %	1.4993	WEIGHT TAKEN
THYMUS (TH)	.3000	.0639 %	.1419	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0298	.0064 %	.0141	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PANCREAS (PA) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-PIGMENT, BROWN,-MINIMAL
RECTUM (RE) :
-PARASITISM,-PRESENT
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

ANIMAL NUMBER: C95907 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 469.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:56 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

3M 00030S

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95908 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 505.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:36 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0571	.0113 %	.0269	WEIGHT TAKEN
BRAIN (BR)	2.1256	.4209 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.4921	.6915 %	1.6429	WEIGHT TAKEN
LIVER (LI)	13.0677	2.5877 %	6.1478	WEIGHT TAKEN
SPLEEN (SP)	.8254	.1634 %	.3883	WEIGHT TAKEN
TESTIS (TE)	3.3149	.6564 %	1.5595	WEIGHT TAKEN
THYMUS (TH)	.5078	.1006 %	.2389	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0193	.0038 %	.0091	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

9003306

ANIMAL NUMBER: C95908 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 505.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:36 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

3M 00030207

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95909 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 434.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:29 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0629	.0145 %	.0287	WEIGHT TAKEN
BRAIN (BR)	2.1932	.5053 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.1195	.7188 %	1.4224	WEIGHT TAKEN
LIVER (LI)	11.3174	2.6077 %	5.1602	WEIGHT TAKEN
SPLEEN (SP)	.6744	.1554 %	.3075	WEIGHT TAKEN
TESTIS (TE)	3.6084	.8314 %	1.6453	WEIGHT TAKEN
THYMUS (TH)	.3922	.0904 %	.1788	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0256	.0059 %	.0117	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
HARDERIAN GLAND (HG) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL, UPPER INCISORS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95909 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 434.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:29 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

6003309

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95910 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 573.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:54 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0412	.0072 %	.0183	WEIGHT TAKEN
BRAIN (BR)	2.2483	.3918 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.4547	.7764 %	1.9814	WEIGHT TAKEN
LIVER (LI)	16.2577	2.8333 %	7.2311	WEIGHT TAKEN
SPLEEN (SP)	.8328	.1451 %	.3704	WEIGHT TAKEN
TESTIS (TE)	3.6513	.6363 %	1.6240	WEIGHT TAKEN
THYMUS (TH)	.5244	.0914 %	.2332	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0345	.0060 %	.0153	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
KIDNEY (KD) :
-BASOPHILIC TUBULES, CORTEX,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95910 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 573.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:54 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

090311

APPENDIX 6

Individual Anatomic Pathology Data

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95911 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 324.5 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:59 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	9.9529	3.0671 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000312

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95912 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 376.3 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:31 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	12.7772	3.3955 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000313

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95913 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 367.1 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:45 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	11.6383	3.1703 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000314

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95914 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 346.2 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:36 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	11.8655	3.4274 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

STC000315

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95915 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 262.0 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:42 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.5432	2.8791 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000316

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95916 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 557.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:32 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0570	.0102 %	.0246	WEIGHT TAKEN
BRAIN (BR)	2.3125	.4145 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.2219	.7567 %	1.8257	WEIGHT TAKEN
LIVER (LI)	15.3513	2.7516 %	6.6384	WEIGHT TAKEN
SPLEEN (SP)	.8545	.1532 %	.3695	WEIGHT TAKEN
TESTIS (TE)	3.7162	.6661 %	1.6070	WEIGHT TAKEN
THYMUS (TH)	.3622	.0649 %	.1566	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0252	.0045 %	.0109	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

KIDNEY (KD) :
-LARGE PELVIS(ES); RIGHT
THYMUS (TH) :
-RED FOCUS(I)/AREA(S); DIFFUSE: MULTIPLE DARK RED AREAS, UP TO 3 X 2 MM
STOMACH, GL (ST) :
>NOTE:>TRIMMING COMMENT: STOMACH NOT FOUND IN WET TISSUE
STOMACH, NONGL (SU) :
>NOTE:>TRIMMING COMMENT: STOMACH NOT FOUND IN WET TISSUE

DUODENUM (DU) :
>NOTE:>TRIMMING COMMENT: DUODENUM NOT FOUND IN WET TISSUE

HISTOPATHOLOGY

LUNG (LU) :
-INFLAMMATION, SUBACUTE,-MINIMAL
KIDNEY (KD) :
-DILATATION, PELVIC,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL

STOMACH, GL (ST) :
>TISSUE MISSING
STOMACH, NONGL (SU) :
>TISSUE MISSING
PANCREAS (PA) :
-INFLAMMATION, CHRONIC-ACTIVE,-SLIGHT
DUODENUM (DU) :
>TISSUE MISSING
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

000317

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95916 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 557.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:32 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

O B S E R V A T I O N S (CONTINUED)

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

HISTOPATHOLOGY

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95917 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 531.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:37 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0545	.0102 %	.0261	WEIGHT TAKEN
BRAIN (BR)	2.0848	.3920 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.3299	.8140 %	2.0769	WEIGHT TAKEN
LIVER (LI)	13.8740	2.6084 %	6.6548	WEIGHT TAKEN
SPLEEN (SP)	.7099	.1335 %	.3405	WEIGHT TAKEN
TESTIS (TE)	3.4976	.6576 %	1.6777	WEIGHT TAKEN
THYMUS (TH)	.3380	.0635 %	.1621	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0278	.0052 %	.0133	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
RECTUM (RE) :
-PARASITISM,-PRESENT
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000319

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95917 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 531.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:37 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

023020

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95918 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 494.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:58 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0547	.0111 %	.0261	WEIGHT TAKEN
BRAIN (BR)	2.0931	.4231 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6402	.7358 %	1.7391	WEIGHT TAKEN
LIVER (LI)	14.9341	3.0188 %	7.1349	WEIGHT TAKEN
SPLEEN (SP)	.7976	.1612 %	.3811	WEIGHT TAKEN
TESTIS (TE)	3.2582	.6586 %	1.5566	WEIGHT TAKEN
THYMUS (TH)	.2806	.0567 %	.1341	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0265	.0054 %	.0127	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

THYMUS (TH) :
-RED FOCUS(I)/AREA(S); DIFFUSE: MULTIPLE DARK RED AREAS, UP TO 3 X 2 MM
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL

000321

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95918 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 494.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:58 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

2230322

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95919 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 523.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:30 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0603	.0115 %	.0267	WEIGHT TAKEN
BRAIN (BR)	2.2555	.4305 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1905	.7999 %	1.8579	WEIGHT TAKEN
LIVER (LI)	16.3018	3.1116 %	7.2276	WEIGHT TAKEN
SPLEEN (SP)	.9470	.1808 %	.4199	WEIGHT TAKEN
TESTIS (TE)	3.1638	.6039 %	1.4027	WEIGHT TAKEN
THYMUS (TH)	.2340	.0447 %	.1037	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0308	.0059 %	.0137	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

LN, MANDIBULAR (MN) :
-DIFFUSELY RED; RIGHT: DARK RED

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
HEART (HT) :
-DEGENERATION/NECROSIS,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PARATHYROID (PT) :
-CYST,-PRESENT
PITUITARY (PI) :
-CYST,-PRESENT
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

APPENDIX 6

Individual Anatomic Pathology Data

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95919 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 523.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:30 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000324

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95920 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 514.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:35 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0685	.0133 %	.0314	WEIGHT TAKEN
BRAIN (BR)	2.1808	.4241 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1319	.8036 %	1.8947	WEIGHT TAKEN
LIVER (LI)	15.1321	2.9428 %	6.9388	WEIGHT TAKEN
SPLEEN (SP)	.8162	.1587 %	.3743	WEIGHT TAKEN
TESTIS (TE)	3.1121	.6052 %	1.4270	WEIGHT TAKEN
THYMUS (TH)	.4094	.0796 %	.1877	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0193	.0038 %	.0088	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95920 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 514.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:35 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

9220000

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95921 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 478.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:11 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0513	.0107 %	.0226	WEIGHT TAKEN
BRAIN (BR)	2.2655	.4736 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.4063	.7120 %	1.5036	WEIGHT TAKEN
LIVER (LI)	13.6319	2.8495 %	6.0172	WEIGHT TAKEN
SPLEEN (SP)	.7113	.1487 %	.3140	WEIGHT TAKEN
TESTIS (TE)	3.1045	.6489 %	1.3703	WEIGHT TAKEN
THYMUS (TH)	.2703	.0565 %	.1193	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0315	.0066 %	.0139	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

THYMUS (TH) :
-DIFFUSELY RED; LEFT LOBE: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-SLIGHT

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

228000

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95922 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 486.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:30 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0448	.0092 %	.0206	WEIGHT TAKEN
BRAIN (BR)	2.1727	.4463 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.4077	.7000 %	1.5684	WEIGHT TAKEN
LIVER (LI)	13.7456	2.8237 %	6.3265	WEIGHT TAKEN
SPLEEN (SP)	.7358	.1512 %	.3387	WEIGHT TAKEN
TESTIS (TE)	3.6580	.7514 %	1.6836	WEIGHT TAKEN
THYMUS (TH)	.2339	.0480 %	.1077	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0446	.0092 %	.0205	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95923 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 491.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:47 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0499	.0101 %	.0232	WEIGHT TAKEN
BRAIN (BR)	2.1488	.4370 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.0171	.8170 %	1.8695	WEIGHT TAKEN
LIVER (LI)	13.8730	2.8214 %	6.4562	WEIGHT TAKEN
SPLEEN (SP)	.6287	.1279 %	.2926	WEIGHT TAKEN
TESTIS (TE)	3.6620	.7448 %	1.7042	WEIGHT TAKEN
THYMUS (TH)	.3346	.0680 %	.1557	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0122	.0025 %	.0057	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95924 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 498.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:45 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0561	.0113 %	.0258	WEIGHT TAKEN
BRAIN (BR)	2.1774	.4367 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.7379	.7497 %	1.7167	WEIGHT TAKEN
LIVER (LI)	13.9536	2.7986 %	6.4084	WEIGHT TAKEN
SPLEEN (SP)	.9245	.1854 %	.4246	WEIGHT TAKEN
TESTIS (TE)	3.5483	.7117 %	1.6296	WEIGHT TAKEN
THYMUS (TH)	.3028	.0607 %	.1391	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0248	.0050 %	.0114	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

0000330

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95925 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 468.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:10 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0628	.0134 %	.0283	WEIGHT TAKEN
BRAIN (BR)	2.2194	.4739 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.9763	.8491 %	1.7916	WEIGHT TAKEN
LIVER (LI)	14.6970	3.1384 %	6.6221	WEIGHT TAKEN
SPLEEN (SP)	.6523	.1393 %	.2939	WEIGHT TAKEN
TESTIS (TE)	3.1815	.6794 %	1.4335	WEIGHT TAKEN
THYMUS (TH)	.2829	.0604 %	.1275	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0261	.0056 %	.0118	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

STOMACH, GL (ST) :
-LIGHT FOCUS(I)/AREA(S); MUCOSA, NEAR ESOPHAGEAL GROVE:
SINGLE WHITE, SLIGHTLY RAISED AREA, 1 MM IN DIAMETER
LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL, UPPER INCISORS

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
STOMACH, GL (ST) :
>UNREMARKABLE

LN, MANDIBULAR (MN) :
-HEMORRHAGE,-SLIGHT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95925 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 468.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:10 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

000332

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95926 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 438.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:19 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0518	.0118 %	.0261	WEIGHT TAKEN
BRAIN (BR)	1.9876	.4531 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.8500	.6496 %	1.4339	WEIGHT TAKEN
LIVER (LI)	11.7726	2.6835 %	5.9230	WEIGHT TAKEN
SPLEEN (SP)	.6868	.1566 %	.3455	WEIGHT TAKEN
TESTIS (TE)	2.7873	.6354 %	1.4023	WEIGHT TAKEN
THYMUS (TH)	.3553	.0810 %	.1788	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0163	.0037 %	.0082	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

000333

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95927 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 469.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:50 PROSECTOR: JODI THIEREN RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0504	.0107 %	.0239	WEIGHT TAKEN
BRAIN (BR)	2.1110	.4497 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.0122	.8548 %	1.9006	WEIGHT TAKEN
LIVER (LI)	14.9670	3.1885 %	7.0900	WEIGHT TAKEN
SPLEEN (SP)	.6945	.1480 %	.3290	WEIGHT TAKEN
TESTIS (TE)	3.0365	.6469 %	1.4384	WEIGHT TAKEN
THYMUS (TH)	.3438	.0732 %	.1629	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0230	.0049 %	.0109	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: SINGLE DARK BROWN LINEAR AREA, 3 X 1 MM
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
STOMACH, GL (ST) :
-EROSION,-SLIGHT

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

0003334

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95928 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 486.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:23 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0537	.0110 %	.0259	WEIGHT TAKEN
BRAIN (BR)	2.0720	.4262 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6794	.7569 %	1.7758	WEIGHT TAKEN
LIVER (LI)	14.1057	2.9018 %	6.8078	WEIGHT TAKEN
SPLEEN (SP)	.5995	.1233 %	.2893	WEIGHT TAKEN
TESTIS (TE)	3.4858	.7171 %	1.6823	WEIGHT TAKEN
THYMUS (TH)	.2143	.0441 %	.1034	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0300	.0062 %	.0145	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

0003335

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95929 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 505.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:20 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0687	.0136 %	.0317	WEIGHT TAKEN
BRAIN (BR)	2.1644	.4282 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.1590	.6249 %	1.4595	WEIGHT TAKEN
LIVER (LI)	13.3939	2.6496 %	6.1883	WEIGHT TAKEN
SPLEEN (SP)	.8459	.1673 %	.3908	WEIGHT TAKEN
TESTIS (TE)	3.7218	.7363 %	1.7196	WEIGHT TAKEN
THYMUS (TH)	.2340	.0463 %	.1081	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0298	.0059 %	.0138	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

THYMUS (TH) :
-RED FOCUS(I)/AREA(S); RIGHT LOBE: SINGLE DARK RED AREA, 6 X 3 MM
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-SLIGHT

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

000336

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95930 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 484.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:59 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0711	.0147 %	.0350	WEIGHT TAKEN
BRAIN (BR)	2.0340	.4202 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.8914	.8040 %	1.9132	WEIGHT TAKEN
LIVER (LI)	15.3859	3.1789 %	7.5644	WEIGHT TAKEN
SPLEEN (SP)	.8442	.1744 %	.4150	WEIGHT TAKEN
TESTIS (TE)	3.4684	.7166 %	1.7052	WEIGHT TAKEN
THYMUS (TH)	.4143	.0856 %	.2037	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0169	.0035 %	.0083	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

KIDNEY (KD) :
-LARGE PELVIS(ES); LEFT
-GRANULAR MATERIAL; LEFT, WITHIN PELVIS: MULTIPLE TAN, PINPOINT GRANULES
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
KIDNEY (KD) :
-DILATATION, PELVIC,-SLIGHT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95930 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 484.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:59 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

0003338

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95931 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 362.7 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:47 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	11.8205	3.2590 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

0003339

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95932 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 329.1 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:42 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	9.9205	3.0144 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95933 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 341.3 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:44 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	11.2465	3.2952 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

0003441

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95934 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 317.0 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:58 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	9.9286	3.1321 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000342

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95935 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 354.6 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 12:07 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	11.8361	3.3379 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000343

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95936 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 550.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:51 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0484	.0088 %	.0234	WEIGHT TAKEN
BRAIN (BR)	2.0694	.3756 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1177	.7474 %	1.9898	WEIGHT TAKEN
LIVER (LI)	15.6498	2.8408 %	7.5625	WEIGHT TAKEN
SPLEEN (SP)	.7959	.1445 %	.3846	WEIGHT TAKEN
TESTIS (TE)	3.1581	.5733 %	1.5261	WEIGHT TAKEN
THYMUS (TH)	.3262	.0592 %	.1576	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0188	.0034 %	.0091	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; LEFT, UPPER INCISOR

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

0003444

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95937 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 444.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:10 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0662	.0149 %	.0293	WEIGHT TAKEN
BRAIN (BR)	2.2591	.5082 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.7504	.8437 %	1.6601	WEIGHT TAKEN
LIVER (LI)	16.6721	3.7508 %	7.3800	WEIGHT TAKEN
SPLEEN (SP)	.8440	.1899 %	.3736	WEIGHT TAKEN
TESTIS (TE)	3.2365	.7281 %	1.4327	WEIGHT TAKEN
THYMUS (TH)	.3431	.0772 %	.1519	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0289	.0065 %	.0128	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL, UPPER INCISORS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

0003345

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95938 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 497.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:59 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0579	.0116 %	.0271	WEIGHT TAKEN
BRAIN (BR)	2.1368	.4294 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1230	.8286 %	1.9295	WEIGHT TAKEN
LIVER (LI)	16.5589	3.3278 %	7.7494	WEIGHT TAKEN
SPLEEN (SP)	.5647	.1135 %	.2643	WEIGHT TAKEN
TESTIS (TE)	3.6229	.7281 %	1.6955	WEIGHT TAKEN
THYMUS (TH)	.3002	.0603 %	.1405	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0272	.0055 %	.0127	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

000346

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95939 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 447.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:23 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0634	.0142 %	.0273	WEIGHT TAKEN
BRAIN (BR)	2.3237	.5189 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6350	.8117 %	1.5643	WEIGHT TAKEN
LIVER (LI)	12.6033	2.8145 %	5.4238	WEIGHT TAKEN
SPLEEN (SP)	1.1088	.2476 %	.4772	WEIGHT TAKEN
TESTIS (TE)	3.2485	.7254 %	1.3980	WEIGHT TAKEN
THYMUS (TH)	.4355	.0973 %	.1874	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0289	.0065 %	.0124	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

000347

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95940 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 483.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:10 PROSECTOR: KIMBERLY DURLAND RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0659	.0136 %	.0308	WEIGHT TAKEN
BRAIN (BR)	2.1363	.4422 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1869	.8667 %	1.9599	WEIGHT TAKEN
LIVER (LI)	14.1874	2.9367 %	6.6411	WEIGHT TAKEN
SPLEEN (SP)	.8620	.1784 %	.4035	WEIGHT TAKEN
TESTIS (TE)	3.8586	.7987 %	1.8062	WEIGHT TAKEN
THYMUS (TH)	.2849	.0590 %	.1334	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0224	.0046 %	.0105	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL UPPER INCISORS

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-SLIGHT

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95941 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 411.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:42 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0457	.0111 %	.0216	WEIGHT TAKEN
BRAIN (BR)	2.1186	.5148 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.5249	.8566 %	1.6638	WEIGHT TAKEN
LIVER (LI)	13.6671	3.3213 %	6.4510	WEIGHT TAKEN
SPLEEN (SP)	.8387	.2038 %	.3959	WEIGHT TAKEN
TESTIS (TE)	3.2827	.7977 %	1.5495	WEIGHT TAKEN
THYMUS (TH)	.3528	.0857 %	.1665	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0182	.0044 %	.0086	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-FIBROSIS, CAPSULAR,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95941 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 411.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:42 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000350

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95942 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 418.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:58 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0694	.0166 %	.0335	WEIGHT TAKEN
BRAIN (BR)	2.0705	.4945 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1159	.9830 %	1.9879	WEIGHT TAKEN
LIVER (LI)	14.8588	3.5488 %	7.1764	WEIGHT TAKEN
SPLEEN (SP)	.6815	.1628 %	.3291	WEIGHT TAKEN
TESTIS (TE)	3.5997	.8597 %	1.7386	WEIGHT TAKEN
THYMUS (TH)	.2568	.0613 %	.1240	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0174	.0042 %	.0084	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL, UPPER INCISORS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, PERIPORTAL,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-SLIGHT

ANIMAL NUMBER: C95942 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 418.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:58 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95943 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 500.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:21 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0531	.0106 %	.0251	WEIGHT TAKEN
BRAIN (BR)	2.1128	.4225 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1504	.8299 %	1.9644	WEIGHT TAKEN
LIVER (LI)	19.4681	3.8928 %	9.2144	WEIGHT TAKEN
SPLEEN (SP)	.6715	.1343 %	.3178	WEIGHT TAKEN
TESTIS (TE)	3.5995	.7198 %	1.7037	WEIGHT TAKEN
THYMUS (TH)	.3527	.0705 %	.1669	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0275	.0055 %	.0130	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, DIFFUSE,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95943 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 500.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:21 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000354

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95944 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 433.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:31 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0511	.0118 %	.0235	WEIGHT TAKEN
BRAIN (BR)	2.1737	.5018 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.9789	.9185 %	1.8305	WEIGHT TAKEN
LIVER (LI)	15.6049	3.6022 %	7.1790	WEIGHT TAKEN
SPLEEN (SP)	.6847	.1581 %	.3150	WEIGHT TAKEN
TESTIS (TE)	3.4797	.8033 %	1.6008	WEIGHT TAKEN
THYMUS (TH)	.2276	.0525 %	.1047	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0265	.0061 %	.0122	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-SLIGHT

ANIMAL NUMBER: C95944 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 433.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:31 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000356

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95945 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 491.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:17 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0502	.0102 %	.0232	WEIGHT TAKEN
BRAIN (BR)	2.1630	.4403 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1701	.8488 %	1.9279	WEIGHT TAKEN
LIVER (LI)	17.2249	3.5060 %	7.9634	WEIGHT TAKEN
SPLEEN (SP)	.6713	.1366 %	.3104	WEIGHT TAKEN
TESTIS (TE)	3.8878	.7913 %	1.7974	WEIGHT TAKEN
THYMUS (TH)	.2839	.0578 %	.1313	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0216	.0044 %	.0100	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, DIFFUSE,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95945 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 491.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:17 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000358

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95946 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 469.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:59 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0648	.0138 %	.0273	WEIGHT TAKEN
BRAIN (BR)	2.3771	.5068 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.3029	.7042 %	1.3895	WEIGHT TAKEN
LIVER (LI)	15.7438	3.3569 %	6.6231	WEIGHT TAKEN
SPLEEN (SP)	.7863	.1677 %	.3308	WEIGHT TAKEN
TESTIS (TE)	3.5288	.7524 %	1.4845	WEIGHT TAKEN
THYMUS (TH)	.1989	.0424 %	.0837	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0365	.0078 %	.0154	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

000359

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95946 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 469.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:59 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000360

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95947 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 449.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:45 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0507	.0113 %	.0231	WEIGHT TAKEN
BRAIN (BR)	2.1942	.4877 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.2317	.7183 %	1.4728	WEIGHT TAKEN
LIVER (LI)	15.1188	3.3605 %	6.8903	WEIGHT TAKEN
SPLEEN (SP)	.8297	.1844 %	.3781	WEIGHT TAKEN
TESTIS (TE)	3.2832	.7298 %	1.4963	WEIGHT TAKEN
THYMUS (TH)	.3773	.0839 %	.1720	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0232	.0052 %	.0106	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
	LIVER (LI) : -HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL -INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL -NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) : -RED FOCUS(I)/AREA(S); DIFFUSE: MULTIPLE DARK RED PINPOINT FOCI	THYMUS (TH) : -HEMORRHAGE,-MINIMAL
LN, MANDIBULAR (MN) : -MOTTLED; BILATERAL: DARK RED AND TAN	LN, MANDIBULAR (MN) : -HEMORRHAGE,-MINIMAL
GENERAL COMMENT (GC) : -BONE MARROW SMEAR TAKEN	

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95947 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 449.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:45 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

0003362

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95948 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 476.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:44 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0458	.0096 %	.0214	WEIGHT TAKEN
BRAIN (BR)	2.1430	.4499 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6102	.7580 %	1.6846	WEIGHT TAKEN
LIVER (LI)	13.4487	2.8236 %	6.2756	WEIGHT TAKEN
SPLEEN (SP)	.8221	.1726 %	.3836	WEIGHT TAKEN
TESTIS (TE)	3.2511	.6826 %	1.5171	WEIGHT TAKEN
THYMUS (TH)	.3464	.0727 %	.1616	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0202	.0042 %	.0094	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

THYMUS (TH) :
-DIFFUSELY RED; DARK RED
LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
GENERAL INFORMATION (XX) :
>NOTE:>ANIMAL IDENTIFICATION TRANSPONDER DAMAGED AT NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-SLIGHT
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-SLIGHT

000363

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95948 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 476.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:44 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

0003641

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95949 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 421.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:44 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0562	.0133 %	.0274	WEIGHT TAKEN
BRAIN (BR)	2.0546	.4879 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.9393	.9355 %	1.9173	WEIGHT TAKEN
LIVER (LI)	14.9562	3.5517 %	7.2794	WEIGHT TAKEN
SPLEEN (SP)	.7402	.1758 %	.3603	WEIGHT TAKEN
TESTIS (TE)	3.5816	.8505 %	1.7432	WEIGHT TAKEN
THYMUS (TH)	.1584	.0376 %	.0771	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0219	.0052 %	.0107	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL, UPPER INCISORS
-STAINS-PERINEUM/PERIANAL; YELLOW AND MOIST

0003655

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95949 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 421.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:44 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
LIVER (LI), STOMACH, GL (ST), STOMACH, NONGL (SU)

000366

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95950 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 467.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:29 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0593	.0127 %	.0267	WEIGHT TAKEN
BRAIN (BR)	2.2213	.4750 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.8346	.8201 %	1.7263	WEIGHT TAKEN
LIVER (LI)	15.5750	3.3308 %	7.0117	WEIGHT TAKEN
SPLEEN (SP)	.6608	.1413 %	.2975	WEIGHT TAKEN
TESTIS (TE)	3.4323	.7340 %	1.5452	WEIGHT TAKEN
THYMUS (TH)	.2306	.0493 %	.1038	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0259	.0055 %	.0117	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

THYMUS (TH) :
-RED FOCUS(I)/AREA(S); BOTH LOBES: MULTIPLE DARK RED AREAS, UP TO 5 MM IN DIAMETER
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-SLIGHT
-INVOLUTION,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95950 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 467.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:29 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95951 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 381.8 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 12:06 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)				NOT TAKEN
BRAIN (BR)				NOT TAKEN
KIDNEY (KD)				NOT TAKEN
LIVER (LI)	13.6836	3.5840 %		WEIGHT TAKEN
SPLEEN (SP)				NOT TAKEN
TESTIS (TE)				NOT TAKEN
THYMUS (TH)				NOT TAKEN
THYROID/PARATHYR (TT)				NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95952 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 316.5 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:25 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	11.6980	3.6961 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95953 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 326.4 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:13 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	11.6552	3.5708 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95954 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 365.4 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:38 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	13.5081	3.6968 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

0003722

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95955 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 346.9 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:55 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)				NOT TAKEN
BRAIN (BR)				NOT TAKEN
KIDNEY (KD)				NOT TAKEN
LIVER (LI)	15.0803	4.3472 %		WEIGHT TAKEN
SPLEEN (SP)				NOT TAKEN
TESTIS (TE)				NOT TAKEN
THYMUS (TH)				NOT TAKEN
THYROID/PARATHYR (TT)				NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000373

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95956 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 523.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:27 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0526	.0101 %	.0246	WEIGHT TAKEN
BRAIN (BR)	2.1420	.4093 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.8586	.7374 %	1.8014	WEIGHT TAKEN
LIVER (LI)	17.4646	3.3374 %	8.1534	WEIGHT TAKEN
SPLEEN (SP)	.7985	.1526 %	.3728	WEIGHT TAKEN
TESTIS (TE)	2.7847	.5321 %	1.3000	WEIGHT TAKEN
THYMUS (TH)	.3131	.0598 %	.1462	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0268	.0051 %	.0125	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000374

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95956 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 523.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:27 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000375

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95957 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 474.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:54 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0530	.0112 %	.0243	WEIGHT TAKEN
BRAIN (BR)	2.1797	.4592 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.2081	.8865 %	1.9306	WEIGHT TAKEN
LIVER (LI)	16.5473	3.4858 %	7.5915	WEIGHT TAKEN
SPLEEN (SP)	.8376	.1764 %	.3843	WEIGHT TAKEN
TESTIS (TE)	3.8841	.8182 %	1.7819	WEIGHT TAKEN
THYMUS (TH)	.2384	.0502 %	.1094	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0268	.0056 %	.0123	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000376

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95957 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 474.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:54 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

0003727

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95958 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 471.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:40 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0509	.0108 %	.0238	WEIGHT TAKEN
BRAIN (BR)	2.1388	.4538 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6164	.7673 %	1.6909	WEIGHT TAKEN
LIVER (LI)	16.8594	3.5772 %	7.8826	WEIGHT TAKEN
SPLEEN (SP)	.7451	.1581 %	.3484	WEIGHT TAKEN
TESTIS (TE)	3.0781	.6531 %	1.4392	WEIGHT TAKEN
THYMUS (TH)	.2885	.0612 %	.1349	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0212	.0045 %	.0099	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95958 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 471.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:40 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000379

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95959 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 443.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:39 PROSECTOR: KIMBERLY DURLAND RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0479	.0108 %	.0214	WEIGHT TAKEN
BRAIN (BR)	2.2347	.5040 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6999	.8344 %	1.6557	WEIGHT TAKEN
LIVER (LI)	15.7371	3.5492 %	7.0422	WEIGHT TAKEN
SPLEEN (SP)	.6008	.1355 %	.2689	WEIGHT TAKEN
TESTIS (TE)	3.2245	.7272 %	1.4429	WEIGHT TAKEN
THYMUS (TH)	.2848	.0642 %	.1274	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0286	.0065 %	.0128	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL

000320

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95959 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 443.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:39 PROSECTOR: KIMBERLY DURLAND RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

0003851

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95960 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 449.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:43 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0760	.0169 %	.0346	WEIGHT TAKEN
BRAIN (BR)	2.1953	.4883 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.8855	.8642 %	1.7699	WEIGHT TAKEN
LIVER (LI)	16.2467	3.6136 %	7.4007	WEIGHT TAKEN
SPLEEN (SP)	.6429	.1430 %	.2929	WEIGHT TAKEN
TESTIS (TE)	3.8243	.8506 %	1.7420	WEIGHT TAKEN
THYMUS (TH)	.1769	.0393 %	.0806	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0243	.0054 %	.0111	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

THYMUS (TH) :
-RED FOCUS(I)/AREA(S); BOTH LOBES: MULTIPLE DARK RED, PINPOINT FOCI
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-SLIGHT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95960 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 449.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:43 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000383

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95961 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 483.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:53 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0572	.0118 %	.0248	WEIGHT TAKEN
BRAIN (BR)	2.3075	.4776 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.4633	.9239 %	1.9343	WEIGHT TAKEN
LIVER (LI)	27.5733	5.7076 %	11.9494	WEIGHT TAKEN
SPLEEN (SP)	.7101	.1470 %	.3077	WEIGHT TAKEN
TESTIS (TE)	3.9981	.8276 %	1.7327	WEIGHT TAKEN
THYMUS (TH)	.3288	.0681 %	.1425	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0241	.0050 %	.0104	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LIVER (LI) :
-LARGE; ALL LOBES, MARGINS ROUNDED

LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL: DARK RED
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-SLIGHT
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL

0003354

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95961 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 483.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:53 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000385

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95962 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 428.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:31 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0573	.0134 %	.0263	WEIGHT TAKEN
BRAIN (BR)	2.1762	.5083 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.9386	.9200 %	1.8099	WEIGHT TAKEN
LIVER (LI)	21.3603	4.9896 %	9.8154	WEIGHT TAKEN
SPLEEN (SP)	.6749	.1577 %	.3101	WEIGHT TAKEN
TESTIS (TE)	3.5204	.8223 %	1.6177	WEIGHT TAKEN
THYMUS (TH)	.2975	.0695 %	.1367	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0265	.0062 %	.0122	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
HARDERIAN GLAND (HG) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95962 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 428.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:31 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000237

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95963 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 473.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:30 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0519	.0110 %	.0250	WEIGHT TAKEN
BRAIN (BR)	2.0730	.4381 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.9593	.8367 %	1.9099	WEIGHT TAKEN
LIVER (LI)	26.0579	5.5067 %	12.5701	WEIGHT TAKEN
SPLEEN (SP)	.6285	.1328 %	.3032	WEIGHT TAKEN
TESTIS (TE)	3.4019	.7189 %	1.6411	WEIGHT TAKEN
THYMUS (TH)	.2799	.0592 %	.1350	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0246	.0052 %	.0119	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LIVER (LI) :
-LARGE; ALL LOBES THICKENED, MARGINS ROUNDED
-DIFFUSELY DARK; ALL LOBES: DARK BROWN
STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: SINGLE DARK BROWN FOCUS, 1 MM IN DIAMETER

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
STOMACH, GL (ST) :
-EROSION,-SLIGHT

PANCREAS (PA) :
-ATROPHY, ACINAR,-MINIMAL
-INFLAMMATION, CHRONIC-ACTIVE,-SLIGHT
-PIGMENT, BROWN,-MINIMAL
HARDERIAN GLAND (HG) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95963 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 473.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:30 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

O B S E R V A T I O N S (CONTINUED)

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

HISTOPATHOLOGY

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95964 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 462.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:07 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0554	.0120 %	.0243	WEIGHT TAKEN
BRAIN (BR)	2.2840	.4934 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.5315	.9789 %	1.9840	WEIGHT TAKEN
LIVER (LI)	30.5553	6.6008 %	13.3780	WEIGHT TAKEN
SPLEEN (SP)	.7488	.1618 %	.3278	WEIGHT TAKEN
TESTIS (TE)	3.8137	.8239 %	1.6697	WEIGHT TAKEN
THYMUS (TH)	.2714	.0586 %	.1188	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0220	.0048 %	.0096	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-NECROSIS, COAGULATIVE,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
LN, MESENTERIC (MS) :
-HEMORRHAGE,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
URINARY BLADDER (UB) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95964 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 462.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:07 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

O B S E R V A T I O N S (CONTINUED)

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

HISTOPATHOLOGY

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

0003391

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95965 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 421.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:04 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0569	.0135 %	.0271	WEIGHT TAKEN
BRAIN (BR)	2.1026	.4984 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.2312	1.0029 %	2.0124	WEIGHT TAKEN
LIVER (LI)	24.8958	5.9009 %	11.8405	WEIGHT TAKEN
SPLEEN (SP)	.5544	.1314 %	.2637	WEIGHT TAKEN
TESTIS (TE)	3.5478	.8409 %	1.6873	WEIGHT TAKEN
THYMUS (TH)	.2759	.0654 %	.1312	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0214	.0051 %	.0102	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

LIVER (LI) :
-LARGE; ALL LOBES: THICKENED
-DIFFUSELY DARK; ALL LOBES: DARK BROWN

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
KIDNEY (KD) :
-MINERALIZATION, TUBULAR,-MINIMAL
HEART (HT) :
-DEGENERATION/NECROSIS,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
JEJUNUM (JE) :
>UNREMARKABLE
>NOTE:>ON SLIDE 13.

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95965 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 421.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:04 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000393

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95966 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 444.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:53 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0524	.0118 %	.0257	WEIGHT TAKEN
BRAIN (BR)	2.0426	.4597 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.8321	1.0876 %	2.3657	WEIGHT TAKEN
LIVER (LI)	20.9821	4.7225 %	10.2723	WEIGHT TAKEN
SPLEEN (SP)	.7381	.1661 %	.3614	WEIGHT TAKEN
TESTIS (TE)	3.0674	.6904 %	1.5017	WEIGHT TAKEN
THYMUS (TH)	.3532	.0795 %	.1729	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0227	.0051 %	.0111	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
LN, MESENTERIC (MS) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
URINARY BLADDER (UB) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95966 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 444.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:53 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000393

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95967 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 447.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:54 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0473	.0106 %	.0221	WEIGHT TAKEN
BRAIN (BR)	2.1398	.4778 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.1495	.9266 %	1.9392	WEIGHT TAKEN
LIVER (LI)	25.0600	5.5962 %	11.7114	WEIGHT TAKEN
SPLEEN (SP)	.4205	.0939 %	.1965	WEIGHT TAKEN
TESTIS (TE)	3.2710	.7305 %	1.5286	WEIGHT TAKEN
THYMUS (TH)	.1537	.0343 %	.0718	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0278	.0062 %	.0130	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

KIDNEY (KD) :
-LARGE PELVIS(ES); LEFT
THYMUS (TH) :
-DIFFUSELY RED; RIGHT LOBE

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-PIGMENT, HEPATOCELLULAR,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, DIFFUSE,-SLIGHT
>NOTE:>PIGMENT IS CONCENTRATED IN THE CYTOPLASM OF CENTRILOBULAR HEPATOCYTES NEAR BILE CANALICULI.
KIDNEY (KD) :
-DILATATION, PELVIC,-SLIGHT
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
-INVOLUTION,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PITUITARY (PI) :
-CYST,-PRESENT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95967 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 447.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:54 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

O B S E R V A T I O N S (CONTINUED)

NECROPSY	HISTOPATHOLOGY
LN, MANDIBULAR (MN) : -DIFFUSELY RED; BILATERAL: DARK RED	LN, MANDIBULAR (MN) : -HEMORRHAGE,-SLIGHT AUDITORY SEB GL (AS) : -ONE EXAMINED,-PRESENT PROSTATE (PR) : -INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000394

APPENDIX 6

Individual Anatomic Pathology Data

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95968 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 459.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:58 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0730	.0159 %	.0345	WEIGHT TAKEN
BRAIN (BR)	2.1136	.4600 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.2887	.9333 %	2.0291	WEIGHT TAKEN
LIVER (LI)	24.0192	5.2272 %	11.3641	WEIGHT TAKEN
SPLEEN (SP)	.9478	.2063 %	.4484	WEIGHT TAKEN
TESTIS (TE)	2.8087	.6113 %	1.3289	WEIGHT TAKEN
THYMUS (TH)	.2901	.0631 %	.1373	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0236	.0051 %	.0112	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
ADRENAL, CORTEX (AC) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL, UPPER INCISORS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95968 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 459.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:58 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000396

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95969 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 465.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:41 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0691	.0148 %	.0334	WEIGHT TAKEN
BRAIN (BR)	2.0668	.4437 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	5.0360	1.0812 %	2.4366	WEIGHT TAKEN
LIVER (LI)	22.5076	4.8320 %	10.8901	WEIGHT TAKEN
SPLEEN (SP)	.7573	.1626 %	.3664	WEIGHT TAKEN
TESTIS (TE)	3.3886	.7275 %	1.6395	WEIGHT TAKEN
THYMUS (TH)	.2489	.0534 %	.1204	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0252	.0054 %	.0122	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

KIDNEY (KD) :
-LARGE PELVIS(ES); RIGHT

STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: MULTIPLE DARK BROWN AREAS, UP TO 2 X 1 MM

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
KIDNEY (KD) :
-DILATATION, PELVIC,-MODERATE
HEART (HT) :
-DEGENERATION/NECROSIS,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
STOMACH, GL (ST) :
-EROSION,-MINIMAL

PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-SLIGHT

0004066

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95969 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 465.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:41 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

O B S E R V A T I O N S (CONTINUED)

NECROPSY

HISTOPATHOLOGY

PROSTATE (PR) :
-INFLAMMATION, CHRONIC-ACTIVE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

0004011

APPENDIX 6

Individual Anatomic Pathology Data

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95970 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 439.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:47 PROSECTOR: GREGORY CODDINGTON RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0560	.0127 %	.0249	WEIGHT TAKEN
BRAIN (BR)	2.2490	.5115 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.7296	.8482 %	1.6583	WEIGHT TAKEN
LIVER (LI)	23.2250	5.2820 %	10.3268	WEIGHT TAKEN
SPLEEN (SP)	.6436	.1464 %	.2862	WEIGHT TAKEN
TESTIS (TE)	3.5189	.8003 %	1.5647	WEIGHT TAKEN
THYMUS (TH)	.2718	.0618 %	.1209	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0230	.0052 %	.0102	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

LN, MANDIBULAR (MN) :
-MOTTLED; BILATERAL: DARK RED AND TAN
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL UPPER INCISORS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, COAGULATIVE,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-PIGMENT, HEPATOCELLULAR,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
PANCREAS (PA) :
-INFLAMMATION, CHRONIC-ACTIVE,-MINIMAL
-PIGMENT, BROWN,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95970 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 439.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:47 PROSECTOR: GREGORY CODDINGTON RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95971 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 309.1 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:57 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	14.5443	4.7054 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000404

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95972 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 333.3 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 12:06 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	14.9723	4.4921 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95973 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 276.7 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:48 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)				NOT TAKEN
BRAIN (BR)				NOT TAKEN
KIDNEY (KD)				NOT TAKEN
LIVER (LI)	13.1995	4.7703 %		WEIGHT TAKEN
SPLEEN (SP)				NOT TAKEN
TESTIS (TE)				NOT TAKEN
THYMUS (TH)				NOT TAKEN
THYROID/PARATHYR (TT)				NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

0004406

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95974 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 311.4 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:22 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	14.4142	4.6288 %	--------	WEIGHT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
TESTIS (TE)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

0004071

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95975 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 327.4 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:53 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)				NOT TAKEN
BRAIN (BR)				NOT TAKEN
KIDNEY (KD)				NOT TAKEN
LIVER (LI)	16.4042	5.0104 %		WEIGHT TAKEN
SPLEEN (SP)				NOT TAKEN
TESTIS (TE)				NOT TAKEN
THYMUS (TH)				NOT TAKEN
THYROID/PARATHYR (TT)				NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI), GENERAL COMMENT (GC)

000408

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95976 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 382.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:23 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0447	.0117 %	.0203	WEIGHT TAKEN
BRAIN (BR)	2.1994	.5746 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.5516	.9278 %	1.6148	WEIGHT TAKEN
LIVER (LI)	21.3634	5.5808 %	9.7133	WEIGHT TAKEN
SPLEEN (SP)	.4872	.1273 %	.2215	WEIGHT TAKEN
TESTIS (TE)	3.4775	.9084 %	1.5811	WEIGHT TAKEN
THYMUS (TH)	.2380	.0622 %	.1082	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0300	.0078 %	.0136	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-SLIGHT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

APPENDIX 6

Individual Anatomic Pathology Data

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95976 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 382.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:23 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000410

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95977 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 454.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:58 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0587	.0129 %	.0280	WEIGHT TAKEN
BRAIN (BR)	2.0929	.4604 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.2673	.9387 %	2.0389	WEIGHT TAKEN
LIVER (LI)	25.0541	5.5112 %	11.9710	WEIGHT TAKEN
SPLEEN (SP)	.7871	.1731 %	.3761	WEIGHT TAKEN
TESTIS (TE)	3.4440	.7576 %	1.6456	WEIGHT TAKEN
THYMUS (TH)	.2202	.0484 %	.1052	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0339	.0075 %	.0162	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

THYMUS (TH) :
-RED FOCUS(I)/AREA(S); BOTH LOBES: MULTIPLE DARK RED, PINPOINT FOCI
LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-VACUOLATION, HEPATOCELLULAR, DIFFUSE,-SLIGHT
HEART (HT) :
-DEGENERATION/NECROSIS,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL

LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL

0004411

ANIMAL NUMBER: C95977 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 454.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:58 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95978 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 454.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:40 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0568	.0125 %	.0266	WEIGHT TAKEN
BRAIN (BR)	2.1377	.4707 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.6874	.8118 %	1.7249	WEIGHT TAKEN
LIVER (LI)	28.4115	6.2553 %	13.2907	WEIGHT TAKEN
SPLEEN (SP)	.6243	.1375 %	.2920	WEIGHT TAKEN
TESTIS (TE)	3.8868	.8557 %	1.8182	WEIGHT TAKEN
THYMUS (TH)	.1836	.0404 %	.0859	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0245	.0054 %	.0115	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LIVER (LI) :
-LIGHT FOCUS(I)/AREA(S); DIAPHRAGMATIC SURFACE OF LEFT LATERAL LOBE: MULTIPLE TAN AREAS, PINPOINT AND UP TO 1 MM IN DIAMETER; COLLECTED ON ROUTINE SECTION

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, COAGULATIVE,-SLIGHT
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-SLIGHT
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PROSTATE (PR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

ANIMAL NUMBER: C95978 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 454.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:40 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000414

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95979 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 435.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:16 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0499	.0115 %	.0221	WEIGHT TAKEN
BRAIN (BR)	2.2608	.5197 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	3.8911	.8945 %	1.7211	WEIGHT TAKEN
LIVER (LI)	23.2324	5.3408 %	10.2762	WEIGHT TAKEN
SPLEEN (SP)	.6649	.1529 %	.2941	WEIGHT TAKEN
TESTIS (TE)	3.4924	.8029 %	1.5448	WEIGHT TAKEN
THYMUS (TH)	.2278	.0524 %	.1008	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0253	.0058 %	.0112	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-SLIGHT
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95979 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 435.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:16 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000416

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95980 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 434.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:24 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0539	.0124 %	.0237	WEIGHT TAKEN
BRAIN (BR)	2.2717	.5234 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	4.2176	.9718 %	1.8566	WEIGHT TAKEN
LIVER (LI)	24.1794	5.5713 %	10.6437	WEIGHT TAKEN
SPLEEN (SP)	.6736	.1552 %	.2965	WEIGHT TAKEN
TESTIS (TE)	3.5469	.8173 %	1.5613	WEIGHT TAKEN
THYMUS (TH)	.2741	.0632 %	.1207	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0237	.0055 %	.0104	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000417

ANIMAL NUMBER: C95980 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 434.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:24 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), TESTIS (TE), EPIDIDYMIDES (EP)

000418

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95981 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 296.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:39 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0884	.0298 %	.0444	WEIGHT TAKEN
BRAIN (BR)	1.9910	.6713 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.5928	.8742 %	1.3023	WEIGHT TAKEN
LIVER (LI)	11.3754	3.8353 %	5.7134	WEIGHT TAKEN
OVARY (OV)	.0971	.0327 %	.0488	WEIGHT TAKEN
SPLEEN (SP)	.9631	.3247 %	.4837	WEIGHT TAKEN
THYMUS (TH)	.2919	.0984 %	.1466	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0246	.0083 %	.0124	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

SPLEEN (SP) :
-ADHESION(S); ENTIRE SPLEEN ADHERED TO PANCREAS AND SURROUNDING ADIPOSE TISSUE: MULTIPLE GRAY AND TAN FIBROUS ADHESIONS; COLLECTED INTACT

PITUITARY (PI) :
-LARGE; 6 X 5 X 3 MM; APPEARS SWOLLEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
SPLEEN (SP) :
-INFLAMMATION, CHRONIC, CAPSULAR,-MODERATE
>NOTE:>THERE ARE NUMEROUS PIGMENT-CONTAINING MACROPHAGES IN THE AREAS OF CHRONIC INFLAMMATION.
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PITUITARY (PI) :
-HYPERPLASIA,-MODERATE
PANCREAS (PA) :
-ATROPHY, ACINAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
RECTUM (RE) :
-PARASITISM,-PRESENT
LN, MANDIBULAR (MN) :
-HYPERPLASIA, PLASMACYTIC,-MODERATE

000469

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95981 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 296.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:39 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

O B S E R V A T I O N S (CONTINUED)

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

HISTOPATHOLOGY

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000420

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95982 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 251.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:38 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0501	.0199 %	.0289	WEIGHT TAKEN
BRAIN (BR)	1.7308	.6887 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8839	.7497 %	1.0885	WEIGHT TAKEN
LIVER (LI)	7.3455	2.9230 %	4.2440	WEIGHT TAKEN
OVARY (OV)	.1041	.0414 %	.0601	WEIGHT TAKEN
SPLEEN (SP)	.4764	.1896 %	.2752	WEIGHT TAKEN
THYMUS (TH)	.3310	.1317 %	.1912	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0135	.0054 %	.0078	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95982 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 251.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:38 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

0004422

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95983 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 223.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:35 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0677	.0303 %	.0369	WEIGHT TAKEN
BRAIN (BR)	1.8357	.8206 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1211	.9482 %	1.1555	WEIGHT TAKEN
LIVER (LI)	7.7858	3.4805 %	4.2413	WEIGHT TAKEN
OVARY (OV)	.1169	.0523 %	.0637	WEIGHT TAKEN
SPLEEN (SP)	.4244	.1897 %	.2312	WEIGHT TAKEN
THYMUS (TH)	.2297	.1027 %	.1251	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0160	.0072 %	.0087	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-FIBROSIS, CAPSULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, PERIPORTAL,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
-INVOLUTION,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95983 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 223.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:35 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

0004424

ANIMAL NUMBER: C95984 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 266.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:26 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0689	.0258 %	.0327	WEIGHT TAKEN
BRAIN (BR)	2.1061	.7894 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2832	.8558 %	1.0841	WEIGHT TAKEN
LIVER (LI)	8.6507	3.2424 %	4.1074	WEIGHT TAKEN
OVARY (OV)	.1184	.0444 %	.0562	WEIGHT TAKEN
SPLEEN (SP)	.5182	.1942 %	.2460	WEIGHT TAKEN
THYMUS (TH)	.2544	.0954 %	.1208	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0185	.0069 %	.0088	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
	THYROID (TY) : -CYST, ULTIMOBRANCHIAL,-PRESENT
UTERUS (UT) : -LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID	UTERUS (UT) : >UNREMARKABLE
GENERAL COMMENT (GC) : -BONE MARROW SMEAR TAKEN	

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95984 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 266.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:26 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA)

000426

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95985 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 283.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:20 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0785	.0277 %	.0387	WEIGHT TAKEN
BRAIN (BR)	2.0288	.7169 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1159	.7477 %	1.0429	WEIGHT TAKEN
LIVER (LI)	8.9903	3.1768 %	4.4313	WEIGHT TAKEN
OVARY (OV)	.1524	.0539 %	.0751	WEIGHT TAKEN
SPLEEN (SP)	.5420	.1915 %	.2672	WEIGHT TAKEN
THYMUS (TH)	.2466	.0871 %	.1215	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0227	.0080 %	.0112	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000427

ANIMAL NUMBER: C95985 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 283.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:20 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000428

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95986 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 264.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:34 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0824	.0312 %	.0414	WEIGHT TAKEN
BRAIN (BR)	1.9890	.7526 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1350	.8078 %	1.0734	WEIGHT TAKEN
LIVER (LI)	7.8859	2.9837 %	3.9648	WEIGHT TAKEN
OVARY (OV)	.1421	.0538 %	.0714	WEIGHT TAKEN
SPLEEN (SP)	.5597	.2118 %	.2814	WEIGHT TAKEN
THYMUS (TH)	.3403	.1288 %	.1711	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0156	.0059 %	.0078	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95986 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 264.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:34 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000427

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95987 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 244.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:51 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0980	.0401 %	.0519	WEIGHT TAKEN
BRAIN (BR)	1.8897	.7741 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9180	.7857 %	1.0150	WEIGHT TAKEN
LIVER (LI)	7.2576	2.9732 %	3.8406	WEIGHT TAKEN
OVARY (OV)	.1316	.0539 %	.0696	WEIGHT TAKEN
SPLEEN (SP)	.4780	.1958 %	.2530	WEIGHT TAKEN
THYMUS (TH)	.3293	.1349 %	.1743	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0233	.0095 %	.0123	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
UTERUS (UT) :
-DILATATION,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

0004311

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95987 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 244.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:51 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA)

0004332

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95988 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 252.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:22 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0716	.0283 %	.0387	WEIGHT TAKEN
BRAIN (BR)	1.8513	.7329 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8853	.7464 %	1.0184	WEIGHT TAKEN
LIVER (LI)	7.0591	2.7946 %	3.8131	WEIGHT TAKEN
OVARY (OV)	.1193	.0472 %	.0644	WEIGHT TAKEN
SPLEEN (SP)	.4753	.1882 %	.2567	WEIGHT TAKEN
THYMUS (TH)	.3660	.1449 %	.1977	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0136	.0054 %	.0073	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
KIDNEY (KD) :
-MINERALIZATION, TUBULAR,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95988 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 252.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:22 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

0004434

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95989 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 277.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:40 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0673	.0243 %	.0353	WEIGHT TAKEN
BRAIN (BR)	1.9052	.6878 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9871	.7174 %	1.0430	WEIGHT TAKEN
LIVER (LI)	7.3952	2.6697 %	3.8816	WEIGHT TAKEN
OVARY (OV)	.1033	.0373 %	.0542	WEIGHT TAKEN
SPLEEN (SP)	.5285	.1908 %	.2774	WEIGHT TAKEN
THYMUS (TH)	.2674	.0965 %	.1404	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0121	.0044 %	.0064	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95989 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 277.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:40 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95990 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 313.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:30 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0642	.0205 %	.0338	WEIGHT TAKEN
BRAIN (BR)	1.8999	.6070 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3886	.7631 %	1.2572	WEIGHT TAKEN
LIVER (LI)	8.8486	2.8270 %	4.6574	WEIGHT TAKEN
OVARY (OV)	.1396	.0446 %	.0735	WEIGHT TAKEN
SPLEEN (SP)	.4933	.1576 %	.2596	WEIGHT TAKEN
THYMUS (TH)	.2034	.0650 %	.1071	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0280	.0089 %	.0147	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-MINERALIZATION, VASCULAR,-MINIMAL
LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95990 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 313.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:30 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000435

ANIMAL NUMBER: C95991 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 205.1 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:32 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	6.8351	3.3326 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

0004439

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95992 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 180.6 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:51 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	5.8602	3.2449 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000440

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95993 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 201.3 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:38 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	6.0180	2.9896 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

ANIMAL NUMBER: C95994 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 215.5 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:25 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.0305	3.2624 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000442

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95995 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 188.5 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 12:01 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	5.7678	3.0598 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000443

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95996 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 268.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:35 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0538	.0200 %	.0269	WEIGHT TAKEN
BRAIN (BR)	2.0029	.7448 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2491	.8364 %	1.1229	WEIGHT TAKEN
LIVER (LI)	7.1747	2.6682 %	3.5822	WEIGHT TAKEN
OVARY (OV)	.1609	.0598 %	.0803	WEIGHT TAKEN
SPLEEN (SP)	.4536	.1687 %	.2265	WEIGHT TAKEN
THYMUS (TH)	.2401	.0893 %	.1199	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0251	.0093 %	.0125	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, PERIPORTAL,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000444

ANIMAL NUMBER: C95996 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 268.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:35 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000443

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95997 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 247.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:02 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0693	.0280 %	.0377	WEIGHT TAKEN
BRAIN (BR)	1.8393	.7429 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0840	.8417 %	1.1330	WEIGHT TAKEN
LIVER (LI)	6.8198	2.7544 %	3.7078	WEIGHT TAKEN
OVARY (OV)	.1272	.0514 %	.0692	WEIGHT TAKEN
SPLEEN (SP)	.4192	.1693 %	.2279	WEIGHT TAKEN
THYMUS (TH)	.2108	.0851 %	.1146	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0177	.0071 %	.0096	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

0004446

ANIMAL NUMBER: C95997 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 247.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:02 PROSECTOR: KEVIN BILLINGS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95998 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 240.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:40 PROSECTOR: KIMBERLY DURLAND RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0641	.0267 %	.0316	WEIGHT TAKEN
BRAIN (BR)	2.0289	.8447 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8478	.7693 %	.9107	WEIGHT TAKEN
LIVER (LI)	6.0936	2.5369 %	3.0034	WEIGHT TAKEN
OVARY (OV)	.1647	.0686 %	.0812	WEIGHT TAKEN
SPLEEN (SP)	.4325	.1801 %	.2132	WEIGHT TAKEN
THYMUS (TH)	.3476	.1447 %	.1713	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0341	.0142 %	.0168	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

ANIMAL NUMBER: C95998 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 240.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:40 PROSECTOR: KIMBERLY DURLAND RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000419

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C95999 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 358.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:25 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0752	.0210 %	.0359	WEIGHT TAKEN
BRAIN (BR)	2.0931	.5840 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.4475	.6829 %	1.1693	WEIGHT TAKEN
LIVER (LI)	9.9107	2.7653 %	4.7349	WEIGHT TAKEN
OVARY (OV)	.1232	.0344 %	.0589	WEIGHT TAKEN
SPLEEN (SP)	.5403	.1508 %	.2581	WEIGHT TAKEN
THYMUS (TH)	.3750	.1046 %	.1792	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0228	.0064 %	.0109	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000450

ANIMAL NUMBER: C95999 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 358.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:25 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000454

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96000 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 269.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:11 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0647	.0240 %	.0330	WEIGHT TAKEN
BRAIN (BR)	1.9596	.7266 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9224	.7128 %	.9810	WEIGHT TAKEN
LIVER (LI)	8.1750	3.0311 %	4.1718	WEIGHT TAKEN
OVARY (OV)	.1191	.0442 %	.0608	WEIGHT TAKEN
SPLEEN (SP)	.4243	.1573 %	.2165	WEIGHT TAKEN
THYMUS (TH)	.1879	.0697 %	.0959	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0169	.0063 %	.0086	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96000 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 269.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:11 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

3M 0004532

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96001 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 233.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:11 PROSECTOR: JILL PAUS RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0574	.0246 %	.0314	WEIGHT TAKEN
BRAIN (BR)	1.8284	.7834 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1472	.9200 %	1.1744	WEIGHT TAKEN
LIVER (LI)	7.2356	3.1001 %	3.9573	WEIGHT TAKEN
OVARY (OV)	.1433	.0614 %	.0784	WEIGHT TAKEN
SPLEEN (SP)	.5303	.2272 %	.2900	WEIGHT TAKEN
THYMUS (TH)	.3077	.1318 %	.1683	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0305	.0131 %	.0167	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, PERIPORTAL,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000451

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96002 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 228.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:25 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0630	.0276 %	.0311	WEIGHT TAKEN
BRAIN (BR)	2.0244	.8863 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9083	.8355 %	.9426	WEIGHT TAKEN
LIVER (LI)	7.1598	3.1348 %	3.5368	WEIGHT TAKEN
OVARY (OV)	.1099	.0481 %	.0543	WEIGHT TAKEN
SPLEEN (SP)	.4890	.2141 %	.2416	WEIGHT TAKEN
THYMUS (TH)	.2793	.1223 %	.1380	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0179	.0078 %	.0088	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

UTERUS (UT) :
-LUMEN FILLED WITH FLUID; BILATERAL; CLEAR FLUID
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
UTERUS (UT) :
-DILATATION,-SLIGHT

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000455

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96003 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 217.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:50 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0598	.0275 %	.0301	WEIGHT TAKEN
BRAIN (BR)	1.9851	.9127 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.7313	.7960 %	.8721	WEIGHT TAKEN
LIVER (LI)	6.5350	3.0046 %	3.2920	WEIGHT TAKEN
OVARY (OV)	.1142	.0525 %	.0575	WEIGHT TAKEN
SPLEEN (SP)	.5506	.2531 %	.2774	WEIGHT TAKEN
THYMUS (TH)	.2760	.1269 %	.1390	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0194	.0089 %	.0098	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

UTERUS (UT) :
-LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

UTERUS (UT) :
-DILATATION,-MODERATE

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96003 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 217.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:50 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
LIVER (LI)

000454

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96004 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 263.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:34 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0516	.0196 %	.0265	WEIGHT TAKEN
BRAIN (BR)	1.9505	.7399 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2579	.8566 %	1.1576	WEIGHT TAKEN
LIVER (LI)	8.3001	3.1487 %	4.2554	WEIGHT TAKEN
OVARY (OV)	.1230	.0467 %	.0631	WEIGHT TAKEN
SPLEEN (SP)	.5005	.1899 %	.2566	WEIGHT TAKEN
THYMUS (TH)	.2900	.1100 %	.1487	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0143	.0054 %	.0073	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96004 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 263.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:34 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
LIVER (LI)

000459

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96005 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 243.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:05 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0702	.0288 %	.0370	WEIGHT TAKEN
BRAIN (BR)	1.8993	.7794 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2248	.9129 %	1.1714	WEIGHT TAKEN
LIVER (LI)	8.2448	3.3832 %	4.3410	WEIGHT TAKEN
OVARY (OV)	.1103	.0453 %	.0581	WEIGHT TAKEN
SPLEEN (SP)	.4497	.1845 %	.2368	WEIGHT TAKEN
THYMUS (TH)	.3365	.1381 %	.1772	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0162	.0066 %	.0085	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000460

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96006 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 249.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:36 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0512	.0205 %	.0259	WEIGHT TAKEN
BRAIN (BR)	1.9754	.7927 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8567	.7451 %	.9399	WEIGHT TAKEN
LIVER (LI)	7.3435	2.9468 %	3.7175	WEIGHT TAKEN
OVARY (OV)	.1079	.0433 %	.0546	WEIGHT TAKEN
SPLEEN (SP)	.4943	.1984 %	.2502	WEIGHT TAKEN
THYMUS (TH)	.2233	.0896 %	.1130	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0032	.0013 %	.0016	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000461

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96007 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 252.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:06 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0765	.0303 %	.0379	WEIGHT TAKEN
BRAIN (BR)	2.0179	.7992 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2417	.8878 %	1.1109	WEIGHT TAKEN
LIVER (LI)	8.5804	3.3982 %	4.2521	WEIGHT TAKEN
OVARY (OV)	.1210	.0479 %	.0600	WEIGHT TAKEN
SPLEEN (SP)	.6280	.2487 %	.3112	WEIGHT TAKEN
THYMUS (TH)	.3639	.1441 %	.1803	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0251	.0099 %	.0124	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, PERIPORTAL,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

0004629

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96008 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 277.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:19 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0821	.0296 %	.0412	WEIGHT TAKEN
BRAIN (BR)	1.9908	.7171 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.4080	.8674 %	1.2096	WEIGHT TAKEN
LIVER (LI)	9.2167	3.3201 %	4.6296	WEIGHT TAKEN
OVARY (OV)	.1217	.0438 %	.0611	WEIGHT TAKEN
SPLEEN (SP)	.6382	.2299 %	.3206	WEIGHT TAKEN
THYMUS (TH)	.3024	.1089 %	.1519	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0224	.0081 %	.0113	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS
GENERAL INFORMATION (XX) :
>NOTE:>ANIMAL IDENTIFICATION TRANSPONDER DAMAGED AT NECROPSY

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000463

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96009 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 208.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:20 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0564	.0270 %	.0293	WEIGHT TAKEN
BRAIN (BR)	1.9241	.9219 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8706	.8963 %	.9722	WEIGHT TAKEN
LIVER (LI)	5.9471	2.8496 %	3.0908	WEIGHT TAKEN
OVARY (OV)	.1006	.0482 %	.0523	WEIGHT TAKEN
SPLEEN (SP)	.4206	.2015 %	.2186	WEIGHT TAKEN
THYMUS (TH)	.1966	.0942 %	.1022	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0090	.0043 %	.0047	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

ANIMAL NUMBER: C96009 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 208.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:20 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
LIVER (LI)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96010 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 263.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:35 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0658	.0250 %	.0317	WEIGHT TAKEN
BRAIN (BR)	2.0743	.7887 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0370	.7745 %	.9820	WEIGHT TAKEN
LIVER (LI)	8.2431	3.1343 %	3.9739	WEIGHT TAKEN
OVARY (OV)	.0965	.0367 %	.0465	WEIGHT TAKEN
SPLEEN (SP)	.5876	.2234 %	.2833	WEIGHT TAKEN
THYMUS (TH)	.3850	.1464 %	.1856	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0181	.0069 %	.0087	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, PERIPORTAL,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000466

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96011 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 226.8 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 12:09 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.5294	3.3198 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

0004627

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96012 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 191.9 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:05 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	6.5011	3.3878 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000468

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96013 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 223.1 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:31 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.7373	3.4681 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

0004469

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96014 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 227.7 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:07 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.4920	3.2903 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

0004270

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96015 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 210.4 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:14 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.0360	3.3441 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000471

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96016 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: UNSCHEDULED (M)
DATE OF DEATH: 10/29/98 STUDY DAY OF DEATH: 59 STUDY WEEK OF DEATH: 9 TERMINAL BODY WEIGHT: 272.9 GRAMS
DATE AND TIME OF NECROPSY: 10/29/98 15:09 PROSECTOR: JAMES T. CALLEN RECORDER: JAMES T. CALLEN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: JAMES T. CALLEN

*** ORGAN WEIGHTS WERE NOT RECORDED ***

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
	LIVER (LI) : -INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL -NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
TAIL (TI) : -LACERATION(S); 20 MM FROM BASE OF TAIL: SINGLE LACERATION, 20 X 10 MM; SURROUNDING TISSUE APPEARS SWOLLEN AND EXUDES A DARK RED SEMIFLUID; COLLECTED	TAIL (TI) : -HEMORRHAGE,-SLIGHT -ULCERATION,-MINIMAL

000472

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96016 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: UNSCHEDULED (M)
DATE OF DEATH: 10/29/98 STUDY DAY OF DEATH: 59 STUDY WEEK OF DEATH: 9 TERMINAL BODY WEIGHT: 272.9 GRAMS
DATE AND TIME OF NECROPSY: 10/29/98 15:09 PROSECTOR: JAMES T. CALLEN RECORDER: JAMES T. CALLEN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: JAMES T. CALLEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), GENERAL COMMENT (GC)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000473

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96017 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 277.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:41 PROSECTOR: JODI THIEREN RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0693	.0250 %	.0342	WEIGHT TAKEN
BRAIN (BR)	2.0282	.7311 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2400	.8075 %	1.1044	WEIGHT TAKEN
LIVER (LI)	8.0588	2.9051 %	3.9734	WEIGHT TAKEN
OVARY (OV)	.1886	.0680 %	.0930	WEIGHT TAKEN
SPLEEN (SP)	.5476	.1974 %	.2700	WEIGHT TAKEN
THYMUS (TH)	.3084	.1112 %	.1521	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0200	.0072 %	.0099	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL UPPER INCISORS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000474

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96018 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 279.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:50 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0805	.0288 %	.0423	WEIGHT TAKEN
BRAIN (BR)	1.9028	.6803 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0616	.7371 %	1.0835	WEIGHT TAKEN
LIVER (LI)	8.0095	2.8636 %	4.2093	WEIGHT TAKEN
OVARY (OV)	.1174	.0420 %	.0617	WEIGHT TAKEN
SPLEEN (SP)	.5094	.1821 %	.2677	WEIGHT TAKEN
THYMUS (TH)	.2793	.0999 %	.1468	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0175	.0063 %	.0092	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

THYMUS (TH) :
-DIFFUSELY RED; DARK RED

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-SLIGHT
-INVOLUTION,-MINIMAL

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96019 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 283.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:12 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0860	.0304 %	.0420	WEIGHT TAKEN
BRAIN (BR)	2.0462	.7225 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.6887	.9494 %	1.3140	WEIGHT TAKEN
LIVER (LI)	8.9464	3.1590 %	4.3722	WEIGHT TAKEN
OVARY (OV)	.1290	.0456 %	.0630	WEIGHT TAKEN
SPLEEN (SP)	.5329	.1882 %	.2604	WEIGHT TAKEN
THYMUS (TH)	.3098	.1094 %	.1514	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0209	.0074 %	.0102	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
UTERUS (UT) : -LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID GENERAL COMMENT (GC) : -BONE MARROW SMEAR TAKEN	UTERUS (UT) : -DILATATION,-SLIGHT

000476

ANIMAL NUMBER: C96019 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 283.2 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:12 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
LIVER (LI)

000477

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96020 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 239.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:06 PROSECTOR: JOHN S. HALFORD RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0746	.0311 %	.0392	WEIGHT TAKEN
BRAIN (BR)	1.9018	.7927 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0893	.8709 %	1.0986	WEIGHT TAKEN
LIVER (LI)	8.3210	3.4685 %	4.3753	WEIGHT TAKEN
OVARY (OV)	.1320	.0550 %	.0694	WEIGHT TAKEN
SPLEEN (SP)	.4508	.1879 %	.2370	WEIGHT TAKEN
THYMUS (TH)	.2735	.1140 %	.1438	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0172	.0072 %	.0090	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

000475

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96021 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 239.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:36 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0599	.0250 %	.0302	WEIGHT TAKEN
BRAIN (BR)	1.9833	.8274 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1418	.8935 %	1.0799	WEIGHT TAKEN
LIVER (LI)	7.9743	3.3268 %	4.0207	WEIGHT TAKEN
OVARY (OV)	.1125	.0469 %	.0567	WEIGHT TAKEN
SPLEEN (SP)	.5182	.2162 %	.2613	WEIGHT TAKEN
THYMUS (TH)	.2110	.0880 %	.1064	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0159	.0066 %	.0080	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96021 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 239.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:36 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

0004200

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96022 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 264.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:09 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0765	.0289 %	.0367	WEIGHT TAKEN
BRAIN (BR)	2.0837	.7881 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1627	.8180 %	1.0379	WEIGHT TAKEN
LIVER (LI)	8.7642	3.3147 %	4.2061	WEIGHT TAKEN
OVARY (OV)	.1119	.0423 %	.0537	WEIGHT TAKEN
SPLEEN (SP)	.5033	.1904 %	.2415	WEIGHT TAKEN
THYMUS (TH)	.2463	.0932 %	.1182	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0279	.0106 %	.0134	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000431

ANIMAL NUMBER: C96022 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 264.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:09 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96023 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 253.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:06 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0695	.0275 %	.0337	WEIGHT TAKEN
BRAIN (BR)	2.0599	.8142 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.5238	.9975 %	1.2252	WEIGHT TAKEN
LIVER (LI)	10.5886	4.1852 %	5.1403	WEIGHT TAKEN
OVARY (OV)	.1184	.0468 %	.0575	WEIGHT TAKEN
SPLEEN (SP)	.5279	.2087 %	.2563	WEIGHT TAKEN
THYMUS (TH)	.3996	.1579 %	.1940	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0150	.0059 %	.0073	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96023 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 253.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:06 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000484

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96024 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 257.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:12 PROSECTOR: JODI THIEREN RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0753	.0292 %	.0350	WEIGHT TAKEN
BRAIN (BR)	2.1505	.8345 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.5361	.9841 %	1.1793	WEIGHT TAKEN
LIVER (LI)	8.6565	3.3591 %	4.0253	WEIGHT TAKEN
OVARY (OV)	.1361	.0528 %	.0633	WEIGHT TAKEN
SPLEEN (SP)	.4379	.1699 %	.2036	WEIGHT TAKEN
THYMUS (TH)	.2907	.1128 %	.1352	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0183	.0071 %	.0085	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

ANIMAL NUMBER: C96024 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 257.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:12 PROSECTOR: JODI THIEREN RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000200

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96025 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 253.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:33 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0788	.0310 %	.0395	WEIGHT TAKEN
BRAIN (BR)	1.9934	.7851 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3465	.9242 %	1.1771	WEIGHT TAKEN
LIVER (LI)	9.8976	3.8982 %	4.9652	WEIGHT TAKEN
OVARY (OV)	.1407	.0554 %	.0706	WEIGHT TAKEN
SPLEEN (SP)	.5995	.2361 %	.3007	WEIGHT TAKEN
THYMUS (TH)	.2171	.0855 %	.1089	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0268	.0106 %	.0134	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

STOMACH, GL (ST) :
-LIGHT FOCUS(I)/AREA(S); MUCOSA, NEAR ESOPHAGEAL GROOVE:
SINGLE WHITE PINPOINT SLIGHTLY RAISED FOCUS

LN, MANDIBULAR (MN) :
-MOTTLED; BILATERAL: RED AND TAN
OVARY (OV) :
-DIFFUSELY RED; BILATERAL
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
STOMACH, GL (ST) :
>UNREMARKABLE
>NOTE:>THERE IS A FOCAL AREA OF NORMAL-APPEARING SKELETAL MUSCLE IN THE TUNICA MUSCULARIS IN THE REGION OF THE LIMITING RIDGE.
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL
OVARY (OV) :
>UNREMARKABLE

000581

ANIMAL NUMBER: C96025 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 253.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:33 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, NONGL (SU)

000488

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96026 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 232.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:08 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0700	.0301 %	.0353	WEIGHT TAKEN
BRAIN (BR)	1.9824	.8526 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0111	.8650 %	1.0145	WEIGHT TAKEN
LIVER (LI)	8.3034	3.5714 %	4.1886	WEIGHT TAKEN
OVARY (OV)	.1165	.0501 %	.0588	WEIGHT TAKEN
SPLEEN (SP)	.4610	.1983 %	.2325	WEIGHT TAKEN
THYMUS (TH)	.2781	.1196 %	.1403	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0139	.0060 %	.0070	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96026 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 232.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:08 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

0004390

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96027 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 296.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:10 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0659	.0222 %	.0340	WEIGHT TAKEN
BRAIN (BR)	1.9373	.6527 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3111	.7787 %	1.1929	WEIGHT TAKEN
LIVER (LI)	9.8850	3.3305 %	5.1025	WEIGHT TAKEN
OVARY (OV)	.1046	.0352 %	.0540	WEIGHT TAKEN
SPLEEN (SP)	.5319	.1792 %	.2746	WEIGHT TAKEN
THYMUS (TH)	.3779	.1273 %	.1951	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0177	.0060 %	.0091	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96027 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 296.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:10 PROSECTOR: LAURIE J. SCHULLER RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000492

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96028 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 259.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:00 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0628	.0242 %	.0315	WEIGHT TAKEN
BRAIN (BR)	1.9952	.7686 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0909	.8054 %	1.0480	WEIGHT TAKEN
LIVER (LI)	8.7646	3.3762 %	4.3928	WEIGHT TAKEN
OVARY (OV)	.1106	.0426 %	.0554	WEIGHT TAKEN
SPLEEN (SP)	.5702	.2196 %	.2858	WEIGHT TAKEN
THYMUS (TH)	.3955	.1523 %	.1982	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0193	.0074 %	.0097	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-MALOCCLUSION; BILATERAL UPPER INCISORS

000493

ANIMAL NUMBER: C96028 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 259.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:00 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000494

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96029 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 239.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:41 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0817	.0341 %	.0412	WEIGHT TAKEN
BRAIN (BR)	1.9819	.8275 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1671	.9048 %	1.0934	WEIGHT TAKEN
LIVER (LI)	8.7181	3.6401 %	4.3989	WEIGHT TAKEN
OVARY (OV)	.1243	.0519 %	.0627	WEIGHT TAKEN
SPLEEN (SP)	.5235	.2186 %	.2641	WEIGHT TAKEN
THYMUS (TH)	.2626	.1096 %	.1325	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0179	.0075 %	.0090	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL

000495

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96029 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 239.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:41 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

0004936

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96030 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 243.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:22 PROSECTOR: JODI THIEREN RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0640	.0263 %	.0316	WEIGHT TAKEN
BRAIN (BR)	2.0259	.8317 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1625	.8877 %	1.0674	WEIGHT TAKEN
LIVER (LI)	10.3610	4.2533 %	5.1143	WEIGHT TAKEN
OVARY (OV)	.1272	.0522 %	.0628	WEIGHT TAKEN
SPLEEN (SP)	.5984	.2456 %	.2954	WEIGHT TAKEN
THYMUS (TH)	.2458	.1009 %	.1213	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0121	.0050 %	.0060	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

THYMUS (TH) :
-RED FOCUS(I)/AREA(S); RIGHT LOBE: MULTIPLE PINPOINT FOCI
LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, COAGULATIVE,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL

000497

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96030 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 243.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:22 PROSECTOR: JODI THIEREN RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96031 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 205.5 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:34 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.4421	3.6215 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

0004599

ANIMAL NUMBER: C96032 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 203.4 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:09 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	6.7736	3.3302 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000500

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96033 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 210.3 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:15 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.7835	3.7011 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTEROS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

0005501

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96034 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 234.0 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 12:01 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	8.8195	3.7690 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

205502

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96035 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 218.8 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:21 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.2747	3.3248 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000503

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96036 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 253.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:45 PROSECTOR: GREGORY CODDINGTON RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0611	.0241 %	.0287	WEIGHT TAKEN
BRAIN (BR)	2.1326	.8416 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3286	.9189 %	1.0919	WEIGHT TAKEN
LIVER (LI)	9.7463	3.8462 %	4.5701	WEIGHT TAKEN
OVARY (OV)	.1035	.0408 %	.0485	WEIGHT TAKEN
SPLEEN (SP)	.4891	.1930 %	.2293	WEIGHT TAKEN
THYMUS (TH)	.3725	.1470 %	.1747	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0205	.0081 %	.0096	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96036 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 253.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:45 PROSECTOR: GREGORY CODDINGTON RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000505

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96037 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 251.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:37 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0804	.0320 %	.0432	WEIGHT TAKEN
BRAIN (BR)	1.8602	.7408 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3767	.9465 %	1.2777	WEIGHT TAKEN
LIVER (LI)	8.8940	3.5420 %	4.7812	WEIGHT TAKEN
OVARY (OV)	.0918	.0366 %	.0493	WEIGHT TAKEN
SPLEEN (SP)	.5405	.2153 %	.2906	WEIGHT TAKEN
THYMUS (TH)	.2792	.1112 %	.1501	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0196	.0078 %	.0105	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

000506

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96037 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 251.1 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:37 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
LIVER (LI), STOMACH, GL (ST), STOMACH, NONGL (SU)

000504

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96038 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 275.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:14 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0554	.0201 %	.0259	WEIGHT TAKEN
BRAIN (BR)	2.1428	.7784 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1681	.7875 %	1.0118	WEIGHT TAKEN
LIVER (LI)	9.8295	3.5705 %	4.5872	WEIGHT TAKEN
OVARY (OV)	.1411	.0513 %	.0658	WEIGHT TAKEN
SPLEEN (SP)	.4874	.1770 %	.2275	WEIGHT TAKEN
THYMUS (TH)	.2831	.1028 %	.1321	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0153	.0056 %	.0071	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
	LIVER (LI) :
	-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
LN, MANDIBULAR (MN) :	LN, MANDIBULAR (MN) :
-DIFFUSELY RED; BILATERAL	-HEMORRHAGE,-SLIGHT
UTERUS (UT) :	UTERUS (UT) :
-LUMEN FILLED WITH FLUID; LEFT: CLEAR FLUID	>UNREMARKABLE
GENERAL COMMENT (GC) :	
-BONE MARROW SMEAR TAKEN	

000508

ANIMAL NUMBER: C96038 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 275.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:14 PROSECTOR: JERALD W. JOHNSON RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

605000

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96039 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 257.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:13 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0835	.0324 %	.0415	WEIGHT TAKEN
BRAIN (BR)	2.0098	.7805 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2091	.8579 %	1.0992	WEIGHT TAKEN
LIVER (LI)	9.1522	3.5543 %	4.5538	WEIGHT TAKEN
OVARY (OV)	.1115	.0433 %	.0555	WEIGHT TAKEN
SPLEEN (SP)	.4315	.1676 %	.2147	WEIGHT TAKEN
THYMUS (TH)	.3296	.1280 %	.1640	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0199	.0077 %	.0099	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96039 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 257.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:13 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
STOMACH, GL (ST), STOMACH, NONGL (SU)

000511

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96040 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 222.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:04 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0650	.0292 %	.0336	WEIGHT TAKEN
BRAIN (BR)	1.9359	.8693 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3025	1.0339 %	1.1894	WEIGHT TAKEN
LIVER (LI)	9.2333	4.1461 %	4.7695	WEIGHT TAKEN
OVARY (OV)	.1810	.0813 %	.0935	WEIGHT TAKEN
SPLEEN (SP)	.5292	.2376 %	.2734	WEIGHT TAKEN
THYMUS (TH)	.2778	.1247 %	.1435	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0253	.0114 %	.0131	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

ANIMAL NUMBER: C96040 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 222.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:04 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
LIVER (LI), STOMACH, GL (ST), STOMACH, NONGL (SU)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96041 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 212.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:59 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0654	.0308 %	.0363	WEIGHT TAKEN
BRAIN (BR)	1.8020	.8500 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8605	.8776 %	1.0325	WEIGHT TAKEN
LIVER (LI)	10.2446	4.8324 %	5.6851	WEIGHT TAKEN
OVARY (OV)	.1083	.0511 %	.0601	WEIGHT TAKEN
SPLEEN (SP)	.4309	.2033 %	.2391	WEIGHT TAKEN
THYMUS (TH)	.2212	.1043 %	.1228	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0158	.0075 %	.0088	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96041 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 212.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:59 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000515

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96042 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 228.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:00 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0619	.0271 %	.0302	WEIGHT TAKEN
BRAIN (BR)	2.0530	.8973 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2573	.9866 %	1.0995	WEIGHT TAKEN
LIVER (LI)	13.7996	6.0313 %	6.7217	WEIGHT TAKEN
OVARY (OV)	.1247	.0545 %	.0607	WEIGHT TAKEN
SPLEEN (SP)	.4886	.2135 %	.2380	WEIGHT TAKEN
THYMUS (TH)	.2500	.1093 %	.1218	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0203	.0089 %	.0099	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-PIGMENT, HEPATOCELLULAR,-MINIMAL
KIDNEY (KD) :
-INFLAMMATION, CHRONIC,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
STOMACH, GL (ST) :
-EROSION,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96042 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 228.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:00 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000517

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96043 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 218.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:54 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0754	.0345 %	.0374	WEIGHT TAKEN
BRAIN (BR)	2.0160	.9235 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1708	.9944 %	1.0768	WEIGHT TAKEN
LIVER (LI)	9.1440	4.1887 %	4.5357	WEIGHT TAKEN
OVARY (OV)	.1120	.0513 %	.0556	WEIGHT TAKEN
SPLEEN (SP)	.4212	.1929 %	.2089	WEIGHT TAKEN
THYMUS (TH)	.2302	.1055 %	.1142	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0191	.0087 %	.0095	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: MULTIPLE DARK BROWN AREAS, UP TO 4 X 2 MM
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
STOMACH, GL (ST) :
-EROSION,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96043 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 218.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:54 PROSECTOR: NANCY DIEDRICH RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000519

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96044 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 261.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:19 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0833	.0319 %	.0381	WEIGHT TAKEN
BRAIN (BR)	2.1839	.8367 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.4878	.9532 %	1.1392	WEIGHT TAKEN
LIVER (LI)	14.4781	5.5472 %	6.6295	WEIGHT TAKEN
OVARY (OV)	.1201	.0460 %	.0550	WEIGHT TAKEN
SPLEEN (SP)	.5592	.2143 %	.2561	WEIGHT TAKEN
THYMUS (TH)	.2968	.1137 %	.1359	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0194	.0074 %	.0089	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
HEART (HT) :
-DEGENERATION/NECROSIS,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96044 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 261.0 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:19 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000521

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96045 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 251.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:47 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0862	.0343 %	.0416	WEIGHT TAKEN
BRAIN (BR)	2.0735	.8248 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.6621	1.0589 %	1.2839	WEIGHT TAKEN
LIVER (LI)	11.5067	4.5770 %	5.5494	WEIGHT TAKEN
OVARY (OV)	.1738	.0691 %	.0838	WEIGHT TAKEN
SPLEEN (SP)	.5999	.2386 %	.2893	WEIGHT TAKEN
THYMUS (TH)	.2968	.1181 %	.1431	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0316	.0126 %	.0152	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

OVARY (OV) :
-DIFFUSELY RED; BILATERAL
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
PANCREAS (PA) :
-ATROPHY, ACINAR,-MINIMAL
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
AUDITORY SEB GL (AS) :
-ONE EXAMINED,-PRESENT
UTERUS (UT) :
-DILATATION,-SLIGHT
OVARY (OV) :
>UNREMARKABLE

000522

ANIMAL NUMBER: C96045 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 251.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:47 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), VAGINA (VA)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96046 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 266.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:42 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0612	.0229 %	.0292	WEIGHT TAKEN
BRAIN (BR)	2.0991	.7865 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2050	.8262 %	1.0505	WEIGHT TAKEN
LIVER (LI)	11.8714	4.4479 %	5.6555	WEIGHT TAKEN
OVARY (OV)	.1311	.0491 %	.0625	WEIGHT TAKEN
SPLEEN (SP)	.5352	.2005 %	.2550	WEIGHT TAKEN
THYMUS (TH)	.3266	.1224 %	.1556	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0186	.0070 %	.0089	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL

000524

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96046 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 266.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:42 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000525

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96047 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 213.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:53 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0586	.0275 %	.0281	WEIGHT TAKEN
BRAIN (BR)	2.0822	.9762 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3414	1.0977 %	1.1245	WEIGHT TAKEN
LIVER (LI)	12.2355	5.7363 %	5.8762	WEIGHT TAKEN
OVARY (OV)	.1156	.0542 %	.0555	WEIGHT TAKEN
SPLEEN (SP)	.4873	.2285 %	.2340	WEIGHT TAKEN
THYMUS (TH)	.3388	.1588 %	.1627	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0191	.0090 %	.0092	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

LIVER (LI) :
-DIFFUSELY DARK; ALL LOBES: DARK BROWN

UTERUS (UT) :
-LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LUNG (LU) :
-INFILTRATE, MACROPHAGE, ALVEOLAR,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-PIGMENT, HEPATOCELLULAR,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
UTERUS (UT) :
-DILATATION,-SLIGHT

000529

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96047 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 213.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:53 PROSECTOR: NANCY DIEDRICH RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA)

000527

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96048 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 223.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:40 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0851	.0380 %	.0404	WEIGHT TAKEN
BRAIN (BR)	2.1074	.9416 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3036	1.0293 %	1.0931	WEIGHT TAKEN
LIVER (LI)	13.9635	6.2393 %	6.6259	WEIGHT TAKEN
OVARY (OV)	.1738	.0777 %	.0825	WEIGHT TAKEN
SPLEEN (SP)	.5093	.2276 %	.2417	WEIGHT TAKEN
THYMUS (TH)	.2971	.1328 %	.1410	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0252	.0113 %	.0120	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

OVARY (OV) :
-DIFFUSELY RED; BILATERAL: DARK RED

HISTOPATHOLOGY

BRAIN (BR) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
LUNG (LU) :
-INFLAMMATION, SUBACUTE,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-PIGMENT, HEPATOCELLULAR,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
KIDNEY (KD) :
-MINERALIZATION, TUBULAR,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
HARDERIAN GLAND (HG) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
OVARY (OV) :
>UNREMARKABLE

000528

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96048 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 223.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:40 PROSECTOR: KIMBERLY DURLAND RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

O B S E R V A T I O N S (CONTINUED)

NECROPSY

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), VAGINA (VA), TAIL (TI)

HISTOPATHOLOGY

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), SPINAL CORD (SC), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), VAGINA (VA)

000529

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96049 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 191.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:55 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0539	.0282 %	.0297	WEIGHT TAKEN
BRAIN (BR)	1.8149	.9482 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.7670	.9232 %	.9736	WEIGHT TAKEN
LIVER (LI)	10.6923	5.5864 %	5.8914	WEIGHT TAKEN
OVARY (OV)	.0973	.0508 %	.0536	WEIGHT TAKEN
SPLEEN (SP)	.4078	.2131 %	.2247	WEIGHT TAKEN
THYMUS (TH)	.2422	.1265 %	.1335	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0173	.0090 %	.0095	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: MULTIPLE DARK BROWN AREAS, UP TO 5 X 1 MM
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-TAIL - BENT/MISSING; TIP: MISSING; REMAINING PORTION COLLECTED

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-PIGMENT, HEPATOCELLULAR,-MINIMAL
STOMACH, GL (ST) :
-EROSION,-SLIGHT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96049 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 191.4 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 10:55 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000531

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96050 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 216.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:40 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0634	.0292 %	.0313	WEIGHT TAKEN
BRAIN (BR)	2.0287	.9357 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9598	.9040 %	.9660	WEIGHT TAKEN
LIVER (LI)	12.8289	5.9174 %	6.3237	WEIGHT TAKEN
OVARY (OV)	.0985	.0454 %	.0486	WEIGHT TAKEN
SPLEEN (SP)	.3976	.1834 %	.1960	WEIGHT TAKEN
THYMUS (TH)	.1845	.0851 %	.0909	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0195	.0090 %	.0096	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-PIGMENT, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96050 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 216.8 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 11:40 PROSECTOR: GREGORY CODDINGTON RECORDER: TERRI L. WILLIAMS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000533

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96051 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 181.0 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:19 PROSECTOR: MATTHEW AXTMAN RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	8.8661	4.8984 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000534

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96052 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 202.7 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:52 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	8.9691	4.4248 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000535

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96053 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 191.0 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:55 PROSECTOR: WENDY CHERRY RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	8.3894	4.3924 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96054 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 186.7 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:16 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	8.0181	4.2946 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000537

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96055 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, FIRST INTERIM SACRIFICE
DATE OF DEATH: 10/01/98 STUDY DAY OF DEATH: 31 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 178.9 GRAMS
DATE AND TIME OF NECROPSY: 10/01/98 11:28 PROSECTOR: TONY HANFELD RECORDER: KEVIN BILLINGS
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: MICHELE ZIMA

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	--------	--------	--------	NOT TAKEN
BRAIN (BR)	--------	--------	--------	NOT TAKEN
KIDNEY (KD)	--------	--------	--------	NOT TAKEN
LIVER (LI)	7.8851	4.4075 %	--------	WEIGHT TAKEN
OVARY (OV)	--------	--------	--------	NOT TAKEN
SPLEEN (SP)	--------	--------	--------	NOT TAKEN
THYMUS (TH)	--------	--------	--------	NOT TAKEN
THYROID/PARATHYR (TT)	--------	--------	--------	NOT TAKEN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI), GENERAL COMMENT (GC)

000533

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96056 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 209.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:49 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0720	.0344 %	.0368	WEIGHT TAKEN
BRAIN (BR)	1.9559	.9345 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9486	.9310 %	.9963	WEIGHT TAKEN
LIVER (LI)	12.3563	5.9036 %	6.3175	WEIGHT TAKEN
OVARY (OV)	.1065	.0509 %	.0545	WEIGHT TAKEN
SPLEEN (SP)	.4034	.1927 %	.2062	WEIGHT TAKEN
THYMUS (TH)	.2087	.0997 %	.1067	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0187	.0089 %	.0096	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR, CENTRILOBULAR TO MIDZONAL,-MINIMAL
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
UTERUS (UT) :
-DILATATION,-SLIGHT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

0005539

ANIMAL NUMBER: C96056 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 209.3 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 9:49 PROSECTOR: TODD ACKER RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA)

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96057 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 250.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:39 PROSECTOR: GREGORY CODDINGTON RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0614	.0245 %	.0280	WEIGHT TAKEN
BRAIN (BR)	2.1920	.8750 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2779	.9093 %	1.0392	WEIGHT TAKEN
LIVER (LI)	13.2419	5.2862 %	6.0410	WEIGHT TAKEN
OVARY (OV)	.1134	.0453 %	.0517	WEIGHT TAKEN
SPLEEN (SP)	.3561	.1422 %	.1625	WEIGHT TAKEN
THYMUS (TH)	.2704	.1079 %	.1234	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0195	.0078 %	.0089	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: MULTIPLE BROWN AREAS, UP TO 3 X 1 MM

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
-NECROSIS, INDIVIDUAL HEPATOCYTE,-MINIMAL
-PIGMENT, HEPATOCELLULAR,-MINIMAL
KIDNEY (KD) :
-MINERALIZATION, TUBULAR,-MINIMAL
THYMUS (TH) :
-INVOLUTION,-MINIMAL
STOMACH, GL (ST) :
>UNREMARKABLE
UTERUS (UT) :
-DILATATION,-MINIMAL

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96057 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 250.5 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:39 PROSECTOR: GREGORY CODDINGTON RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA)

000542

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96058 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 246.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:55 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0527	.0214 %	.0253	WEIGHT TAKEN
BRAIN (BR)	2.0848	.8451 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0803	.8433 %	.9978	WEIGHT TAKEN
LIVER (LI)	11.7380	4.7580 %	5.6303	WEIGHT TAKEN
OVARY (OV)	.0992	.0402 %	.0476	WEIGHT TAKEN
SPLEEN (SP)	.5123	.2077 %	.2457	WEIGHT TAKEN
THYMUS (TH)	.2728	.1106 %	.1309	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0157	.0064 %	.0075	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, DIFFUSE,-SLIGHT
THYMUS (TH) :
-HEMORRHAGE,-MINIMAL
-INVOLUTION,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
PANCREAS (PA) :
-INFILTRATE, LYMPHOHISTIOCYTIC,-MINIMAL
LN, MANDIBULAR (MN) :
-HEMORRHAGE,-MINIMAL

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
GENERAL INFORMATION (XX) :
>NOTE:>ANIMAL NECROPSIED OUT OF ORDER DUE TO MORIBUND
CONDITION FOLLOWING BLOOD COLLECTION

ANIMAL NUMBER: C96058 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 246.7 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 7:55 PROSECTOR: LAURIE J. SCHULLER RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

000544

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96059 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 207.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:25 PROSECTOR: JODI THIEREN RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0551	.0265 %	.0275	WEIGHT TAKEN
BRAIN (BR)	2.0062	.9650 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0576	.9897 %	1.0256	WEIGHT TAKEN
LIVER (LI)	11.4068	5.4867 %	5.6858	WEIGHT TAKEN
OVARY (OV)	.1254	.0603 %	.0625	WEIGHT TAKEN
SPLEEN (SP)	.4387	.2110 %	.2187	WEIGHT TAKEN
THYMUS (TH)	.1931	.0929 %	.0963	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0137	.0066 %	.0068	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-PIGMENT, HEPATOCELLULAR,-MINIMAL
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
UTERUS (UT) :
-DILATATION,-SLIGHT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96059 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 207.9 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 8:25 PROSECTOR: JODI THIEREN RECORDER: STEVE VAN ADESTINE
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: TONY HANFELD

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), OVARY (OV), VAGINA (VA)

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13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96060 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 249.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:19 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0718	.0288 %	.0349	WEIGHT TAKEN
BRAIN (BR)	2.0579	.8245 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.5943	1.0394 %	1.2607	WEIGHT TAKEN
LIVER (LI)	13.5240	5.4183 %	6.5717	WEIGHT TAKEN
OVARY (OV)	.1100	.0441 %	.0535	WEIGHT TAKEN
SPLEEN (SP)	.4646	.1861 %	.2258	WEIGHT TAKEN
THYMUS (TH)	.3518	.1409 %	.1710	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0313	.0125 %	.0152	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

THYROID (TY) :
>NOTE:>TRIMMING COMMENT: ONE THYROID/PARATHYROID NOT FOUND IN WET TISSUE AT TRIMMING
PARATHYROID (PT) :
>NOTE:>TRIMMING COMMENT: ONE THYROID/PARATHYROID NOT FOUND IN WET TISSUE AT TRIMMING
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-NO MACROSCOPIC LESIONS

HISTOPATHOLOGY

LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
THYROID (TY) :
-CYST, ULTIMOBRANCHIAL,-PRESENT
-ONE EXAMINED,-PRESENT
PARATHYROID (PT) :
-ONE EXAMINED,-PRESENT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL
PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C96060 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 12/02/98 STUDY DAY OF DEATH: 93 STUDY WEEK OF DEATH: 14 TERMINAL BODY WEIGHT: 249.6 GRAMS
DATE AND TIME OF NECROPSY: 12/02/98 12:19 PROSECTOR: MICHELE ZIMA RECORDER: WENDY CHERRY
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: JOHN EIGHMY WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), LIVER (LI), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), THYROID (TY), PARATHYROID (PT), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA), TAIL (TI)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), EYE (EY), BRAIN (BR), SPINAL CORD (SC), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), KIDNEY (KD), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), SPLEEN (SP), THYMUS (TH), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), AORTA (AO), PITUITARY (PI), STOMACH, GL (ST), STOMACH, NONGL (SU), PANCREAS (PA), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), CECUM (CE), COLON (CO), RECTUM (RE), LN, MANDIBULAR (MN), SALIV GL, MANDIB (SG), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), UTERUS (UT), CERVIX (CV), OVARY (OV), VAGINA (VA)

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APPENDIX 7

Cell Proliferation Report

Note: This appendix of the report contains information supplied by Pathology Associates International and has been reviewed by the Quality Assurance Unit of Pathology Associates International.

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FINAL
CELL PROLIFERATION REPORT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T-6314) IN RATS
COVANCE STUDY NUMBER 6329-225

PREPARED FOR:

3M
TOXICOLOGY SERVICES
BUILDING 220-2E-02, 3M CENTER
ST. PAUL, MN 55144-1000

PREPARED BY:

PATHOLOGY ASSOCIATES INTERNATIONAL
15 WORMAN'S MILL COURT, SUITE I
FREDERICK, MD 21701

MAY 12, 2000

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CELL PROLIFERATION REPORT

13-WEEK DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T-6314) IN RATS COVANCE STUDY NUMBER 6329-225

PURPOSE

The purpose of the study was to assess the toxicity of the test material when administered in the diet to rats for at least 13 weeks.

This report, submitted by Pathology Associates International (PAI) to the study Sponsor, 3M, represents the cell proliferation findings and interpretation for Covance Study Number 6329-225 entitled "13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) In Rats". All aspects of the tasks associated with PAI's portion of this study were conducted in compliance with the Food and Drug Administration Good Laboratory Practice (GLP) Regulations as set forth in Title 21 of the US Code of Federal Regulations, Part 58, issued December 22, 1978 (effective June 20, 1979), and with any applicable amendments.

MATERIALS AND METHODS

Tissue Collection for Cell Proliferation

Five animals per sex per group in groups 1 through 4 were sacrificed during week 13 for hepatocellular proliferation. A section of the left lateral lobe of the liver from each of 5 rats per group (groups 1-4) was fixed and processed to paraffin block by Covance per protocol specifications. Tissue blocks were shipped to PAI for sectioning and staining. From each block, a slide was prepared for H&E evaluation and immunohistochemical detection of proliferating cell nuclear antigen (PCNA), a marker of cell proliferation.

Immunohistochemistry for Cell Proliferation

Sections of paraffin-embedded tissues were cut at 5 µm and placed on positively charged slides (Superfrost Plus, Fisher Scientific, Pittsburgh, PA) to ensure adhesion during processing for PCNA. Standard immunohistochemical methods were used to stain tissues for PCNA (PAI's SOP for immunohistochemistry). Briefly, tissue sections were incubated with a monoclonal antibody to PCNA (DAKO, lot #016, PAI No. A1723) and reagents required for the avidin-biotin peroxidase (ABC Kit, lot #PK-6100, PAI No. K 324) method for the detection of the antigen-antibody complex. PCNA expression in cells in all phases of the cell cycle (G_1, S, G_2 and M) was localized by the chromagen 3,3'-diaminobenzidine (DAB; Sigma Chemical Co., lot #18H8201). Tissue sections were counterstained with hematoxylin. A negative control slide was included in the staining run and consisted of study tissue that was not incubated with the primary antibody.

Cell Proliferation Measurements

For cell proliferation evaluations, slides were first perused at low magnification (100X) to judge quality of staining, processing and sectioning, pattern of cell labeling (e.g., centrilobular or panlobular, extrahepatocellular proliferation, such as Kupffer cells, bile duct epithelium, endothelium), and histomorphologic changes. Cell proliferation was then quantified at higher magnification (200X). The percentage of hepatocytes in S phase of the cell cycle (labeling index, LI) was determined by scoring at least 3000 hepatocytes in 10 randomly selected fields per animal. Histomorphology was further assessed by evaluating the serial H&E slide for each animal evaluated for cell proliferation.

Statistical Analysis

The Student's *t*-test (two-sided, unequal variance) was used to test for statistical significance in LI between control and treatment groups using Microsoft Excel version 5.0. A P value of less than 0.05 was judged to be statistically significant.

RESULTS

Cell Proliferation

Individual animal and group mean cell proliferation data are presented in Section II (Table 1). The percentage of proliferating hepatocytes, as determined by the labeling index (LI), was not significantly increased in treated groups compared to that of controls in either male or female rats. The LI was significantly less than controls in female rats from groups 3 and 4.

Histopathology

Sections from the same tissue blocks used for preparation of PCNA-stained slides were stained with hematoxylin and eosin (H&E) for histopathologic evaluation to facilitate the interpretation of the immunostained slides. Individual animal findings and group summaries are presented in Appendix I.

The results showed no changes in the liver tissue of male and female rats that would alter the interpretation of the PCNA staining in this study.

SUMMARY

In the present study, cell proliferation was measured within the liver of male and female rats from control (0 ppm), low dose (3 ppm), mid dose (30 ppm) and high dose (100 ppm) after 13 weeks on study. No statistically significant increases in cell proliferation, as determined by the PCNA labeling index (LI) were observed in male or female rats after 13 weeks of N-methyl perfluorooctanesulfonamido ethanol. Although cell proliferation was statistically less than controls in mid dose (30 ppm) and high dose (100 ppm) females, the decrease was not dose-related, and the individual animal values were within the range observed in control animals. Therefore, this decrease was not considered to be biologically relevant.

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II. TABLES

Legend

- **SEM = Standard Error of the Mean**

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Table II-1. Cell Proliferation in Rat Liver

Dose Group	Sex	Animal Number	PCNA Labeling Index (%)
1 (Control - 0 ppm)	M	C95902	0.387
1 (Control - 0 ppm)	M	C95905	0.246
1 (Control - 0 ppm)	M	C95906	0.227
1 (Control - 0 ppm)	M	C95909	0.153
1 (Control - 0 ppm)	M	C95918	0.583
		Mean	**0.319**
		SEM	**0.076**
2 (Low - 3 ppm)	M	C95924	0.190
2 (Low - 3 ppm)	M	C95925	0.208
2 (Low - 3 ppm)	M	C95927	0.235
2 (Low - 3 ppm)	M	C95936	0.063
2 (Low - 3 ppm)	M	C95937	0.224
		Mean	**0.184**
		SEM	**0.031**
3 (Mid - 30 ppm)	M	C95942	0.162
3 (Mid - 30 ppm)	M	C95947	0.160
3 (Mid - 30 ppm)	M	C95948	0.186
3 (Mid - 30 ppm)	M	C95950	0.065
3 (Mid - 30 ppm)	M	C95958	0.160
		Mean	**0.147**
		SEM	**0.021**
4 (High - 100 ppm)	M	C95962	0.130
4 (High - 100 ppm)	M	C95965	0.163
4 (High - 100 ppm)	M	C95967	0.881
4 (High - 100 ppm)	M	C95968	0.096
4 (High - 100 ppm)	M	C95977	0.162
		Mean	**0.286**
		SEM	**0.149**

Table II-1. Cell Proliferation in Rat Liver

Dose Group	Sex	Animal Number	PCNA Labeling Index (%)
1 (Control - 0 ppm)	F	C95985	0.179
1 (Control - 0 ppm)	F	C95987	0.153
1 (Control - 0 ppm)	F	C95988	0.298
1 (Control - 0 ppm)	F	C95997	0.215
1 (Control - 0 ppm)	F	C96000	0.181
		Mean	**0.205**
		SEM	**0.025**
2 (Low - 3 ppm)	F	C96002	0.244
2 (Low - 3 ppm)	F	C96003	0.749
2 (Low - 3 ppm)	F	C96006	0.285
2 (Low - 3 ppm)	F	C96008	0.253
2 (Low - 3 ppm)	F	C96010	0.122
		Mean	**0.330**
		SEM	**0.108**
3 (Mid - 30 ppm)	F	C96021	0.088
3 (Mid - 30 ppm)	F	C96023	0.063
3 (Mid - 30 ppm)	F	C96026	0.099
3 (Mid - 30 ppm)	F	C96027	0.181
3 (Mid - 30 ppm)	F	C96038	0.062
		Mean	**0.099**
		SEM	**0.022**
4 (High - 100 ppm)	F	C96045	0.032
4 (High - 100 ppm)	F	C96046	0.128
4 (High - 100 ppm)	F	C96048	0.121
4 (High - 100 ppm)	F	C96049	0.152
4 (High - 100 ppm)	F	C96056	0.128
		Mean	**0.112**
		SEM	**0.021**

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III. SIGNATURE PAGE

Submitted by:

Project Manager:

Sandra R. Eldridge, Ph.D. — Date: 5-15-00

Project Pathologist:

Carolyn Moyer, D.V.M., Diplomate, A.C.V.P. — Date: 5/15/00

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IV. QUALITY ASSURANCE STATEMENT

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Pathology Associates International
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Cell Proliferation Report

13-Week Dietary Toxicity Study with N-Methyl Perfluoroctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Covance Study Number: 6329-225

QUALITY ASSURANCE STATEMENT

This cell proliferation project has been inspected and audited by the PAI Quality Assurance Unit (QAU) as required by the Good Laboratory Practice (GLP) regulations promulgated by the U.S. Food and Drug Administration (FDA). The cell proliferation report is an accurate reflection of the recorded data. The following table is a record of the inspections/audits performed and reported by the QAU.

Date of Inspection	Phase Inspected	Date Findings Reported to PAI Management/Project Manager
12/23/98	Microtomy	12/23/98
04/03/00	Study Data and Supporting Documentation	04/03/00
04/03/00	Draft Cell Proliferation Report	04/03/00
05/12/00	Final Cell Proliferation Report	05/12/00

Karen E. Butler
Quality Assurance Officer

5/12/00
Date

15 Worman's Mill Court, Suite I • Frederick, Maryland 21701 • (301) 663-1644 • (301) 663-8994

APPENDIX I

Individual Animal Findings

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Tissue: Liver

ANIMAL NUMBER	SEX	DOSE GROUP	HISTOLOGIC FINDINGS
C96027	F	3	No Significant Findings
C96026	F	3	No Significant Findings
C96021	F	3	No Significant Findings
C96023	F	3	No Significant Findings
C96038	F	3	No Significant Findings
C95948	M	3	No Significant Findings
C95950	M	3	No Significant Findings
C95942	M	3	No Significant Findings
C95947	M	3	No Significant Findings
C95958	M	3	No Significant Findings
C95965	M	4	No Significant Findings
C95967	M	4	No Significant Findings
C95968	M	4	No Significant Findings
C95962	M	4	No Significant Findings
C95977	M	4	No Significant Findings
C96048	F	4	No Significant Findings
C96045	F	4	No Significant Findings
C96056	F	4	No Significant Findings
C96049	F	4	No Significant Findings
C96046	F	4	No Significant Findings
C95985	F	1	No Significant Findings
C95997	F	1	No Significant Findings
C95988	F	1	No Significant Findings
C95987	F	1	No Significant Findings
C96000	F	1	No Significant Findings
C95909	M	1	No Significant Findings
C95902	M	1	No Significant Findings
C95918	M	1	No Significant Findings
C95905	M	1	No Significant Findings
C95906	M	1	No Significant Findings

Individual Animal Findings

13-Week Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Tissue: Liver

ANIMAL NUMBER	SEX	DOSE GROUP	HISTOLOGIC FINDINGS
C95925	M	2	No Significant Findings
C95937	M	2	No Significant Findings
C95936	M	2	No Significant Findings
C95924	M	2	No Significant Findings
C95927	M	2	No Significant Findings
C96010	F	2	No Significant Findings
C96003	F	2	No Significant Findings
C96002	F	2	No Significant Findings
C96006	F	2	No Significant Findings
C96008	F	2	No Significant Findings
C96003	F	2	No Significant Findings
C96002	F	2	No Significant Findings
C96006	F	2	No Significant Findings
C96008	F	2	No Significant Findings

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Final Report

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

PREPARED FOR:
3M

COVANCE STUDY NUMBER:
6329-224

COVANCE
THE DEVELOPMENT SERVICES COMPANY

Sponsor:

3M
St. Paul, Minnesota

FINAL REPORT

Study Title:

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Author:

Peter J. Thomford, PhD

Study Completion Date:

July 5, 2000

Performing Laboratory:

Covance Laboratories Inc.
3301 Kinsman Boulevard
Madison, Wisconsin 53704-2595

Laboratory Study Identification:

Covance 6329-224

Sponsor Project Identification:

3M T-6314.2

000565

QUALITY ASSURANCE STATEMENT

This report, with the exception of Appendix 7, has been reviewed by the Quality Assurance Unit of Covance Laboratories Inc., in accordance with the Food and Drug Administration (FDA) Good Laboratory Practice Regulations, 21 CFR 58. The data in Appendix 7 was generated by and is the responsibility of Pathology Associates International. The following inspections were conducted and findings reported to the study director and study director management.

Inspection Dates			Date Reported to Study Director and
From	To	Phase	Study Director Management
06/04/98	06/04/98	Protocol Review	06/04/98
07/13/98	07/13/98	Postlife	07/13/98
09/16/98	09/25/98	Data Review	09/25/98
10/01/98	10/09/98	Data Review	10/09/98
10/19/98	10/22/98	Report Review	10/22/98
06/02/99	06/02/99	Protocol Amendment Review	06/02/99
05/02/00	05/03/00	Report Review	05/03/00

Debra J. Kellenberger
Representative
Quality Assurance Unit

05 July 2000
Date

STUDY IDENTIFICATION

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Test Material	N-Methyl Perfluorooctanesulfonamido Ethanol (MeFOSE, T-6314)
Sponsor	3M Toxicology Services Building 220-2E-02, 3M Center St. Paul, Minnesota 55144-1000
Study Monitor	Andrew M. Seacat, PhD 3M Toxicology Services 651.575.3161
Alternate Study Monitor	Marvin T. Case, DVM, PhD 3M Toxicology Services 651.733.5180
Study Location	Covance Laboratories Inc. 3301 Kinsman Boulevard Madison, Wisconsin 53704-2595
Study Director	Peter J. Thomford, PhD Covance Laboratories Inc. P.O. Box 7545 Madison, Wisconsin 53707-7545 608.241.7207
Study Timetable	
Study Initiation Date	June 8, 1998
In-Life Start Date	June 12, 1998
In-Life End Date	July 13, 1998
Study Completion Date	July 5, 2000

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KEY PERSONNEL

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Study Director	Peter J. Thomford, PhD
Study Toxicologist	Thomas E. Ryan, BS
Study Coordinator	Nii van Bruce-Konuah
Supervisor, Small Animal Toxicology	Nathan E. Snortum, BA, BT, ALAT
Supervisor, Dose Formulation	Dixie Bushee, BS, LATG
Supervisor, Chemistry/Tox Support	Brian Schoenike, BS
Supervisor, Laboratory Animal Medicine	Donna J. Clemons, DVM Diplomate, ACLAM
Clinical Pathologist	Robert L. Hall, DVM, PhD Diplomate, ACVP (Clinical Pathology)
Supervisor, Clinical Pathology	Ronald Markevitch, BS, MT (ASCP)
Anatomical Pathologist	Richard Hamilton Bruner, DVM Diplomate, ACVP Pathology Associates International
Supervisor, Anatomical Pathology	Deborah Pirkel, ALAT

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ABSTRACT

The purpose of this study was to assess the toxicity of the test material, N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) when administered in the diet to rats for at least 4 weeks.

Six groups of Crl:CD®(SD) IGS BR rats were exposed to N-MeFOSE in the diet for at least 4 weeks. Each group contained six males and six females. The dose levels were 0 (control group), 1, 10, 30, 100, and 500 ppm.

Food was provided *ad libitum*, except when animals were fasted. Water was provided *ad libitum*. The animals were observed twice daily (a.m. and p.m.) for mortality and moribundity. At least once each week, each animal was removed from its cage and examined for abnormalities and signs of toxicity. Body weights and food consumption data were collected twice weekly for at least 4 weeks. Blood and urine samples were collected for hematology, clinical chemistry, and urinalysis tests from all surviving animals after 4 weeks of treatment. After at least 4 weeks of treatment, blood was also collected from all surviving animals for serum perfluorooctane sulfonic acid (PFOS) analyses. On Day 32, the animals were anesthetized, weighed, exsanguinated, and necropsied. At necropsy, macroscopic observations were recorded, selected organs were weighed, and selected tissues were collected and preserved. Samples of liver were collected from all surviving animals for palmitoyl-CoA oxidase activity (by Covance) and proliferation cell nuclear antigen (PCNA) evaluation and liver PFOS analysis (by the Sponsor). The animal that died on test was also necropsied, but organ weights were not recorded. Microscopic examinations were done on tissues from each animal.

One animal given 500 ppm N-MeFOSE died on Day 25. All other animals survived to the scheduled sacrifice. No clinical observations were noted that were considered to represent primary effects of the test material. Lower body weight, body weight gains, and food consumption in animals given 500 ppm were test material-related.

Dietary administration of N-MeFOSE at a dose level of 500 ppm for approximately 4 weeks was associated with several effects on clinical pathology test results including moderately lower red blood cell count, hemoglobin, and hematocrit; lower absolute eosinophil count; mildly higher urea nitrogen; moderately higher albumin and mildly to

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moderately lower globulin; markedly lower cholesterol; mildly to moderately higher total bilirubin, aspartate aminotransferase, and alanine aminotransferase; and moderately higher hepatic palmitoyl-CoA oxidase. Of uncertain relationship to administration of N-MeFOSE were lower urine pH for males fed 500 ppm and small differences for animals fed 100 ppm including higher urea nitrogen, albumin, and alanine aminotransferase (males only) and lower cholesterol. Of the differences for animals fed 100 ppm, only the difference for alanine aminotransferase was statistically significant.

Mean absolute and relative (to brain and body) liver weights for all males and females given 100 and 500 ppm N-MeFOSE were significantly increased over control values, and these variations were regarded as treatment-related. All additional mean organ weights, which varied significantly from control values, were considered to be within the range or normal biologic variation, or were manifestations of slight weight loss associated with physiologic stress.

Treatment-related microscopic findings were restricted to the liver and consisted of minimal to severe centrilobular hepatocellular hypertrophy. Hypertrophic changes were slightly more severe in males; and at the high-dose level, liver cell swelling in several males was associated with acute necrosis. Necrosis was attributed to restricted blood supply (ischemia) from swollen liver cells rather than direct hepatocellular damage. Additional microscopic findings were consistent with common, spontaneous alterations in laboratory rats or changes associated with stress, nutritional deprivation, or tissue processing artifact.

Based on the results of this study, dietary administration of N-MeFOSE to Crl:CD®(SD) IGS BR rats for at least 4 weeks resulted in adverse effects at a dose level of 500 ppm. The no-observable-adverse-effect level was determined to be 100 ppm.

PURPOSE

The purpose of this study was to assess the toxicity of the test material, N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) when administered in the diet to rats for at least 4 weeks.

REGULATORY COMPLIANCE

The study was conducted in compliance with the Food and Drug Administration Good Laboratory Practice Regulations as set forth in Title 21 of the US Code of Federal Regulations, Part 58, issued December 22, 1978 (effective June 20, 1979), and with any applicable amendments.

TEST MATERIAL AND VEHICLE

Test Material

The test material, N-Methyl Perfluorooctanesulfonamido Ethanol (MeFOSE, T-6314), Lot No. F-11364, is an off white powder. It was received at Covance on August 3, 1995.

Information on synthesis methods, stability, purity, composition, or other characteristics that define the test material is on file with the Sponsor.

The test material was stored at room temperature.

Vehicle

The vehicle was acetone (Spectrum Quality Products Inc., Gardena, California), Lot No. LH0253 (expiration date: June 2000). It was received at Covance on June 23, 1997.

The vehicle was stored at room temperature.

Information on synthesis methods, stability, purity, composition, or other characteristics that define the acetone is on file with the manufacturer.

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Reserve (Archive) Samples

A reserve sample (approximately 5 g) of the test material was taken and stored at room temperature. These samples will be transferred to the Sponsor after authorization from the Sponsor.

Disposition

Remaining test material was retained for future use (see Protocol Deviations page for exception).

TEST SYSTEM

Test Animal

Male and female Crl:CD®(SD) IGS BR rats were obtained from the Raleigh, North Carolina, facility of Charles River Laboratories, Inc., on June 2, 1998. The animals were 31 to 37 days old at initiation of treatment. The males weighed from 144 to 194 g, and the females weighed from 114 to 158 g at initiation of treatment.

Identification

Each animal was assigned a temporary number upon arrival. Before initiation of treatment, a microchip identification device was implanted into each animal. After randomization for placement on test, each animal was assigned a permanent number, and the microchip was coded with the permanent number. All data for an animal are recorded under these numbers.

Acclimation

Forty-one males and 41 females were received on June 2, 1998, and acclimated in Animal Room 349 for 10 days before initiation of treatment. In general, animals in this shipment appeared healthy. During acclimation, the animals were examined for abnormalities indicative of health problems, and body weights were recorded for all animals at randomization.

Housing and Maintenance

Animal Room 349 was used for this study. Environmental controls for the animal room were set to maintain 18 to 26°C, a relative humidity of 30 to 70%, and a 12-hour light/12-hour dark cycle. Variations from these conditions are documented in the data and are considered to have had no effect on the outcome of the study.

The animals were housed individually (except for the first 7 days of acclimation when animals were group-housed) in stainless steel, screen-bottom cages.

Certified rodent diet #5002 meal, (PMI Nutrition International) was provided *ad libitum*, except when animals were fasted. The diet is routinely analyzed by the manufacturer for nutritional components and environmental contaminants. The results are on file with Covance-Madison.

Water was provided *ad libitum*. Samples of the water are analyzed for specified microorganisms and environmental contaminants. The results are on file with Covance-Madison.

There were no known contaminants in the diet or water at levels that would have interfered with this study.

Animals not selected for the study (five males and five females) were removed from the study room and used for training procedures.

Justification

Rats historically have been used in safety evaluation studies and are recommended by appropriate regulatory agencies.

PROCEDURES

This study was conducted in accordance with the Protocol dated June 8, 1998, and Protocol Amendment No. 1. The protocol, protocol amendment, and protocol deviations are in Appendix 1.

The animals were examined by a laboratory animal veterinarian on June 10, 1998, and found to be suitable for study consideration. Selection of animals for the study was based on clinical observations, body weights, and other data as appropriate. Animals were assigned to treatment groups using a computerized blocking procedure designed to achieve body weight balance with respect to treatment group. At the time of randomization, the weight variation of the animals for each sex used did not exceed ±2 standard deviations of the mean weight. Group mean body weights were analyzed using Levene's test for homogeneity of variance at the 5.0% probability level and found to be homogeneous. Animals were assigned to the study according to the following design:

Group Designations and Dietary Levels

Group	Number of Animals Male	Female	Dietary Levels (ppm MeFOS)[a]
1 (Control)[b]	6	6	0
2 (Low)	6	6	1
3 (Low-Mid)	6	6	10
4 (Mid)	6	6	30
5 (Mid-High)	6	6	100
6 (High)	6	6	500

a Dose levels were expressed as ppm of MeFOS.
b The control animals received the basal diet only.

Dose Preparation

Dietary concentrations were based on the test material as supplied. Diets were prepared pretest for homogeneity, and twice for use in the in-life phase.

Preparation of Diet for Group 1. The appropriate amount of diet was weighed into a labeled container, and acetone was added at the same concentration as the high-dose concentration. The combination of the diet and acetone was then mixed for 15 minutes.

Preparation of Diet for Group 6. Each dose level was prepared independently. A specified amount of diet was weighed into a labeled Hobart® mixing bowl. The required amount of test material was weighed and transferred into a labeled container. Approximately 5 mL of acetone was added to the container and mixed manually.

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Increments of approximately 5 mL acetone were added as necessary until the test material had dissolved. To prepare a premix, the diet was transferred into a labeled Hobart® mixing bowl. The test material and acetone were added to the mixing bowl, overlaid with a portion of diet from the mixing bowl, and thoroughly mixed. A portion of diet from the mixing bowl was transferred to a second mixing bowl, mixed manually to recover residual test material, and returned to the first mixing bowl. The contents of the mixing bowl were thoroughly mixed.

Preparation of Diets for Groups 2 through 5. Each dose level was prepared independently. A specified amount of diet was weighed into a labeled Hobart® mixing bowl and a specified amount of diet for Group 6 was weighed for each diet. A pocket was formed in the feed in the mixing bowl and the amount of diet for Group 6 was transferred to the pocket. The contents of the mixing bowl were thoroughly mixed for 10 minutes.

Samples for dose analyses were taken directly from the mixing bowl.

The prepared test diets were stored at room temperature in covered containers until dispensed into feeding jars.

Retention Samples

Samples (approximately 100 g) were taken from each dose preparation sampled for dose analyses and stored at room temperature. These samples were discarded on December 9, 1998 (see Protocol Deviations page for exception).

Dose Analyses

Analyses for the concentration of test material in the dose preparations were done by Covance using an analytical method, MP-M324-MA, supplied by the Sponsor and validated by Covance.

Homogeneity was determined for all test material dose preparations once pretest. One sample each (approximately 100 g) from the top, middle, and bottom of the dose preparations mixed for homogeneity analyses was collected, divided into three subsamples for extraction and analyzed for test material content. All samples were stored at room

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temperature until analyzed. In addition, one sample each (approximately 100 g) from the top, middle, and bottom of the 1-ppm dose preparation mixed for the in-life portion of the study was collected, divided into three subsamples for extraction and analysis, and analyzed for test material content.

To evaluate the stability of the test material in the diet, four sets of samples (approximately 100 g each) were taken from the highest test material concentration used for the study. One set was analyzed on the day of mixing; a second sample of the high-dose preparation was stored at room temperature for at least 19 days, then analyzed. The third sample of the high-dose preparation was stored at room temperature for 32 days, then analyzed. Another sample of the high-dose preparation was stored at room temperature for 62 days, then analyzed. The remaining sample of the high-dose preparation was stored in a freezer set to maintain -10 to -30°C for 8 weeks, then analyzed. In addition, three samples (approximately 100 g each) were taken from the low-dose level preparation mixed for the in-life portion of the study and analyzed. Homogeneity samples collected from the middle of the low-dose preparation were analyzed on the day of mixing and used as the baseline value.

Samples (approximately 100 g) from all dose preparations were analyzed. The homogeneity sample collected from the middle of the low-dose level preparation mixed for Weeks 1 through 4 was used for dose confirmation. All samples were stored at room temperature until analyzed.

Method of Administration

Dietary admixture was used because the potential route of exposure in humans is oral.

The dose preparations were administered *ad libitum* for at least 4 weeks, unless otherwise specified.

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Clinical Observations

The animals were observed twice daily (a.m. and p.m.) for mortality and moribundity. Signs of poor health or abnormal behavior were recorded as they were observed. At least once each week, each animal was removed from its cage and examined. Any unusual or abnormal findings were recorded.

Body Weights

Individual body weight data were recorded on the first day of treatment and twice weekly thereafter.

Food Consumption

Individual food consumption data were recorded twice weekly during treatment.

Serum Perfluorooctane Sulfonic Acid Level (PFOS) Determination

After at least 4 weeks of treatment, animals were fasted overnight, anesthetized with carbon dioxide, and blood (as much as possible) was collected via cardiac puncture from all surviving animals. All samples were collected without anticoagulant, allowed to clot, at room temperature and centrifuged. Serum was harvested and stored in a freezer set to maintain -60 to -80°C until packed on dry ice and shipped to the Sponsor for analyses. The samples were analyzed for PFOS. Results of analyses will be reported separately by the Sponsor.

Clinical Pathology

After at least 4 weeks of treatment, blood and urine samples were collected from each animal. Animals were fasted overnight, and urine was collected chilled (approximately 16 hours before blood sampling); water was provided *ad libitum*. The animals were anesthetized with carbon dioxide; blood was collected via cardiac puncture. Potassium EDTA was used as anticoagulant for hematology tests. Animals were bled in random order. The following were evaluated.

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Hematology

red blood cell (erythrocyte) count	white blood cell (leukocyte) count
hemoglobin	differential blood cell count
hematocrit	segmented neutrophil count
mean corpuscular volume	lymphocyte count
mean corpuscular hemoglobin	monocyte count
mean corpuscular hemoglobin concentration	eosinophil count
platelet count	basophil count

Reticulocyte count smears were made and held for possible future examination.

Clinical Chemistry

glucose	alanine aminotransferase
urea nitrogen	gamma glutamyltransferase
creatinine	aspartate aminotransferase
total protein	calcium
albumin	inorganic phosphorus
globulin	sodium
cholesterol	potassium
total bilirubin	chloride

Urinalysis

appearance	glucose
volume	ketones
specific gravity	bilirubin
pH	blood
protein	microscopic examination of
urobilinogen	sediment

The remaining urine (up to 10 mL) for each animal was stored in a freezer set to maintain -10 to -30°C. Samples were packed on dry ice and shipped to the Sponsor. Urine samples will be stored by the Sponsor for possible future analysis.

Necropsy

A necropsy was done on the animal that was found dead. After at least 4 weeks of treatment, all surviving animals were fasted overnight, anesthetized with carbon dioxide, bled for clinical pathology tests and serum PFOS samples, weighed, exsanguinated, and necropsied. Animals were necropsied in random order.

The necropsy included a macroscopic examination of the external features of the carcass; all external body orifices; the abdominal, thoracic, and cranial cavities; organs; and tissues.

Organ Weights

At the scheduled sacrifice, the following organs (when present) were weighed; paired organs were weighed together (see Protocol Deviations for exception):

adrenal (2)	ovary (2)
brain	spleen
epididymis (2)	testis (2)
kidney (2)	thymus
liver	thyroid (2) with parathyroid

Organ-to-body weight percentages and organ-to-brain weight ratios were calculated.

Cell Proliferation Tissue Collection and Immunohistochemical Evaluation

At the scheduled sacrifice, representative samples of left lateral lobe of the liver were collected from each animal and preserved in zinc formalin. After fixation, samples were embedded in paraffin and shipped to Pathology Associates International for proliferation cell nuclear antigen (PCNA) evaluation. Results of the evaluation are in Appendix 7.

Palmitoyl-CoA Oxidase Tissue Collection and Analyses

At the scheduled sacrifice, a sample (approximately 500 mg) of the right lateral lobe of liver was collected from each animal, flash-frozen in liquid nitrogen, and stored in a freezer set to maintain -60 to -80°C until analyzed for palmitoyl-CoA oxidase activity.

Liver PFOS Analyses

A portion of the liver was collected from each animal at the scheduled sacrifice and stored in a freezer set to maintain -60 to -80°C until packed on dry ice and shipped to the Sponsor for PFOS and metabolites analyses. Results of these analyses will be reported separately by the Sponsor.

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Tissue Preservation

The following tissues (when present) from each animal were collected and preserved in 10% neutral-buffered formalin:

adrenal (2)
aorta
brain
cecum
cervix
colon
duodenum
esophagus
epididymis (2)
eye (2)
femur with bone marrow (articular surface of the distal end)
Harderian gland
heart
ileum with Peyer's patch (lymphoid aggregate)
jejunum
kidney (2)
lesions
liver
lung with mainstem bronchi
lymph nodes (mesenteric and mandibular)
mammary glands (females only)
ovary (2)
pancreas
pituitary
prostate
rectum
salivary gland [mandibular (2)]
sciatic nerve
seminal vesicles
skeletal muscle (thigh)
skin
spinal cord (cervical, mid-thoracic, and lumbar)
spleen
sternum with bone marrow
stomach
testis [(2) preserved in Bouin's fixative]
thymus
thyroid (2) with parathyroid
trachea
urinary bladder
uterus
vagina
Zymbal's gland

Tissues were shipped to Pathology Associates International for processing. The adrenals, brain, eyes, kidneys, liver, mesenteric lymph node, pancreas, spleen, testes, and ovaries from each animal were embedded in paraffin, sectioned, and stained with hematoxylin and eosin (see Protocol Deviations). The tissue slides were examined microscopically by Dr. Richard H. Bruner, DVM, DAVCP of Pathology Associates International.

Bone marrow smears from the femur of each animal at the scheduled sacrifice were prepared, stained with Wright's stain, and retained for possible examination.

Statistical Analyses

Levene's test was done to test for variance homogeneity. In the case of heterogeneity of variance at $p \leq 0.05$, transformations were used to stabilize the variance. Comparison tests took variance heterogeneity into consideration.

One-way analysis of variance (ANOVA) was used (if applicable) to analyze body weights, body weight changes, food consumption, continuous clinical pathology values, and organ weight data. If the ANOVA was significant, Dunnett's t-test was used for control versus treated group comparisons.

Group comparisons (Groups 2 through 6 versus Group 1) were evaluated at the 5.0%, two-tailed probability level. Only data collected on or after the first day of treatment was analyzed statistically.

RECORD RETENTION

All raw data, documentation, records, protocol, and specimens generated as a result of this study will be archived in the storage facilities of Covance-Madison for a period of 1 year. One year after the submission of the final report, the Sponsor will determine the final disposition of the materials. All raw data stored on magnetic media, the protocol and protocol amendments, study correspondence, and an original copy of the final report will be retained by Covance-Madison.

PCNA evaluation data, paraffin blocks, and tissue slides will be retained by Pathology Associates International.

Liver, urine, and serum samples sent to the Sponsor and analysis data will be retained by the Sponsor.

RESULTS

Dose Analyses

Results of the homogeneity, stability, and dose preparation analyses are in Tables 1 through 3.

Mean values of the homogeneity analyses ranged from 102-268%, 95.9-102%, 93.7-97.0%, 94.4-95.8%, and 94.0-101% of the theoretical concentrations for the diets containing 1, 10, 30, 100, and 500 ppm N-MeFOSE, respectively. Because the results of the analyses of diets mixed on June 11, 1998, for the diet containing 1 ppm were high (118%, 268%, and 129%), they were reanalyzed. The results of the reanalyses were 116%, 114%, and 102%. These results indicate that the mixing procedure produced a homogeneous distribution of the test material in the dose preparations.

Results of stability analyses of samples stored for 19, 32, and 62 days at room temperature and 8 weeks under frozen conditions, indicated that the mean concentrations were 90.2%, 83.4%, 70.6% and 97.2%, respectively, of the theoretical concentrations of 500 ppm. Results of stability analyses of samples from the 1-ppm theoretical concentration, indicated that the mean concentrations were 132% and 72.6% for the diet preparations mixed pretest and the in-life portion of the study, respectively. Therefore, the dose preparations were stable for 62 days at room temperature storage and 8 weeks under frozen conditions for mean concentration of 500 and 1 ppm, respectively.

The mean concentrations of the dose preparation analyses for all levels ranged from 63.3% to 114% of the theoretical concentrations. These data indicate that the levels of N-methyl perfluorooctanesulfonamido ethanol (N-MeFOSE, T-6314) in the dose preparations were acceptable only for dose levels of 10, 30 100, and 500 ppm.

Clinical Observations and Survival

Clinical observations are summarized in Table 4; individual data are in Appendix 2. Individual animal fate data are also in Appendix 2.

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One animal given 500 ppm N-MeFOSE died on Day 25. This animal exhibited severe hepatocellular hypertrophy and moderately-severe liver necrosis at microscopic exam. All other animals survived to the scheduled sacrifice.

No clinical observations were noted that were considered effects of the test material.

Body Weights and Body Weight Changes

Body weight and body weight change data are summarized in Tables 5 and 6; individual data are in Appendix 3.

Although not statistically significant, animals given 1, 10, 30, or 100 ppm N-MeFOSE had lower mean body weights than those of controls for most of the study. Test material related lower body weight and body weight gains were noted for animals given 500 ppm. For males and females given 500 ppm, statistically lower body weights were apparent beginning on Days 8 and 11, respectively, and continuing through the end of study. Mean body weight gains for animals given 500 ppm were lower than those of control animals throughout the study.

Food Consumption

Food consumption data are summarized in Table 7; individual data are in Appendix 4.

Statistically test material related decreases in food consumption were noted in males given 500 ppm throughout the study and in females given 500 ppm beginning on Day 4 and continuing throughout the study. The overall mean food consumption for males fed the 100- or 500-ppm concentration was significantly reduced compared with that of the controls, and the overall mean food consumption for females fed the 500-ppm concentration was significantly reduced compared with that of the controls.

There were no significant food consumption differences noted in animals given 1, 10 or 30 ppm N-MeFOSE.

Test Material Consumption

Test material consumption data are summarized in Table 8. Individual data are in Appendix 4.

Animals were fed diets containing 1, 10, 30, 100, or 500 ppm N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314). The mean amounts of test material consumed by the animals in these groups were 0.087 to 0.140 mg/kg/day; 0.816 to 1.325 mg/kg/day; 2.432 to 4.030 mg/kg/day; 7.768 to 13.192 mg/kg/day; and 35.168 to 62.612 mg/kg/day for males, respectively. Values for females were 0.096 to 0.147 mg/kg/day; 0.848 to 1.399 mg/kg/day; 2.612 to 4.124 mg/kg/day; 8.485 to 13.802; and 38.527 to 62.217, respectively. The overall test material consumption ranged from 0.105 to 44.590 mg/kg/day for the males and 0.111 to 45.050 mg/kg/day for the females.

Serum Perfluorooctane Sulfonic Acid Level (PFOS) Determination

Results of serum PFOS level determination will be reported separately by the Sponsor.

Clinical Pathology

Hematology, coagulation, clinical chemistry and urinalysis data are summarized in Tables 9 through 11; individual data are in Appendix 5. The Pathology Report contains a discussion of the data.

Dietary administration of N-MeFOSE at a dose level of 500 ppm for approximately 4 weeks was associated with several effects on clinical pathology test results including moderately lower red blood cell count, hemoglobin, and hematocrit; lower absolute eosinophil count; mildly higher urea nitrogen; moderately higher albumin and mildly to moderately lower globulin; markedly lower cholesterol; mildly to moderately higher total bilirubin, aspartate aminotransferase, and alanine aminotransferase; and moderately higher hepatic palmitoyl-CoA oxidase. Of uncertain relationship to administration of N-MeFOSE were lower urine pH for males fed 500 ppm and small differences for animals fed 100 ppm including higher urea nitrogen, albumin, and alanine aminotransferase (males only) and lower cholesterol. Of the differences for animals fed 100 ppm, only the difference for alanine aminotransferase was statistically significant.

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Cell Proliferation Tissue Collection and Immunohistochemical Evaluation
Results of cell proliferation and immunohistochemical evaluation provided by Pathology Associates International are in Appendix 7.

Results of the cell proliferation evaluation will be provided by Pathology Associates International.

Liver PFOS Determination
Results of liver PFOS level determination will be reported separately by the Sponsor.

Anatomical Pathology
Terminal body weights, absolute organ weights, organ-to-body weight percentages, and organ-to-brain weight ratios are summarized in Tables 12 through 14; incidences of macroscopic and microscopic observations are summarized in Tables 15 and 16; the incidence of severity of microscopic observations is summarized in Table 17. Individual data are in Appendix 6. The Pathology Report contains a discussion of the data.

Mean absolute and relative (to brain and body) liver weights for all males and females given 100 and 500 ppm N-MeFOSE were significantly increased over control values, and these variations were regarded as treatment-related. All additional mean organ weights, which varied significantly from control values, were considered to be within the range or normal biologic variation, or were manifestations of slight weight loss associated with physiologic stress.

Treatment-related microscopic findings were restricted to the liver and consisted of minimal to severe centrilobular hepatocellular hypertrophy. Hypertrophic changes were slightly more severe in males; and at the high-dose level, liver cell swelling in several males was associated with acute necrosis. Necrosis was attributed to restricted blood supply (ischemia) from swollen liver cells rather than direct hepatocellular damage. Additional microscopic findings were consistent with common, spontaneous alterations in laboratory rats or changes associated with stress, nutritional deprivation, or tissue processing artifact.

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CONCLUSIONS

Based on the results of this study, dietary administration of N-MeFOSE, T-6314 to Crl:CD®(SD) IGS BR rats for at least 4 weeks resulted in adverse effects at a dose level of 500 ppm. The no-observable-adverse-effect level was determined to be 100 ppm.

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SIGNATURES

Nii van Bruce-Konuah
Study Coordinator
Covance Laboratories Inc.

July 5, 2000
Date

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

05 July 2000
Date

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PATHOLOGY REPORT

SUMMARY

The purpose of this study was to assess the toxicity of the test material, N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) when administered in the diet to rats for at least 4 weeks. The test material was administered at dose levels of 1, 10, 30, 100, and 500 ppm.

Dietary administration of N-MeFOSE at a dose level of 500 ppm for approximately 4 weeks was associated with several effects on clinical pathology test results including moderately lower red blood cell count, hemoglobin, and hematocrit; lower absolute eosinophil count; mildly higher urea nitrogen; moderately higher albumin and mildly to moderately lower globulin; markedly lower cholesterol; mildly to moderately higher total bilirubin, aspartate aminotransferase, and alanine aminotransferase; and moderately higher hepatic palmitoyl-CoA oxidase. Of uncertain relationship to administration of N-MeFOSE were lower urine pH for males fed 500 ppm and small differences for animals fed 100 ppm including higher urea nitrogen, albumin, and alanine aminotransferase (males only) and lower cholesterol. Of the differences for animals fed 100 ppm, only the difference for alanine aminotransferase was statistically significant.

Treatment-related microscopic findings were restricted to the liver and consisted of minimal to severe centrilobular hepatocellular hypertrophy. Hypertrophic changes were slightly more severe in males; and at the high-dose level, liver cell swelling in several males was associated with acute necrosis. Necrosis was attributed to restricted blood supply (ischemia) from swollen liver cells rather than direct hepatocellular damage. Additional microscopic findings were consistent with common, spontaneous alterations in laboratory rats or changes associated with stress, nutritional deprivation, or tissue processing artifact.

METHODS

Six groups of Crl:CD®(SD) IGS BR rats (six animals/sex/group) were fed diets containing the test material at a dose level of 0 (control group; fed basal diet only), 1, 10, 30, 100, or 500 ppm.

Before the schedule sacrifice and necropsy during Week 5, blood and urine were collected for hematology, clinical chemistry, and urinalysis tests. At necropsy, macroscopic observations were recorded, organ weights were obtained, and tissues were placed in fixative as specified by the protocol. In addition, samples of liver were collected for evaluation of hepatocellular proliferation (by Pathology Associates International), determination of hepatic palmitoyl-CoA oxidase activity (by Covance), and analysis for PFOS and metabolites (by the Sponsor). The animal that died on test was also necropsied, but organ weights and liver samples for the special analyses were not obtained. Microscopic examinations were done on the following tissues from each animal: adrenals, brain, eyes, kidneys, liver, mesenteric lymph node, pancreas, spleen, testes, ovaries, and lesions.

Statistically significant differences cited in the Results and Discussion section are based on comparisons between the control and treated groups.

RESULTS AND DISCUSSION

Mortality

Animal No. C94523 given 500 ppm N-MeFOSE died on Day 25. The remaining animals survived to the scheduled sacrifice.

Clinical Pathology

Individual values for hematology, clinical chemistry, urinalysis, and hepatic palmitoyl-CoA oxidase are in Appendix 5. Mean values for each group and the results of statistical comparisons are in Tables 9 through 11.

Week 5. There were several statistically significant or otherwise notable differences for clinical pathology results between control and treated animals; only one of the statistically significant differences affected animals fed less than 500 ppm. Differences considered to be effects of the test material were lower red blood cell count, hemoglobin, and hematocrit; lower absolute eosinophil count; higher urea nitrogen; higher albumin and lower globulin; lower cholesterol; higher total bilirubin, aspartate aminotransferase, and alanine aminotransferase; and higher hepatic palmitoyl-CoA oxidase. With the exception of lower globulin and higher aspartate aminotransferase for the females, these differences were statistically significant. Of uncertain relationship to administration of N-MeFOSE were lower urine pH for males fed 500 ppm and small differences for animals fed 100 ppm including higher urea nitrogen, albumin, and alanine aminotransferase (males only) and lower cholesterol. Of the differences for animals fed 100 ppm, only the minor difference for alanine aminotransferase was statistically significant. At dose levels below 100 ppm, clinical pathology results were unaffected by treatment.

The effects on the erythrocyte parameters (moderately decreased), eosinophil count (decreased), and globulin (mildly to moderately decreased) were consistent with animals in relatively poor health, failing to gain weight appropriately. Mildly higher urea nitrogen and moderately higher albumin were most consistent with mild dehydration and indicated the effects on other parameters (e.g., the erythrocyte parameters) might have been greater if the animals were normovolemic. The mild to moderate effects on alanine aminotransferase, aspartate aminotransferase, and total bilirubin were indicative of the hepatocellular degeneration. The effect on cholesterol was marked, but the mechanism for change was not apparent. Moderately higher hepatic palmitoyl-CoA oxidase was indicative of peroxisomal proliferation.

Anatomical Pathology

Individual anatomical pathology data are in Appendix 6. Individual absolute organ weights, organ-to-body weight percentages, and organ-to-brain weight ratios are also in Appendix 6. Mean values for absolute and relative organ weights for each group are in Tables 12 through 14. Incidence summaries of the macroscopic and microscopic observations are in Tables 15 and 16; the incidence of severity of selected microscopic observations is summarized in Table 17.

Unscheduled Death. Animal No. C94523 given 500 ppm N-MeFOSE died on Day 25. Microscopically, this animal exhibited severe hepatocellular hypertrophy and moderately-severe liver necrosis.

Terminal Sacrifice

Organ Weights. Mean absolute and relative (to brain and body) liver weights for all males and females given 100 and 500 ppm N-MeFOSE were significantly increased over control values, and these variations were regarded as treatment-related. All additional mean organ weights, which varied significantly from control values, were considered to be within the range or normal biologic variation, or were manifestations of slight weight loss associated with physiologic stress.

Macroscopic Observations. Treatment-related, gross changes were restricted to the liver and stomach of males given 500 ppm N-MeFOSE. Animal Nos. C94521 and C94522 displayed enlarged livers, and in Animal No. C94522, hepatic enlargement was associated with discoloration (diffusely brown with light areas). Microscopically, liver changes were attributed to hepatocellular hypertrophy and necrosis. In addition to liver changes, dark or red mucosal areas were present in the glandular stomach of Animal Nos. C94521 and C94526 given 500 ppm N-MeFOSE and in the glandular stomach of one control male (Animal No. C94493). Gastric areas were compatible with early "stress" erosions or ulcers.

Microscopic Observations. Treatment-related microscopic changes were restricted to the liver of both sexes and consisted of hypertrophy (swelling) of liver cells in centrilobular regions of the hepatic lobules. Occasionally, hypertrophic liver cells were associated with acute hepatic necrosis. Hepatocellular hypertrophy was not observed in controls or in animals given 1 or 10 ppm N-MeFOSE. At higher dose levels, hypertrophic changes were slightly more prevalent and severe in males, and at dose levels of 30, 100, and 500 ppm N-MeFOSE, all males displayed minimal to slight, moderate to moderately-severe, and moderately-severe to severe liver cell hypertrophy, respectively. Liver cell hypertrophy was not observed in females given 30 ppm N-MeFOSE; however, at dose levels of 100 and 500 ppm N-MeFOSE, hepatocellular hypertrophy in females ranged from slight to moderate and from moderate to moderately-severe, respectively. Hepatocellular hypertrophy in both sexes was compatible with the proliferation of

cytoplasmic smooth endoplasmic reticulum. Although at lower doses hypertrophy was restricted to centrilobular regions, at the high-dose level, hypertrophic hepatocytes often extended into panlobular regions.

In addition to hypertrophic changes, moderate liver cell necrosis was observed in two males given 500 ppm. Necrosis was attributed to local ischemia associated with liver cell swelling and occlusion of regional blood supplies. Minimal hepatic necrosis in one of six males given 10 or 100 ppm and in one of six females given 30 ppm was consistent with common hepatic alterations in laboratory rats. All other microscopic findings were consistent with common spontaneous alterations in laboratory rats, including changes related to stress, nutritional status or tissue processing artifact.

Robert L. Hall

Robert L. Hall, DVM, PhD
Diplomate, ACVP
(Clinical Pathology)

July 5, 2000
Date

Richard H. Bruner

Richard H. Bruner, DVM
Diplomate, ACVP
Pathology Associates International

July 3, 2000
Date

COMMENTS ON THE DATA

Various models of calculators, computers, and computer programs were used to analyze data in this study. Because different models round off or truncate numbers differently, values in some tables (e.g., means, standard deviations, or individual values) may differ slightly from those in other tables, from individually calculated data, or from statistical analysis data. Neither the integrity nor the interpretation of the data was affected by these differences.

The number of animals listed in the heading of the summary tables for clinical observations reflects the number of animals assigned to each group at the start of the study.

The summary table for clinical observations indicate the number of animals for which a condition was observed without regard to the specific nature, severity, reversibility, number of incidences/animal, or the length of time the condition persisted.

Only observations other than normal are indicated on the summary clinical observations tables.

Each animal with observations recorded as "Normal" throughout the study has the comment "Animal has no significant findings" indicated on the individual clinical observations tables.

The specific details for comments in the individual clinical observations tables that are indicated with a "C" can be found at the end of each group for each sex.

The day of initiation of treatment is "Day 1, Week 1." Body weight data are entered at the start of a study week (e.g., a body weight recorded on Day 1 is considered a Week 1 body weight, a body weight recorded on Day 8 is considered a Week 2 body weight). Body weight change data are calculated from the first day of the study week to the first day of the following study week (e.g., Week 1 values are calculated from Day 1 through 7) and are indicated in the tables with the day being the first day of the following week (e.g., Week 1 values are indicated as "Day 8"). Weekly food consumption and test material consumption are calculated from the first day of the study week to the first day of the following study week (e.g., Week 1 values are calculated from Day 1 through 7).

The values for summary and individual test material consumption are reported with more significant figures than is appropriate for the data due to limitations of the data collection and reporting software.

COMMENTS ON THE DATA (Continued)

Diet test material concentrations provided by the data collection system (PTS) are calculated to the nearest 0.1 ppm. These values are used for calculation of test material consumption. For diet preparation purposes, the values are rounded to the appropriate accuracy for the balance used.

Food consumption values are reported in whole numbers; however, PTS carries food consumption values to one place to the right of the decimal for test material consumption calculations. The differences in values generated do not influence the interpretation of the calculation.

The comment "SPILLED" on individual food consumption data tables indicates that food consumption was not recorded due to spillage during the interval.

The comment "NOT TAKEN" on individual food consumption data tables indicates the animal died before the end of the food consumption interval.

Differences in the population size (N) on the summary tables for clinical and anatomical pathology are explained on the individual data tables or the codes sheets.

The calculation for individual test material consumption is:

Test material consumption =

$$\frac{\text{Diet Concentration} \times \text{Food Consumption}}{\text{Food Consumption Interval} \times [\text{First Body Weight of Interval} + (\text{Daily Body Weight Gain} \times \text{Day Factor})]}$$

where: Daily Body Weight Gain =

$$\frac{\text{Last Body Weight of Interval} - \text{First Body Weight of Interval}}{\text{Day of Last Body Weight of Interval} - \text{Day of First Body Weight of Interval}}$$

and: Day Factor =

$$(\text{Food Consumption Start Day} - \text{Day of First Body Weight of Interval}) + \frac{\text{Food Consumption Interval}}{2}$$

and: Food Consumption Interval =

$$\text{Food Consumption End Day} - \text{Food Consumption Start Day}$$

On pages 4 and 7 of the protocol, the test material is indicated as MeFOS, T-6314 instead of MeFOSE, T-6314.

000598

CODES, ABBREVIATIONS, AND UNITS

General Codes and Abbreviations
Codes for Clinical Pathology
Abbreviations and Units for Clinical Hematology
Abbreviations and Units for Clinical Chemistry
Abbreviations and Units for Clinical Urinalysis
Codes for Anatomical Pathology

Note: The following lists of codes, abbreviations, and units are used by Covance. Some, but not necessarily all, of this information may be needed for this report.

General Codes and Abbreviations

WK	Week.
N	Number of measurements in a group.
Mean; MEAN	Arithmetic mean.
SD; S.D.; STAND DEV; STANDARD DEV; sd	Standard deviation.
*	Group mean is significantly different from the mean of the control group (Group 1) at $p \leq 0.05$.
-; NA	No value; not applicable; not present.
P	Present.
C	Comment found at the end of each group for each sex.
UNSCHED	Unscheduled.
DISPATCH	Observations transferred from the in-life module of the data collection system to the necropsy module for reference during necropsy. Observations are duplicates of the last in-life observations.
TBW	Terminal body weight.
#	Number.
CO	Clinical observation.

000600

Codes for Clinical Pathology

GENERAL CODES

NS	No sample
QS/QNS	Quantity not sufficient
NR	No repeat (sample volume not sufficient for repeat analysis)
FS	Fibrin strands
SC	Sample clotted
SH	Slightly hemolyzed
H	Hemolyzed
SL	Slightly lipemic
L	Lipemic
SI	Slightly icteric
I	Icteric
NF	Animal not fasted
U	Unscheduled/moribund bleed
DT/DOT	Animal died on test
DB	Died during bleeding
TJ	Technician judgment to repeat test
TE	Technical error (instrument or technician error that results in unacceptable data, e.g., unacceptable instrument output, sample spilled, entry of invalid data)
RE	Recording error (recorded incorrect data, e.g., wrong number, spelling error, incorrect date)
EE	Entry error (incorrect keyboard entry)
SE	Sampling error
PC	Platelets clumped
PD	Platelets decreased
PI	Platelets increased
PL	Platelets large
PA	Platelets appear adequate
CO	Color interferes with test
HB	Heinz bodies observed
PLASMO	Plasmodium
NO AGG	No aggregation
FR	Fractious
UTD	Unable to determine
NO COAG	No coagulation

Codes for Clinical Pathology (Continued)

RESULTS NOT INCLUDED IN STATISTICAL ANALYSES

Hemolyzed clinical chemistry or coagulation samples
Samples from animals at unscheduled intervals
Prothrombin times (PT) greater than 50 seconds
Activated partial thromboplastin times (PTT) greater than 110 seconds
Bleed times (BLETIME) greater than 30 minutes

CODES FOR BLOOD CELL MORPHOLOGY

The following scale was used to measure the degree of anisocytosis (ANISO), poikilocytosis (POIK), polychromasia (POLY), hypochromasia (HYPO), or basophilic stippling (BASTIP) or the presence of Howell-Jolly bodies (HJBODY), toxic neutrophils (TOXNEUT), or atypical lymphocytes (ATYPLYM):

Scale	Degree	Presence
-	Normal for the species	Not present
1	Slight	Rare
2	Moderate	Few
3	Marked	Moderate
4	Not applicable	Many

URINE APPEARANCE

Color			Clarity	Miscellaneous
A Pale	E Amber	I Black	J Clear	M Debris
B Straw	F Brown	P Blue/green	K Hazy	O Feces
C Yellow	G Red	Q Blue	L Cloudy	
D Dark yellow	H Green	R Orange		

Codes for Clinical Pathology (Continued)

URINE CHEMISTRY MULTISTIX® STRIP

Urine Glucose		Urine Ketone		Urine Blood	
-	Negative	-	Negative	-	Negative
+	100 mg/dL	+	5 mg/dL	+	Small
++	250 mg/dL	++	15 mg/dL	++	Moderate
+++	500 mg/dL	+++	40 mg/dL	+++	Large
++++	1,000 mg/dL	++++	80 mg/dL		
+++++	≥2,000 mg/dL	+++++	160 mg/dL		

Urine Urobilinogen		Urine Bilirubin	
-	0.2 mg/dL	-	Negative
+	1 mg/dL	+	Small
++	2 mg/dL	++	Moderate
+++	4 mg/dL	+++	Large
++++	8 mg/dL		

(1 mg = approximately 1 Ehrlich unit)

URINE SEDIMENT

Cells, Crystals, Casts, and Comments				Bacteria	
A	Amorphous urates	Q	Sperm	0	Not present
B	Amorphous phosphates	R	Fecal contamination	1	Few
C	Uric acid	S	Pinworm ova found	2	Moderate
D	Triple phosphates	T	Pinworm larvae found	3	Many
E	Calcium oxalate	U	Parasite ova found		
F	Calcium carbonate				
G	Granular casts				
H	Hyaline casts	0	Not present		
I	Cellular casts	1	1-5 per field		
J	Waxy casts	2	6-10 per field		
K	Unknown crystal	3	11-20 per field		
P	Mucous threads	4	>20 per field		

Abbreviations and Units for Clinical Hematology

Test	Abbreviation (Units)
Red blood cell count	RBC (E6/UL or $X10^6/\mu L$)
Hemoglobin	HGB (G/DL)
Hematocrit	HCT (%)
Mean corpuscular volume	MCV (FL)
Mean corpuscular hemoglobin	MCH (PG)
Mean corpuscular hemoglobin concentration	MCHC (%)
Platelet count	PLT (E3/UL or $X10^3/\mu L$)
Mean platelet volume	MPV (FL)
Reticulocyte count	RETIC (%)
Absolute reticulocyte count	RETIC (E3/UL or $X10^3/\mu L$)
Heinz body count	HEINZ (%)
Erythrocyte sedimentation rate	ESR (MM/HR)
Prothrombin time	PT (SEC)
Activated partial thromboplastin time	PTT (SEC)
Thrombin time	TT (SEC)
Activated coagulation time	ACT (SEC)
Fibrinogen	FBR (MG/DL)
Fibrin/fibrinogen degradation products	FDP (UG/ML)
Platelet aggregation	
Collagen	PAGG/COL (%)
Adenosine diphosphate	PAGG/ADP (%)
Alpha 2-antiplasmin	ANTIPLAS (%)
Bleeding time	BLE TIME (SEC)
Methemoglobin	METHGB (%)
Plasma hemoglobin	PLA HGB (MG/DL)
Myeloid/erythroid ratio	M/E RATIO
Estimated myeloid/erythroid ratio	EST M/E RATIO
White blood cell count	WBC (E3/UL or $X10^3/\mu L$)
Differential blood cell count	
Nucleated red blood cell count	NRBC (/100 WBC)
Corrected white blood cell count	COR WBC (E3/UL or $X10^3/\mu L$)
Segmented neutrophil count	N-SEG (E3/UL or $X10^3/\mu L$) and %
Band neutrophil count	N-BAND (E3/UL or $X10^3/\mu L$) and %
Lymphocyte count	LYMPH (E3/UL or $X10^3/\mu L$) and %
Monocyte count	MONO (E3/UL or $X10^3/\mu L$) and %
Eosinophil count	EOSIN (E3/UL or $X10^3/\mu L$) and %
Basophil count	BASO (E3/UL or $X10^3/\mu L$) and %
Anisocytosis	ANISO (-,1,2,3)
Polychromasia	POLY (-,1,2,3)

000604

Abbreviations and Units for Clinical Hematology (Continued)

Test	Abbreviation (Units)
Poikilocytosis	POIK (-,1,2,3)
Hypochromasia	HYPO (-,1,2,3)
Howell-Jolly bodies	HJBODY (-,1,2,3,4)
Basophilic stippling	BASTIP (-,1,2,3)
Toxic neutrophils	TOXNEUT (-,1,2,3,4)
Atypical lymphocytes	ATYPLYM (-,1,2,3,4)
Aqueous white blood cell count (right eye)	R EYE (WBC/UL)
Aqueous white blood cell count (left eye)	L EYE (WBC/UL)

000605

Abbreviations and Units for Clinical Chemistry

Test	Abbreviation (Units)
Glucose	GLU (MG/DL)
Urea nitrogen	UN (MG/DL)
Urea	UREA (MG/DL)
Creatinine	CREAT (MG/DL)
Total protein	T PRO (G/DL)
Albumin	ALB (G/DL)
Globulin	GLOB (G/DL)
Albumin/globulin ratio	A/G RATIO
Total bilirubin	T BILI (MG/DL)
Direct bilirubin	D BILI (MG/DL)
Indirect bilirubin	I BILI (MG/DL)
Cholesterol	CHOL (MG/DL)
Triglyceride	TRIG (MG/DL)
Urea nitrogen/creatinine ratio	UN/CREAT (RATIO)
Total lipids	T LIPIDS (MG/DL)
Phospholipids	P LIPIDS (MG/DL)
High-density lipoprotein cholesterol	HDL (MG/DL)
Low-density lipoprotein cholesterol	LDL (MG/DL)
Uric acid	UA (MG/DL)
Aspartate aminotransferase	AST/SGOT (IU/L)
Alanine aminotransferase	ALT/SGPT (IU/L)
Alkaline phosphatase	ALK PHOS (IU/L)
Gamma glutamyl transferase	GGT (IU/L)
Sorbitol dehydrogenase	SDH (IU/L)
Lactate dehydrogenase	LDH (IU/L)
Creatine kinase	CK (IU/L)
Amylase	AMYLASE (IU/L)
Lipase	LIPASE (IU/L)
Palmitoyl CoA oxidase	PCOAO (IU/G)
Calcium	CA (MG/DL)
Ionized calcium	ION CA (MG/DL)
Inorganic phosphorus	I PHOS (MG/DL)
Sodium	NA (MMOL/L)
Potassium	K (MMOL/L)
Chloride	CL (MMOL/L)
Magnesium	MG (MEQ/L or MG/DL)
Zinc	ZN (MG/L or PPM)
Strontium	SR (MG/L or PPM)
Iron	FE (UG/DL)

Abbreviations and Units for Clinical Chemistry (Continued)

Test	Abbreviation (Units)
Excess iron	EX FE (UG/DL)
Total iron binding capacity	TIBC (UG/DL)
Unbound iron binding capacity	UIBC (UG/DL)
Percent iron saturation	FE %SAT (%)
Plasma cholinesterase	CHEP (MU/ML)
Red blood cell cholinesterase	CHER (MU/ML)
Brain cholinesterase	CHEB (MU/ML)
Caudate putamen	CAUD PUT (UMOL/G)
Hippocampus	HIPPOCAM (UMOL/G)
Frontal cortex	F CORTEX (UMOL/G)
Cerebellum	CEREBELL (UMOL/G)
Bicarbonate	BICARB (MMOL/L)
Serum hemoglobin	SER HGB (MG/DL)
Serum bile acids	SBA (UMOL/L or MG/DL)
Fecal bile acids	FBA (UG/ML)
Average fecal weight	FCC WGT (G)
Fecal bile acids (calculation)	FBA (MG/Day)
Osmolality	OSMO (MOSM/KG)
Electrophoresis	
Albumin	E ALB (G/DL)
Alpha-1-globulin	E A-1 (G/DL)
Alpha-2-globulin	E A-2 (G/DL)
Beta globulin	E BETA (G/DL)
Gamma globulin	E GAMMA (G/DL)
High-density lipoprotein	E-HDL (%)
Low-density lipoprotein	E-LDL (%)
Very-low-density lipoprotein	E-VLDL (%)
Insulin	INSULIN (UU/ML)
Adrenocorticotropic hormone	ACTH (PG/ML)
Cortisol	CORTISOL (UG/ML)
Glucagon	GLUCAGON (PG/ML)
Triiodothyronine	T3 (NG/DL)
Thyroxine	T4 (UG/DL)
Creatine kinase isoenzymes	
BB	CK-BB (U/L)
MB	CK-MB (U/L)
MM	CK-MM (U/L)

Abbreviations and Units for Clinical Urinalysis

Test	Abbreviation (Units)
Urine volume	U VOL (ML)
8 hour urine volume	8 HR VOL (ML)
Specific gravity	SP GR
Urine osmolality	U OSMO (MOSM/KG)
Quantitative urinary/cerebrospinal fluid protein	QUAN PRO (MG/DL)
Urine protein excretion	PRO EXC (MG)
Urine chemistry Multistix® strip	
Urine pH	U PH
Urine protein	U PRO (MG/DL)
Urine glucose	U GLU
Urine ketones	U KET
Urine bilirubin	U BILI
Urine blood	U BLOOD
Urine urobilinogen	UROBILI
Urine reducing substances	U RE SUB
Microscopic examination of urine sediment	
Red blood cells per high-power field	RBC (PER HPF)
White blood cells per high-power field	WBC (PER HPF)
Epithelial cells per high-power field	EPITH (PER HPF)
Bacteria per high-power field	BACT (PER HPF)
Casts per low-power field	CASTS (PER LPF)
Crystals per low-power field	CRYSTALS (PER LPF1 or PER LPF2)
Urine appearance	URINE APP1 or URINE APP2
Comments	COMMENTS

Miscellaneous Codes and Abbreviations for Clinical Pathology

Fecal occult blood	Not applicable
Fecal parasite detection	Not applicable
Hemolytic potential	Not applicable
Osmolality	OSMO (MOSM/KG)

Codes for Anatomical Pathology

Code	Definition

ANIMAL DEATH CODES

T	Terminal sacrifice
D	Found dead

MACROSCOPIC CODES

EX	Indicates that organ weight is excluded from calculations
NOT TAKEN	Organ weight not taken; explanation given in necropsy notes
MISSING	Organ missing or lost
UNSUITABLE	Organ technically unsuitable for weighing
AUTOLYTIC	Organ autolyzed and could not be weighed
EXCLUDE	Weight was taken, but was excluded from all calculations

MICROSCOPIC CODES

Codes Prefacing Neoplastic Findings

B-	Primary, benign neoplasm
M-	Primary, malignant neoplasm
N-	Metastatic neoplasm
I-	Locally invasive neoplasm
X-	Other neoplasm

Code	Definition

Distribution of Findings

Focal
Diffuse
Multifocal

Codes for Anatomical Pathology (Continued)

Grades for Severity or Amount

1	Minimal - the least amount of change that can be observed with the light microscope
2	Slight - less than average amount of change, but readily discernible as abnormal
3	Moderate - the average amount of change that is expected for a lesion
4	Moderately severe (marked) - a marked amount of change with possible loss of function of the affected cells or organs
5	Severe - a great amount of change with probable loss of function of the affected cell or organs and frequently involves large areas of the organ

Other Microscopic Codes

TL	Total
P	Finding present
-	Finding not present
MN	Mean

TISSUE ABBREVIATIONS

Abbreviation	Definition
LN	Lymph node
GL	Gland
STOMACH, GL	Glandular stomach
STOMACH, NONGL	Nonglandular
SALIV GL, MANDIB	Mandibular salivary gland
LN, ANT MES/PANC	Anterior mesenteric/pancreatic lymph node
AUDITORY SEB GL	Auditory sebaceous gland
LACRIMAL GLAND, EX	Exorbital lacrimal gland
HEMATO NEOPLASIA	Hematopoietic neoplasia
LACRIMAL GL, INT	Internal lacrimal gland
CAVITY, ABDOM	Abdominal cavity
SALIV GL,PAROTID	Parotid salivary gland
LN, TRACHEOBRON	Tracheobronchial lymph node
CATHETER EXIT	Catheterization site: exit site from the body
CATHETER ENTRANC	Catheterization site: entrance site into the vessel
CATHETER EXIT	Catheterization site: tissues (vascular or extravascular) associated with the catheter near its tip

Table 1

Results of Homogeneity Analyses (ppm)
Mixed 5/19/98

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

		T-6314 (ppm)				
Sample Location	Replicate	1	10	30	100	500
Top	1	1.17	10.3	26.7	92.6	481
	2	1.07	9.27	27.7	93.6	481
	3	1.12	9.20	29.9	97.0	481
	Mean	1.12 (112)[a]	9.59 (95.9)	28.1 (93.7)	94.4 (94.4)	481 (96.2)
Middle	1	1.36	9.48	30.6	95.4	511
	2	1.35	10.4	27.5	96.2	482
	3	1.25	9.71	29.3	95.9	522
	Mean	1.32 (132)	9.86 (98.6)	29.1 (97.0)	95.8 (95.8)	505 (101)
Bottom	1	1.89	10.6	26.7	93.3	477
	2	1.21	10.9	28.7	92.2	468
	3	1.19	9.13	30.0	97.8	466
	Mean	1.43 (143)	10.2 (102)	28.5 (95.0)	94.4 (94.4)	470 (94.0)

a Each value in parenthesis is the percent of theoretical.

0006411

Table 1 (Continued)

Results of Homogeneity Analyses (ppm)
Mixed 6/11/98

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Sample Location	Replicate	T-6314 (ppm) 1
Top	1	1.10
	2	1.22
	3	1.23
	Mean	1.18 (118)[a]
Top[b]	1	1.23
	2	1.15
	3	1.10
	Mean	1.16 (116)
Middle	1	2.91
	2	1.40
	3	3.73
	Mean	2.68 (268)
Middle[b]	1	1.15
	2	1.11
	3	1.16
	Mean	1.14 (114)
Bottom	1	1.20
	2	1.45
	3	1.21
	Mean	1.29 (129)
Bottom[b]	1	1.01
	2	0.986
	3	1.06
	Mean	1.02 (102)

a Each value in parenthesis is the percent of theoretical.
b Reassay.

000612

Table 2

Results of Stability Analyses (ppm)
Mixed 5/19/98

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Storage Conditions	Replicate	T-6314 (ppm) 1	500
Initial	1	1.36	511
	2	1.35	482
	3	1.25	522
	Mean	1.32 (132)[a]	505 (101)
At least 19 days, room temperature,	1	-	457
	2	-	444
	Mean	-	451 (90.2)
At least 32 days, room temperature	1	-	420
	2	-	414
	Mean	-	417 (83.4)
8 weeks, frozen	1	-	494
	2	-	477
	Mean	-	486 (97.2)
62 days, room temperature	1	-	304
	2	-	402
	Mean	-	353 (70.6)

a Each value in parentheses is the percent of theoretical.

000613

Table 2 (Continued)

Results of Stability Analyses (ppm)
Mixed 6/30/98

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

		T-6314 (ppm)
Storage Conditions	Replicate	1
Initial	1	0.777
	2	0.674
	Mean	0.726 (72.6)[a]

a Each value in parenthesis is the percent of theoretical.

000614

Table 3

Results of Dose Preparation Analyses (ppm)

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

		T-6314 (ppm)					
Week	Replicate	0	1	10	30	100	500
1-4[a]	1	b	2.91	10.0	25.6	90.1	485
	2	b	1.40	8.42	25.7	93.3	487
	3	-	3.73	-	-	-	-
	Mean	-	2.68 (268)[c]	9.21 (92.1)	25.7 (85.7)	91.7 (91.7)	486 (97.2)
1-4[a,d]	1	-	1.15	-	-	-	-
	2	-	1.11	-	-	-	-
	3	-	1.16	-	-	-	-
	Mean	-	1.14 (114)	-	-	-	-
4	1	b	0.777	10.0	29.3	91.1	488
	2	b	0.674	9.27	25.3	89.9	482
	Mean	-	0.726 (72.6)	9.64 (96.4)	27.3 (91.0)	90.5 (90.5)	485 (97.0)

a Results for the 1 ppm levels were derived from the sample collected from the middle of the dose preparations for homogeneity analysis.
b Below the limit of quantitation (<0.5 ppm).
c Each value in parenthesis is the percent of theoretical.
d reassay.

0000615

Table 3 (Continued)

Results of Dose Preparation Analyses (ppm)

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

		T-6314 (ppm)					
Week	Replicate	0	1	10	30	100	500
4[d]	1	-	0.615	-	23.2	-	-
	2	-	0.651	-	23.9	-	-
	Mean	-	0.633 (63.3)[c]	-	23.6 (78.7)	-	-

c Each value in parenthesis is the percent of theoretical.
d reassay.

000616

Table 4

Summary of Clinical Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DAYS 1-32		NUMBER OF ANIMALS AFFECTED					
	SEX:	MALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
CATEGORY KEYWORD QUALIFIER	NUMBER:	6	6	6	6	6	6
*** TOP OF LIST ***							
SKIN & PELAGE							
SORE/SCAB							
DORSAL-THORACIC-LEFT		0	0	1	0	0	0
DORSAL-THORACIC-RIGHT		0	0	1	0	0	0
*** END OF LIST ***							

0006417

Table 5

Summary of Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
1	N	6	6	6	6	6	6
	MEAN	169	167	170	166	168	164
	S.D.	11.2	13.1	13.4	14.7	14.6	11.4
4	N	6	6	6	6	6	6
	MEAN	193	192	192	188	189	177
	S.D.	11.4	14.1	14.5	15.5	15.5	10.5
8	N	6	6	6	6	6	6
	MEAN	228	225	227	221	221	195*
	S.D.	13.3	15.8	17.5	20.7	16.3	8.3
11	N	6	6	6	6	6	6
	MEAN	251	248	252	245	242	211*
	S.D.	14.8	17.0	18.1	19.5	14.4	9.9
15	N	6	6	6	6	6	6
	MEAN	281	279	280	271	271	224*
	S.D.	15.7	17.6	19.6	21.4	14.7	6.8
18	N	6	6	6	6	6	6
	MEAN	300	297	299	286	286	236*
	S.D.	18.2	18.1	21.0	24.3	16.5	10.7
22	N	6	6	6	6	6	6
	MEAN	329	324	327	313	312	243*
	S.D.	20.8	22.3	23.9	28.3	14.5	16.0

000618

Table 5

Summary of Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
25	N	6	6	6	6	6	5
	MEAN	347	342	343	328	327	251*
	S.D.	24.4	23.4	23.1	30.5	13.8	17.8
29	N	6	6	6	6	6	5
	MEAN	367	359	362	350	344	258*
	S.D.	29.3	24.6	25.9	32.8	15.7	15.7
32	N	6	6	6	6	6	5
	MEAN	352	347	348	334	329	238*
	S.D.	29.0	24.9	26.4	32.0	14.6	12.8

0006619

Table 5

Summary of Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	FEMALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
1	N	6	6	6	6	6	6
	MEAN	137	132	135	135	132	135
	S.D.	11.7	7.5	16.0	11.2	12.0	12.4
4	N	6	6	6	6	6	6
	MEAN	152	150	151	147	147	138
	S.D.	12.5	8.9	20.5	13.3	13.7	8.7
8	N	6	6	6	6	6	6
	MEAN	172	167	168	166	162	148
	S.D.	12.4	8.6	19.5	13.5	15.1	8.7
11	N	6	6	6	6	6	6
	MEAN	183	175	178	177	173	155*
	S.D.	11.9	6.7	22.3	14.3	15.7	9.7
15	N	6	6	6	6	6	6
	MEAN	196	187	193	190	183	162*
	S.D.	13.6	9.1	27.1	16.2	16.7	12.0
18	N	6	6	6	6	6	6
	MEAN	201	197	199	195	189	164*
	S.D.	14.8	9.1	26.1	16.8	16.8	12.8
22	N	6	6	6	6	6	6
	MEAN	216	210	209	208	201	171*
	S.D.	15.7	10.4	28.8	20.3	15.6	13.3

0006220

Table 5

Summary of Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	FEMALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
25	N	6	6	6	6	6	6
	MEAN	225	218	218	217	206	174*
	S.D.	17.9	11.2	32.3	20.8	16.7	14.3
29	N	6	6	6	6	6	6
	MEAN	237	230	226	227	215	178*
	S.D.	18.5	12.7	34.4	22.2	16.1	16.0
32	N	6	6	6	6	6	6
	MEAN	223	215	214	213	202	164*
	S.D.	18.7	11.3	31.7	20.8	13.7	13.8

0006621

Table 6

Summary of Body Weight Change Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
1-4	N	6	6	6	6	6	6
	MEAN	24	24	22	22	21	13*
	S.D.	1.9	1.6	1.7	2.2	2.1	5.0
4-8	N	6	6	6	6	6	6
	MEAN	34	33	35	33	32	19*
	S.D.	3.5	3.2	4.5	5.9	2.5	5.1
8-11	N	6	6	6	6	6	6
	MEAN	23	24	25	24	22	16*
	S.D.	4.1	2.3	2.1	2.0	3.3	3.1
11-15	N	6	6	6	6	6	6
	MEAN	31	30	28	26	29	13*
	S.D.	5.4	4.0	5.1	3.0	2.4	3.8
15-18	N	6	6	6	6	6	6
	MEAN	19	19	19	15	15	12*
	S.D.	3.8	2.1	2.1	3.7	2.7	5.5
18-22	N	6	6	6	6	6	6
	MEAN	29	26	29	27	26	8*
	S.D.	4.8	5.9	3.7	4.9	3.0	8.5
22-25	N	6	6	6	6	6	5
	MEAN	18	18	16	15	15	7*
	S.D.	4.3	3.3	2.9	4.0	1.4	1.9

229000

Table 6

Summary of Body Weight Change Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
25-29	N	6	6	6	6	6	5
	MEAN	20	18	19	22	16	7*
	S.D.	5.5	4.5	4.5	3.0	2.6	4.1
29-32	N	6	6	6	6	6	5
	MEAN	-15	-13	-14	-15	-15	-21*
	S.D.	2.2	3.1	2.5	2.7	3.1	3.8
1-32	N	6	6	6	6	6	5
	MEAN	183	179	178	168	161	75*
	S.D.	26.2	18.9	18.0	21.5	8.8	4.8

0006623

Table 6

Summary of Body Weight Change Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	FEMALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
1-4	N	6	6	6	6	6	6
	MEAN	15	18	16	13	15	3*
	S.D.	1.8	4.4	5.6	5.4	4.7	5.6
4-8	N	6	6	6	6	6	6
	MEAN	20	17	17	19	15*	10*
	S.D.	1.4	1.6	2.4	1.0	2.2	3.1
8-11	N	6	6	6	6	6	6
	MEAN	11	8	10	11	10	7
	S.D.	2.7	3.7	7.7	2.8	2.3	3.5
11-15	N	6	6	6	6	6	6
	MEAN	13	12	15	13	10	7*
	S.D.	3.5	3.2	8.8	2.4	1.5	3.5
15-18	N	6	6	6	6	6	6
	MEAN	5	10	6	6	6	2
	S.D.	2.7	1.3	7.3	1.4	2.1	4.5
18-22	N	6	6	6	6	6	6
	MEAN	15	14	10	13	12	7*
	S.D.	4.7	2.7	3.7	4.0	2.8	3.1
22-25	N	6	6	6	6	6	6
	MEAN	10	8	10	9	6	4
	S.D.	5.2	3.1	4.3	3.2	2.2	4.2

0006224

Table 6

Summary of Body Weight Change Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	FEMALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
25-29	N	6	6	6	6	6	6
	MEAN	12	12	8	10	9	4*
	S.D.	3.3	4.1	3.0	2.0	3.3	3.2
29-32	N	6	6	6	6	6	6
	MEAN	-14	-15	-12	-15	-13	-14
	S.D.	3.7	2.0	6.8	2.2	2.9	3.1
1-32	N	6	6	6	6	6	6
	MEAN	86	83	79	78	70	29*
	S.D.	10.4	6.9	19.5	14.3	5.8	12.7

000625

Table 7

Summary of Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
1	N	6	6	6	6	6	6
	MEAN	76	76	72	71	71	64*
	S.D.	5.5	7.3	4.3	4.2	5.8	3.8
4	N	6	6	6	6	6	6
	MEAN	102	102	100	96	94	74*
	S.D.	6.3	8.4	6.5	7.9	7.6	6.9
8	N	6	6	6	6	6	6
	MEAN	80	80	80	77	73	60*
	S.D.	7.1	7.2	4.4	4.2	4.7	5.1
11	N	6	6	6	6	6	6
	MEAN	108	109	105	101	100	75*
	S.D.	9.3	9.0	8.0	6.8	7.7	4.9
15	N	6	6	6	6	6	6
	MEAN	81	82	80	73	74	59*
	S.D.	7.7	7.1	5.2	6.5	5.6	3.8
18	N	6	6	6	6	6	6
	MEAN	108	108	105	100	98	68*
	S.D.	8.9	10.9	6.7	8.4	6.1	7.1
22	N	6	6	6	6	6	5
	MEAN	88	89	87	80	78	54*
	S.D.	8.5	7.0	6.3	5.0	4.4	8.7

0006226

Table 7

Summary of Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
25	N	5	6	6	6	6	5
	MEAN	122	132	115	110	104	72*
	S.D.	9.6	28.6	9.5	10.6	8.8	4.2
1-25	N	5	6	6	6	6	5
	MEAN	777	777	742	707	692*	525*
	S.D.	46.2	59.5	47.5	50.6	47.9	23.0

229000

Table 7

Summary of Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	FEMALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
1	N	6	6	6	6	6	6
	MEAN	61	62	60	58	58	51
	S.D.	7.1	5.2	10.2	6.9	3.8	6.2
4	N	6	6	6	6	6	6
	MEAN	77	78	74	76	72	53*
	S.D.	8.4	2.8	10.9	6.9	3.4	5.8
8	N	6	6	6	6	6	6
	MEAN	58	58	56	58	56	45*
	S.D.	5.2	2.8	10.4	5.5	2.7	2.9
11	N	6	6	6	6	6	5
	MEAN	80	79	77	76	72	55*
	S.D.	4.7	5.9	15.8	7.6	4.0	7.3
15	N	6	6	6	6	6	6
	MEAN	58	60	55	55	53	41*
	S.D.	3.1	4.4	9.6	5.6	3.1	8.1
18	N	6	6	6	6	6	6
	MEAN	77	79	69	75	73	52*
	S.D.	6.4	5.9	12.0	10.7	6.5	5.0
22	N	6	6	6	6	6	6
	MEAN	62	63	58	60	55	42*
	S.D.	7.5	5.1	9.0	9.5	3.3	5.2

000623

Table 7

Summary of Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	FEMALE					
	GROUP:	1	2	3	4	5	6
	DOSE:	0	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
25	N	5	6	6	5	5	6
	MEAN	82	86	80	75	73	54*
	S.D.	9.4	8.3	13.0	7.0	5.8	7.6
1-25	N	5	6	6	5	5	5
	MEAN	551	565	529	517	513	388*
	S.D.	44.0	34.0	82.4	45.0	20.8	39.7

0006229

Table 8

Summary of Test Material Consumption Data (mg/kg/day)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					FEMALE				
	GROUP:	2	3	4	5	6	2	3	4	5	6
	DOSE:	1	10	30	100	500	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1	N	6	6	6	6	6	6	6	6	6	6
	MEAN	0.140	1.325	4.030	13.192	62.612	0.147	1.399	4.124	13.802	62.217
	S.D.	0.005	0.044	0.210	0.692	4.144	0.008	0.098	0.320	0.732	8.174
4	N	6	6	6	6	6	6	6	6	6	6
	MEAN	0.123	1.191	3.524	11.506	49.583	0.123	1.164	3.625	11.716	46.216
	S.D.	0.006	0.048	0.132	0.605	5.932	0.004	0.093	0.145	0.618	6.426
8	N	6	6	6	6	6	6	6	6	6	6
	MEAN	0.113	1.117	3.311	10.505	49.261	0.113	1.074	3.393	11.133	49.206
	S.D.	0.005	0.047	0.258	0.601	4.268	0.003	0.128	0.198	0.662	1.743
11	N	6	6	6	6	6	6	6	6	6	5
	MEAN	0.103	0.984	2.951	9.711	43.192	0.110	1.027	3.105	10.115	43.613
	S.D.	0.005	0.054	0.137	0.538	3.772	0.005	0.116	0.143	0.449	3.405
15	N	6	6	6	6	6	6	6	6	6	6
	MEAN	0.095	0.921	2.617	8.797	42.446	0.104	0.928	2.872	9.609	41.810
	S.D.	0.005	0.030	0.094	0.412	2.463	0.004	0.072	0.128	0.678	6.302
18	N	6	6	6	6	6	6	6	6	6	6
	MEAN	0.087	0.837	2.500	8.227	35.210	0.097	0.848	2.764	9.517	38.527
	S.D.	0.007	0.027	0.067	0.423	2.563	0.006	0.078	0.208	1.572	2.059
22	N	6	6	6	6	5	6	6	6	6	6
	MEAN	0.089	0.863	2.501	8.150	36.296	0.098	0.910	2.790	9.089	40.035
	S.D.	0.004	0.041	0.118	0.234	3.715	0.005	0.061	0.221	0.957	2.173

000630

Table 8

Summary of Test Material Consumption Data (mg/kg/day)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

	SEX:	MALE					FEMALE				
	GROUP:	2	3	4	5	6	2	3	4	5	6
	DOSE:	1	10	30	100	500	1	10	30	100	500
DAY	UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
25	N	6	6	6	6	5	6	6	5	5	6
	MEAN	0.094	0.816	2.432	7.768	35.168	0.096	0.905	2.612	8.485	38.539
	S.D.	0.022	0.020	0.146	0.406	1.938	0.005	0.044	0.138	0.647	3.754
1-25	MEAN	0.105	1.007	2.983	9.732	44.590	0.111	1.032	3.172	10.475	45.050

00006331

Table 9

Summary of Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
0	MEAN	7.29	15.0	44.6	61.2	20.6	33.6	988
	S.D.	.448	.58	1.89	1.82	.72	.29	133.1
	N	6	6	6	6	6	6	6
1	MEAN	7.34	14.6	44.1	60.0	20.0	33.4	1058
	S.D.	.253	.58	2.12	2.26	.84	.68	157.9
	N	6	6	6	6	6	6	6
10	MEAN	7.27	14.9	44.0	60.6	20.5	33.8	1044
	S.D.	.209	.43	1.27	1.76	.70	.20	110.7
	N	6	6	6	6	6	6	6
30	MEAN	7.40	15.0	44.5	60.2	20.2	33.7	1057
	S.D.	.156	.44	1.07	1.16	.43	.47	177.7
	N	6	6	6	6	6	6	6
100	MEAN	7.00	14.6	43.1	61.6	20.8	33.8	1114
	S.D.	.719	1.12	3.46	1.73	.75	.39	148.3
	N	6	6	6	6	6	6	6
500	MEAN	5.90 *	12.3 *	36.0 *	61.1	20.9	34.1	967
	S.D.	.623	1.00	3.11	2.07	1.10	.67	183.6
	N	5	5	5	5	5	5	5

Table 9

Summary of Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
0	MEAN	11.6	1.0	9.4	.9	.2	.0	9	82	8	1	0
	S.D.	3.14	.43	2.46	.44	.17	.04	2.5	4.6	3.6	1.0	.4
	N	6	6	6	6	6	6	6	6	6	6	6
1	MEAN	11.7	1.4	9.5	.8	.1	.0	12	81	6	1	0
	S.D.	3.43	.74	2.59	.40	.04	.04	3.6	4.4	1.6	.4	.0
	N	6	6	6	6	6	6	6	6	6	6	6
10	MEAN	13.6	1.4	11.2	.8	.2	.0	12	80	7	1	0
	S.D.	4.76	.57	4.57	.22	.10	.04	5.1	9.9	4.5	.4	.4
	N	6	6	6	6	6	6	6	6	6	6	6
30	MEAN	12.3	.8	10.6	.8	.1	.0	6	86	6	1	0
	S.D.	1.13	.15	1.21	.33	.05	.00	1.2	3.5	2.9	.0	.0
	N	6	6	6	6	6	6	6	6	6	6	6
100	MEAN	13.0	1.1	11.1	.6	.1	.0	9	86	4	1	0
	S.D.	3.24	.27	2.72	.48	.00	.04	2.2	3.4	2.3	.0	.0
	N	6	6	6	6	6	6	6	6	6	6	6
500	MEAN	10.4	1.3	8.4	.6	.0 *	.0	12	82	5	0	0
	S.D.	1.72	.82	1.40	.27	.04	.04	7.2	8.9	2.1	.4	.4
	N	5	5	5	5	5	5	5	5	5	5	5

0006633

Table 9

Summary of Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
0	MEAN	7.12	14.8	43.5	61.2	20.8	34.0	1012
	S.D.	.613	.65	2.12	2.78	1.05	.34	90.3
	N	6	6	6	6	6	6	6
1	MEAN	7.41	15.3	45.0	60.8	20.7	34.0	1005
	S.D.	.316	.51	1.34	1.29	.35	.35	133.7
	N	6	6	6	6	6	6	6
10	MEAN	7.62	15.6	46.4	61.0	20.5	33.6	976
	S.D.	.466	.95	2.34	1.87	.46	.44	131.4
	N	6	6	6	6	6	6	6
30	MEAN	7.19	14.8	43.4	60.4	20.6	34.2	1027
	S.D.	.272	.50	1.82	.67	.20	.43	72.2
	N	6	6	6	6	6	6	6
100	MEAN	7.40	15.0	44.1	59.6	20.2	33.9	1069
	S.D.	.386	.58	1.61	1.46	.45	.34	123.8
	N	6	6	6	6	6	6	6
500	MEAN	6.34 *	12.6 *	36.8 *	58.1	20.0	34.4	1042
	S.D.	.381	1.08	3.47	3.37	1.00	.58	160.5
	N	6	6	6	6	6	6	6

0006634

Table 9

Summary of Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
0	MEAN	7.1	.6	5.8	.7	.1	.0	10	82	8	1	0
	S.D.	3.40	.33	2.77	.72	.04	.04	6.1	5.7	5.8	.0	.0
	N	6	6	6	6	6	6	6	6	6	6	6
1	MEAN	8.0	.6	7.0	.4	.1	.0	8	86	5	1	0
	S.D.	3.87	.32	3.68	.13	.08	.00	4.6	5.6	2.0	.8	.0
	N	6	6	6	6	6	6	6	6	6	6	6
10	MEAN	8.0	.5	6.8	.6	.1	.0	7	85	7	1	0
	S.D.	2.94	.33	2.34	.38	.04	.00	2.2	3.4	3.0	.0	.0
	N	6	6	6	6	6	6	6	6	6	6	6
30	MEAN	11.3	.9	9.8	.5	.1	.0	8	87	4	1	0
	S.D.	3.55	.50	3.18	.25	.00	.00	4.1	5.2	1.5	.0	.0
	N	6	6	6	6	6	6	6	6	6	6	6
100	MEAN	11.6	.6	10.4	.5	.1	.0	5	89 *	5	1	0
	S.D.	2.96	.08	2.99	.34	.05	.00	1.0	4.1	3.4	.4	.0
	N	6	6	6	6	6	6	6	6	6	6	6
500	MEAN	11.4	.6	10.5	.4	.0 *	.0	5	91 *	3	0	0
	S.D.	3.95	.28	3.85	.16	.00	.04	2.9	3.3	1.3	.0	.0
	N	6	6	6	6	6	6	6	6	6	6	6

000635

Table 10

Summary of Clinical Chemistry Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
0	MEAN	155	14	.6	6.1	4.5	1.6	.2	47
	S.D.	39.1	1.5	.15	.29	.26	.10	.10	9.7
	N	6	6	6	6	6	6	6	6
1	MEAN	135	13	.6	6.3	4.6	1.7	.1	55
	S.D.	16.2	2.5	.21	.35	.26	.12	.10	13.2
	N	6	6	6	6	6	6	6	6
10	MEAN	138	12	.6	6.1	4.5	1.6	.2	44
	S.D.	32.5	1.8	.20	.18	.10	.18	.16	12.6
	N	6	6	6	6	6	6	6	6
30	MEAN	141	12	.6	6.2	4.5	1.6	.2	40
	S.D.	39.7	1.4	.14	.42	.22	.23	.16	11.0
	N	6	6	6	6	6	6	6	6
100	MEAN	116	16	.6	6.2	4.8	1.5	.1	35
	S.D.	39.8	1.6	.10	.48	.29	.22	.08	18.7
	N	6	6	6	6	6	6	6	6
500	MEAN	107	22 *	.6	6.0	5.1 *	.9 *	.7 *	1 *
	S.D.	17.1	2.7	.26	.34	.36	.17	.28	1.6
	N	5	5	5	5	5	5	5	5

0006326

Table 10

Summary of Clinical Chemistry Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	PCOAO IU/G
0	MEAN	96	34	0	10.9	12.1	148	7.1	102	9
	S.D.	5.0	3.0	.0	.23	.84	2.6	1.29	1.2	1.8
	N	6	6	6	6	6	6	6	6	6
1	MEAN	117	32	0	11.2	12.1	148	7.5	101	9
	S.D.	26.6	10.3	.5	.19	1.54	1.6	1.75	1.4	2.5
	N	6	6	6	6	6	6	6	6	6
10	MEAN	109	35	0	11.3	11.8	148	7.5	102	8
	S.D.	24.7	5.2	.0	.44	1.92	2.9	1.93	.8	1.9
	N	6	6	6	6	6	6	6	6	6
30	MEAN	93	36	0	11.2	11.0	149	6.6	102	8
	S.D.	10.4	6.4	.5	.44	.85	.8	.56	1.9	2.4
	N	6	6	6	6	6	6	6	6	6
100	MEAN	122	48 *	0	10.8	11.3	148	7.2	101	6
	S.D.	20.3	11.7	.0	.62	.84	1.0	.88	2.3	.8
	N	6	6	6	6	6	6	6	6	6
500	MEAN	165 *	222 *	0	10.4	10.8	145	8.2	101	32 *
	S.D.	87.3	204.3	.0	.46	1.22	2.2	.42	1.7	4.3
	N	5	5	5	5	5	5	5	5	5

0006537

Table 10

Summary of Clinical Chemistry Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
0	MEAN	103	14	.8	6.4	5.0	1.4	.1	45
	S.D.	11.3	1.0	.23	.75	.56	.25	.10	11.5
	N	6	6	6	6	6	6	6	6
1	MEAN	112	15	.6	6.5	5.1	1.4	.2	55
	S.D.	24.3	1.7	.23	.36	.26	.27	.10	11.1
	N	6	6	6	6	6	6	6	6
10	MEAN	99	14	.6	6.4	5.1	1.3	.2	46
	S.D.	22.2	3.0	.10	.37	.34	.10	.08	10.7
	N	6	6	6	6	6	6	6	6
30	MEAN	131	15	.7	6.4	5.1	1.3	.1	54
	S.D.	28.4	3.8	.24	.79	.67	.13	.15	9.5
	N	6	6	6	6	6	6	6	6
100	MEAN	112	17	.7	6.7	5.5	1.2	.2	38
	S.D.	33.9	5.8	.15	.52	.34	.21	.08	17.1
	N	6	6	6	6	6	6	6	6
500	MEAN	100	26 *	.6	7.0	5.9 *	1.1	.5 *	7 *
	S.D.	20.6	3.9	.18	.48	.29	.20	.28	5.9
	N	6	6	6	6	6	6	6	6

000638

Table 10

Summary of Clinical Chemistry Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	PCOAO IU/G
0	MEAN	104	27	0	10.9	11.6	147	7.9	103	5
	S.D.	14.0	2.7	.8	.66	.95	.9	1.34	1.8	1.6
	N	6	6	6	6	6	6	6	6	6
1	MEAN	107	30	0	11.4	12.4	147	8.2	104	6
	S.D.	15.1	1.2	.8	.47	1.63	2.5	1.76	1.0	1.8
	N	6	6	6	6	6	6	6	6	6
10	MEAN	125	27	0	11.1	11.9	146	8.9	103	7
	S.D.	36.5	6.1	.0	.59	1.20	1.4	.83	1.4	1.4
	N	6	6	6	6	6	6	6	6	6
30	MEAN	100	28	1	11.1	10.5	146	7.0	102	6
	S.D.	22.0	7.4	1.5	.61	.84	2.7	1.06	1.0	2.9
	N	6	6	6	6	6	6	6	6	6
100	MEAN	90	29	0	11.4	11.5	147	7.6	103	8
	S.D.	9.1	4.8	.0	.54	.99	1.3	.49	1.0	3.0
	N	6	6	6	6	6	6	6	6	6
500	MEAN	118	60 *	0	10.9	10.6	148	6.8	102	30 *
	S.D.	21.4	16.4	.0	.50	.65	1.8	.77	3.0	12.0
	N	6	6	6	6	6	6	6	6	6

000639

Table 11

Summary of Clinical Urinalysis Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		U VOL ML	SP GR	U PH
0	MEAN	18.5	1.017	7.4
	S.D.	9.86	.0096	.20
	N	6	6	6
1	MEAN	27.7	1.015	7.2
	S.D.	22.39	.0112	.27
	N	6	6	6
10	MEAN	28.4	1.010	7.2
	S.D.	13.81	.0027	.26
	N	6	6	6
30	MEAN	26.0	1.013	6.9
	S.D.	14.80	.0069	.20
	N	6	6	6
100	MEAN	15.9	1.023	6.9
	S.D.	17.26	.0107	.58
	N	6	6	6
500	MEAN	20.4	1.019	6.8 *
	S.D.	15.52	.0126	.27
	N	5	5	5

0006640

Table 11

Summary of Clinical Urinalysis Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

DOSE ppm MeFOS		U VOL ML	SP GR	U PH
0	MEAN	30.6	1.010	7.1
	S.D.	20.36	.0077	.38
	N	6	6	6
1	MEAN	25.7	1.008	7.0
	S.D.	17.62	.0044	.32
	N	6	6	6
10	MEAN	27.1	1.008	6.9
	S.D.	16.49	.0064	.20
	N	6	6	6
30	MEAN	15.0	1.015	7.1
	S.D.	9.40	.0097	.38
	N	6	6	6
100	MEAN	29.0	1.008	7.0
	S.D.	17.62	.0056	.32
	N	6	6	6
500	MEAN	14.8	1.011	7.0
	S.D.	12.98	.0046	.32
	N	6	6	6

0006411

TABLE 12

Summary of Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
TERMINAL BODY WEIGHT (g)												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	341.8	337.9	337.2	323.1	320.7	227.8*	213.3	205.9	203.7	204.3	193.6	156.6*
STAND DEV:	29.6	24.7	25.3	31.3	15.0	11.4	17.8	12.0	32.0	21.1	13.9	13.2
AD - ADRENAL												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.0577	0.0571	0.0608	0.0520	0.0547	0.0569	0.0731	0.0687	0.0749	0.0639	0.0661	0.0464*
STAND DEV:	0.0106	0.0063	0.0088	0.0086	0.0094	0.0112	0.0148	0.0071	0.0229	0.0087	0.0068	0.0114
BR - BRAIN												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	2.0588	2.0352	2.0175	2.1275	2.0927	2.0009	1.9550	1.9833	1.9873	2.0235	2.0041	1.9920
STAND DEV:	0.1028	0.0854	0.1200	0.1430	0.0928	0.1027	0.0500	0.1088	0.0735	0.1071	0.0906	0.1159
EP - EPIDIDYMIDES												
# IN GRP :	6	6	6	6	6	5	0	0	0	0	0	0
M E A N :	0.9214	0.8976	0.9760	0.8663	0.8447	0.7317*						
STAND DEV:	0.0821	0.0555	0.0886	0.0785	0.1274	0.0679						

000642

TABLE 12

Summary of Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
KD - KIDNEY												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	3.3984	3.1034	3.3466	3.2329	3.2922	2.5925*	2.0935	1.9685	2.2523	2.0578	2.1936	1.7253
STAND DEV:	0.3295	0.3872	0.2597	0.3284	0.2223	0.2256	0.2961	0.1666	0.3837	0.1457	0.2491	0.1934
LI - LIVER												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	12.9118	12.4546	12.7132	12.3245	16.7113*	19.6094*	7.7513	7.5539	7.9991	8.3214	9.6111*	12.3797*
STAND DEV:	1.7284	1.0193	0.8627	1.7057	1.7399	1.0341	0.7450	0.6425	1.2215	1.2523	0.7628	1.7764
OV - OVARY												
# IN GRP :	0	0	0	0	0	0	6	6	6	6	6	6
M E A N :							0.1272	0.1311	0.1376	0.1185	0.1163	0.0763*
STAND DEV:							0.0243	0.0128	0.0200	0.0273	0.0155	0.0181
SP - SPLEEN												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.8049	0.7518	0.7777	0.7072	0.6731	0.5820*	0.5080	0.5032	0.4927	0.4929	0.4743	0.4265
STAND DEV:	0.0654	0.0904	0.0914	0.1085	0.1114	0.0775	0.1069	0.0719	0.1181	0.0710	0.0810	0.0686

000643

TABLE 12

Summary of Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
TE - TESTIS												
# IN GRP :	6	6	6	6	6	5	0	0	0	0	0	0
M E A N :	3.0558	2.9480	3.0071	2.9256	2.9717	2.9968						
STAND DEV:	0.2644	0.1952	0.2583	0.2156	0.1282	0.2885						
TH - THYMUS												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.6039	0.6833	0.6890	0.5854	0.6600	0.4490	0.5455	0.5229	0.5321	0.5484	0.5062	0.4587
STAND DEV:	0.1774	0.1692	0.1418	0.0721	0.1124	0.1074	0.0592	0.1124	0.0918	0.0854	0.1873	0.1086
TT - THYROID/PARATHYR												
# IN GRP :	6	6	6	6	6	5	6	6	5	6	6	6
M E A N :	0.0206	0.0234	0.0226	0.0206	0.0219	0.0197	0.0159	0.0181	0.0193	0.0184	0.0181	0.0137
STAND DEV:	0.0049	0.0050	0.0033	0.0068	0.0039	0.0061	0.0019	0.0032	0.0043	0.0063	0.0049	0.0031

0006644

TABLE 13

Summary of Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
AD - ADRENAL												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.0171	0.0170	0.0181	0.0162	0.0170	0.0249*	0.0343	0.0333	0.0363	0.0312	0.0342	0.0295
STAND DEV:	0.0044	0.0027	0.0031	0.0030	0.0023	0.0042	0.0063	0.0030	0.0075	0.0022	0.0032	0.0062
BR - BRAIN												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.6058	0.6049	0.6006	0.6626	0.6536	0.8801*	0.9213	0.9648	0.9925	0.9962	1.0372*	1.2757*
STAND DEV:	0.0562	0.0496	0.0511	0.0650	0.0404	0.0642	0.0679	0.0592	0.1298	0.0758	0.0438	0.0644
EP - EPIDIDYMIDES												
# IN GRP :	6	6	6	6	6	5	0	0	0	0	0	0
M E A N :	0.2708	0.2672	0.2901	0.2688	0.2629	0.3208*						
STAND DEV:	0.0282	0.0292	0.0251	0.0210	0.0316	0.0193						
KD - KIDNEY												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.9957	0.9210	0.9927	1.0030	1.0264	1.1372*	0.9798	0.9565	1.1053*	1.0105	1.1315*	1.1021*
STAND DEV:	0.0730	0.1214	0.0327	0.0801	0.0465	0.0646	0.0858	0.0640	0.0733	0.0442	0.0744	0.0843

0006645

TABLE 13

Summary of Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
LI - LIVER												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	3.7673	3.6892	3.7731	3.8050	5.2193*	8.6147*	3.6336	3.6701	3.9342	4.0598*	4.9671*	7.8932*
STAND DEV:	0.2855	0.2180	0.1192	0.2642	0.5890	0.4240	0.1378	0.2643	0.2503	0.2523	0.2573	0.7492
OV - OVARY												
# IN GRP :	0	0	0	0	0	0	6	6	6	6	6	6
M E A N :							0.0595	0.0638	0.0681	0.0580	0.0603	0.0485
STAND DEV:							0.0086	0.0070	0.0093	0.0122	0.0092	0.0097
SP - SPLEEN												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.2374	0.2226	0.2311	0.2193	0.2110	0.2566	0.2377	0.2446	0.2398	0.2407	0.2447	0.2727
STAND DEV:	0.0317	0.0242	0.0261	0.0297	0.0412	0.0414	0.0411	0.0344	0.0285	0.0167	0.0353	0.0400
TE - TESTIS												
# IN GRP :	6	6	6	6	6	5	0	0	0	0	0	0
M E A N :	0.8974	0.8749	0.8978	0.9084	0.9280	1.3135*						
STAND DEV:	0.0834	0.0693	0.1212	0.0596	0.0567	0.0803						

000636

TABLE 13

Summary of Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
TH - THYMUS												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.1768	0.2015	0.2027	0.1820	0.2068	0.1970	0.2566	0.2553	0.2628	0.2695	0.2598	0.2915
STAND DEV:	0.0498	0.0425	0.0277	0.0234	0.0401	0.0465	0.0280	0.0627	0.0391	0.0417	0.0915	0.0530
TT - THYROID/PARATHYR												
# IN GRP :	6	6	6	6	6	5	6	6	5	6	6	6
M E A N :	0.0060	0.0070	0.0067	0.0063	0.0068	0.0087	0.0075	0.0088	0.0098	0.0090	0.0093	0.0088
STAND DEV:	0.0011	0.0016	0.0009	0.0017	0.0011	0.0027	0.0013	0.0015	0.0024	0.0028	0.0021	0.0020

0006427

TABLE 14

Summary of Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
AD - ADRENAL												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.0282	0.0281	0.0303	0.0243	0.0263	0.0285	0.0375	0.0348	0.0375	0.0316	0.0330	0.0232*
STAND DEV:	0.0056	0.0035	0.0052	0.0028	0.0055	0.0060	0.0081	0.0049	0.0109	0.0037	0.0029	0.0055
BR - BRAIN												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
STAND DEV:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
EP - EPIDIDYMIDES												
# IN GRP :	6	6	6	6	6	5	0	0	0	0	0	0
M E A N :	0.4479	0.4419	0.4852	0.4082	0.4057	0.3658*						
STAND DEV:	0.0374	0.0357	0.0526	0.0411	0.0763	0.0305						
KD - KIDNEY												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	1.6539	1.5214	1.6641	1.5184	1.5770	1.2978*	1.0710	0.9951	1.1299	1.0175	1.0924	0.8659*
STAND DEV:	0.1800	0.1402	0.1680	0.0923	0.1476	0.1248	0.1534	0.0990	0.1651	0.0597	0.0845	0.0839

000643

TABLE 14

Summary of Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
LI - LIVER												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	6.2701	6.1241	6.3108	5.8070	8.0008*	9.8193*	3.9653	3.8077	4.0137	4.1069	4.7927*	6.2027*
STAND DEV:	0.7779	0.4911	0.4252	0.8457	0.9384	0.6974	0.3785	0.2222	0.5071	0.5175	0.2526	0.7044
OV - OVARY												
# IN GRP :	0	0	0	0	0	0	6	6	6	6	6	6
M E A N :							0.0650	0.0663	0.0691	0.0586	0.0581	0.0382*
STAND DEV:							0.0114	0.0075	0.0086	0.0130	0.0077	0.0082
SP - SPLEEN												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.3911	0.3698	0.3881	0.3329	0.3229	0.2909*	0.2598	0.2551	0.2466	0.2435	0.2359	0.2140
STAND DEV:	0.0264	0.0453	0.0648	0.0479	0.0593	0.0359	0.0548	0.0471	0.0519	0.0310	0.0329	0.0314
TE - TESTIS												
# IN GRP :	6	6	6	6	6	5	0	0	0	0	0	0
M E A N :	1.4847	1.4512	1.4952	1.3776	1.4226	1.5006						
STAND DEV:	0.1098	0.1214	0.1644	0.1037	0.0946	0.1628						

TABLE 14

Summary of Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

SEX:	MALE						FEMALE					
GROUP:	1	2	3	4	5	6	1	2	3	4	5	6
NUMBER:	6	6	6	6	6	5	6	6	6	6	6	6
TH - THYMUS												
# IN GRP :	6	6	6	6	6	5	6	6	6	6	6	6
M E A N :	0.2911	0.3343	0.3413	0.2745	0.3156	0.2256	0.2795	0.2664	0.2676	0.2705	0.2506	0.2295
STAND DEV:	0.0722	0.0739	0.0659	0.0201	0.0545	0.0603	0.0342	0.0704	0.0440	0.0352	0.0856	0.0474
TT - THYROID/PARATHYR												
# IN GRP :	6	6	6	6	6	5	6	6	5	6	6	6
M E A N :	0.0100	0.0116	0.0112	0.0097	0.0104	0.0098	0.0081	0.0091	0.0098	0.0091	0.0090	0.0069
STAND DEV:	0.0021	0.0029	0.0012	0.0030	0.0016	0.0025	0.0011	0.0012	0.0023	0.0030	0.0023	0.0017

000250

TABLE 15

Incidence of Macroscopic Observations

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN AND KEYWORD(S) OR PHRASE		--- NUMBER OF ANIMALS AFFECTED ---											
SEX:		MALE						FEMALE					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	5	6	6	6	6	6	6
** TOP OF LIST **													
GENERAL COMMENT (GC)	NUMBER EXAMINED:	6	6	6	6	6	5	6	6	6	6	6	6
MALOCCLUSION		0	0	0	0	0	1	0	0	0	0	0	0
NO MACROSCOPIC LESIONS		5	6	5	5	6	0	5	5	5	6	3	5
BONE MARROW SMEAR TAKEN		6	6	6	6	6	5	6	6	6	6	6	6
ANIMAL THIN		0	0	0	0	0	1	0	0	0	0	0	1
DISCHARGE-OCULAR		0	0	0	0	0	1	0	0	0	0	0	0
KIDNEY (KD)	NUMBER EXAMINED:	6	6	6	6	6	5	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	6	6	6	5	6	5	6	6	6	6
LARGE PELVIS(ES)		0	0	0	0	0	0	0	1	0	0	0	0
LIVER (LI)	NUMBER EXAMINED:	6	6	6	6	6	5	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	6	6	6	3	6	6	6	6	6	6
LARGE		0	0	0	0	0	2	0	0	0	0	0	0
LIGHT FOCUS(I)/AREA(S)		0	0	0	0	0	1	0	0	0	0	0	0
DIFFUSELY DARK		0	0	0	0	0	1	0	0	0	0	0	0
ADRENAL, CORTEX (AC)	NUMBER EXAMINED:	6	6	6	6	6	5	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	6	5	6	4	6	6	6	6	6	6
SMALL		0	0	0	1	0	0	0	0	0	0	0	0
DIFFUSELY RED		0	0	0	0	0	1	0	0	0	0	0	0

0006521

TABLE 15

Incidence of Macroscopic Observations

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN AND KEYWORD(S) OR PHRASE		--- NUMBER-OF-ANIMALS-AFFECTED ---											
SEX:		MALE						FEMALE					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	5	6	6	6	6	6	6
STOMACH, GL (ST)	NUMBER EXAMINED:	6	6	6	6	6	5	6	6	6	6	6	6
	NOT REMARKABLE:	5	6	6	6	6	3	6	6	6	6	6	6
RED FOCUS(I)/AREA(S)		0	0	0	0	0	1	0	0	0	0	0	0
DARK FOCUS(I)/AREA(S)		1	0	0	0	0	1	0	0	0	0	0	0
LN, MANDIBULAR (MN)	NUMBER EXAMINED:	6	6	6	6	6	5	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	6	6	6	4	6	6	6	6	6	6
MOTTLED		0	0	0	0	0	1	0	0	0	0	0	0
SKIN (SK)	NUMBER EXAMINED:	6	6	6	6	6	5	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	5	6	6	5	6	6	6	6	6	5
CRUSTED AREA(S)		0	0	1	0	0	0	0	0	0	0	0	0
ALOPECIA-FOCAL		0	0	0	0	0	0	0	0	0	0	0	1
UTERUS (UT)	NUMBER EXAMINED:	0	0	0	0	0	0	6	6	6	6	6	6
	NOT REMARKABLE:	0	0	0	0	0	0	5	6	5	6	3	6
LUMEN FILLED WITH FLUID		0	0	0	0	0	0	1	0	1	0	3	0
SEMINAL VESICLES (SV)	NUMBER EXAMINED:	6	6	6	6	6	5	0	0	0	0	0	0
	NOT REMARKABLE:	6	6	6	6	6	4	0	0	0	0	0	0
SMALL		0	0	0	0	0	1	0	0	0	0	0	0

** END OF LIST **

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER OF ANIMALS AFFECTED ---											
SEX:		MALE						FEMALE					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	6	6	6	6	6	6	6
** TOP OF LIST **													
EYE (EY)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	6	5	4	6	6	6	6	6	6	6	6	5
--VASCULARIZATION, CORNEAL		0	1	0	0	0	0	0	0	0	0	0	0
--INFILTRATE, LYMPHOCYTIC		0	0	0	0	0	0	0	0	0	0	0	1
--ONE EXAMINED		0	0	2	0	0	0	0	0	0	0	0	0
BRAIN (BR)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	0	0	1	0	0	0	1	0	0	1	1	0
--VACUOLATION		6	6	5	6	6	6	5	6	6	5	5	6
KIDNEY (KD)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	5	2	6	4	5	6	5	3	4	2	5	5
--DEGENERATION, TUBULAR		1	0	0	0	1	0	0	1	0	0	0	0
--HYALINE DROPLETS, TUBULAR EPITHELIUM		1	2	0	0	0	0	0	0	0	0	0	0
--INFLAMMATION, CHRONIC		0	2	0	1	0	0	0	0	0	1	0	0
--PYELITIS		0	1	0	0	0	0	0	1	2	2	1	1
--CYST		0	0	0	1	0	0	1	0	0	0	0	0
--DILATATION, PELVIC		0	0	0	0	0	0	0	1	0	1	0	0
LIVER (LI)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	2	2	3	0	0	0	1	1	4	3	0	0
--INFLAMMATION, SUBACUTE		4	4	3	4	5	1	2	0	0	1	3	0
--HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR		0	0	0	6	6	6	0	0	0	0	6	6
--VACUOLATION, HEPATOCELLULAR		0	0	0	0	2	0	4	5	2	1	2	0

** CONTINUED ON NEXT PAGE **

0006533

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---											
SEX:		----------MALE----------						----------FEMALE----------					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	6	6	6	6	6	6	6
** FROM PREVIOUS PAGE **													
LIVER (LI)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	2	2	3	0	0	0	1	1	4	3	0	0
--NECROSIS		0	0	1	0	1	3	0	0	0	1	0	0
SPLEEN (SP)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	6	6	6	6	6	6	6	6	6	6
PANCREAS (PA)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	6	6	5	6	6	6	6	6	6	6
--INFLAMMATION, CHRONIC		0	0	0	0	1	0	0	0	0	0	0	0
--HEMORRHAGE		0	0	0	0	1	0	0	0	0	0	0	0
LN, MESENTERIC (MS)	NUMBER EXAMINED:	6	6	6	6	6	6	6	5	6	6	6	5
	NOT REMARKABLE:	6	6	6	6	6	5	6	5	6	6	6	5
--HEMORRHAGE		0	0	0	0	0	1	0	0	0	0	0	0
ADRENAL, CORTEX (AC)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	4	5	4	5	6	6	6	6	6	6	6	6
--VACUOLATION		2	1	2	1	0	0	0	0	0	0	0	0
ADRENAL, MEDULLA (MA)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
	NOT REMARKABLE:	6	6	6	6	6	6	6	6	6	6	6	6

0006654

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---											
SEX:		----------MALE----------						----------FEMALE----------					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-
OVARY (OV)	NUMBER EXAMINED:	0	0	0	0	0	0	6	6	6	6	6	6
	NOT REMARKABLE:	0	0	0	0	0	0	6	6	6	6	6	6
TESTIS (TE)	NUMBER EXAMINED:	6	6	6	6	6	6	0	0	0	0	0	0
	NOT REMARKABLE:	6	6	6	6	6	6	0	0	0	0	0	0
BONE, FEMUR (FE)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
MARROW, FEMUR (FM)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
MARROW, STERNUM (SE)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
BONE, STERNUM (SB)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
LUNG (LU)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER OF ANIMALS AFFECTED ---											
SEX:		MALE						FEMALE					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	6	6	6	6	6	6	6
TRACHEA (TR)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
ESOPHAGUS (ES)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
HEART (HT)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
MUSCLE, SKELETAL (SM)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
NERVE, SCIATIC (SN)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
STOMACH, GL (ST)	NUMBER EXAMINED:	1	0	0	0	0	2	0	0	0	0	0	0
	NOT REMARKABLE:	1	0	0	0	0	1	0	0	0	0	0	0
--EROSION		0	0	0	0	0	1	0	0	0	0	0	0
STOMACH, NONGL (SU)	NUMBER EXAMINED:	1	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	1	0	0	0	0	0	0	0	0	0	0	0

0009656

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---											
SEX:		----------MALE----------						----------FEMALE----------					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-
DUODENUM (DU)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
JEJUNUM (JE)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
ILEUM (IL)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
LN, POPLITEAL (PP)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
CECUM (CE)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
COLON (CO)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
RECTUM (RE)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0

0006577

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---											
SEX:		----------MALE----------						----------FEMALE----------					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-	6 -=-
THYROID (TY)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
PARATHYROID (PT)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
AORTA (AO)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
PITUITARY (PI)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
THYMUS (TH)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
SPINAL CORD (SC)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
HARDERIAN GLAND (HG)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- NUMBER-OF-ANIMALS-AFFECTED ---											
SEX:		----------MALE----------						----------FEMALE----------					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	6	6	6	6	6	6	6
AUDITORY SEB GL (AS)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
SALIV GL, MANDIB (SG)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
LN, MANDIBULAR (MN)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
SKIN (SK)	NUMBER EXAMINED:	0	0	1	0	0	0	0	0	0	0	0	1
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
--INVOLUTION, FOLLICULAR		0	0	0	0	0	0	0	0	0	0	0	1
--INFLAMMATION, CHRONIC-ACTIVE		0	0	1	0	0	0	0	0	0	0	0	0
MAMMARY, FEMALE (MF)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
URINARY BLADDER (UB)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0

000659

TABLE 16

Incidence of Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=ALL

ORGAN AND FINDING DESCRIPTION		--- N U M B E R - O F - A N I M A L S - A F F E C T E D ---											
SEX:		----------MALE----------						----------FEMALE----------					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	6	6	6	6	6	6	6
		-=-	-=-	-=-	-=-	-=-	-=-	-=-	-=-	-=-	-=-	-=-	-=-
CERVIX (CV)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
UTERUS (UT)	NUMBER EXAMINED:	0	0	0	0	0	0	1	0	1	0	3	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
--DILATATION		0	0	0	0	0	0	1	0	1	0	3	0
VAGINA (VA)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
PROSTATE (PR)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
SEMINAL VESICLES (SV)	NUMBER EXAMINED:	0	0	0	0	0	1	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0
--SECRETION, DECREASED		0	0	0	0	0	1	0	0	0	0	0	0
EPIDIDYMIDES (EP)	NUMBER EXAMINED:	0	0	0	0	0	0	0	0	0	0	0	0
	NOT REMARKABLE:	0	0	0	0	0	0	0	0	0	0	0	0

** END OF LIST **

000000

TABLE 17

Incidence of Severity of Selected Microscopic Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=ALL;FIND=ALL;SUBSET=T

ORGAN/TISSUE EXAMINED		--- NUMBER-OF-ANIMALS-AFFECTED ---											
SEX:		MALE						FEMALE					
GROUP:		-1-	-2-	-3-	-4-	-5-	-6-	-1-	-2-	-3-	-4-	-5-	-6-
NUMBER:		6	6	6	6	6	6	6	6	6	6	6	6
** TOP OF LIST **													
LIVER (LI)	NUMBER EXAMINED:	6	6	6	6	6	6	6	6	6	6	6	6
--INFLAMMATION, SUBACUTE	->	2	2	3	2	1	5	4	6	6	5	3	6
	1>	4	4	3	3	4	1	2	0	0	1	3	0
	2>	0	0	0	1	1	0	0	0	0	0	0	0
	TL>	6	6	6	6	6	6	6	6	6	6	6	6
	MN>	0.7	0.7	0.5	0.8	1.0	0.2	0.3	0.0	0.0	0.2	0.5	0.0
--HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR	->	6	6	6	0	0	0	6	6	6	6	0	0
	1>	0	0	0	5	0	0	0	0	0	0	0	0
	2>	0	0	0	1	0	0	0	0	0	0	4	0
	3>	0	0	0	0	4	0	0	0	0	0	2	1
	4>	0	0	0	0	2	3	0	0	0	0	0	5
	5>	0	0	0	0	0	3	0	0	0	0	0	0
	TL>	6	6	6	6	6	6	6	6	6	6	6	6
	MN>	0.0	0.0	0.0	1.2	3.3	4.5	0.0	0.0	0.0	0.0	2.3	3.8
--VACUOLATION, HEPATOCELLULAR	->	6	6	6	6	4	6	2	1	4	5	4	6
	1>	0	0	0	0	2	0	4	5	2	1	2	0
	TL>	6	6	6	6	6	6	6	6	6	6	6	6
	MN>	0.0	0.0	0.0	0.0	0.3	0.0	0.7	0.8	0.3	0.2	0.3	0.0
--NECROSIS	->	6	6	5	6	5	3	6	6	6	5	6	6
	1>	0	0	1	0	1	0	0	0	0	1	0	0
	3>	0	0	0	0	0	2	0	0	0	0	0	0
	4>	0	0	0	0	0	1	0	0	0	0	0	0
	TL>	6	6	6	6	6	6	6	6	6	6	6	6
	MN>	0.0	0.0	0.2	0.0	0.2	1.7	0.0	0.0	0.0	0.2	0.0	0.0
** END OF LIST **													

APPENDIX 1

Protocol Deviations
Protocol
Protocol Amendment No. 1

Protocol Deviations

Protocol. Test material. Disposition of Test Material. After authorization from the Sponsor, any remaining test material will be returned to the Sponsor.

Actual Procedure. Remaining test material was retained for future use.

Protocol. Dosing Procedures. Retention Samples. "Samples (approximately 100 g) will be taken from each dose preparation sampled for dose analyses and stored at room temperature. Unless used for analyses, these samples will be discarded approximately 1 month after completion of the in-life phase."

Actual Procedure. Retention samples were not discarded approximately 1 month after completion of the in-life phase.

Protocol. Termination. Organ Weights. At the scheduled sacrifice, thyroid (2) with parathyroid was to be weighed.

Actual Procedure. One thyroid with parathyroid was not weighed for Animal No. C94539.

Protocol. Experimental Design. Postmortem Procedures. "The following tissues (when present) will be collected from each animal and preserved in 10% phosphate-buffered formalin." Gross lesions were not to be processed and examined microscopically.

Actual Procedure. Some tissues, required by the protocol, were not available for histopathologic examination. Missing tissues are listed with appropriate comments in the pathology data sheets for individual animals. Summary tables do not include them as having been examined. Gross lesions were processed and examined microscopically.

These deviations are not expected to have affected the results of the study.

000663

Protocol

COVANCE.
THE DEVELOPMENT SERVICES COMPANY

Sponsor:

3M
St. Paul, Minnesota

PROTOCOL

Study Title:

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Date:

June 8, 1998

Performing Laboratory:

Covance Laboratories Inc.
3301 Kinsman Boulevard
Madison, Wisconsin 53704-2595

Laboratory Study Identification:

Proposal No. 90545C

Covance 6329-224

T-6314.2

000664

Study
4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Purpose
To assess the toxicity of the test material when administered in the diet to rats for at least 4 weeks

Sponsor
3M
Toxicology Services
Building 220-2E-02, 3M Center
St. Paul, Minnesota 55144-1000

Study Monitor
Andrew M. Seacat, PhD
3M Toxicology Services
Telephone No.: 612.575.3161
Facsimile No.: 612.733.1773

Alternate Study Monitor
Marvin T. Case, DVM, PhD
3M Toxicology Services
Telephone No.: 612.733.5180
Facsimile No.: 612.733.1773

Study Location
Covance Laboratories Inc.
3301 Kinsman Boulevard
Madison, Wisconsin 53704-2595

Mailing Address: PO Box 7545
Madison, Wisconsin 53707-7545

Study Director
Peter J. Thomford, PhD
Covance Laboratories Inc.
Telephone No.: 608.241.7207
Facsimile No.: 608.242.2736

Toxicologist
Thomas E. Ryan, BS
Covance Laboratories Inc.

Proposed Study Timetable
In-Life Start Date: June 12, 1998
In-Life End Date: July 13, 1998
Audited Draft Report Date: October 18, 1998

Regulatory Compliance
This study will be conducted in compliance with the Food and Drug Administration Good Laboratory Practice Regulations as set forth in Title 21 of the US Code of Federal Regulations, Part 58, issued December 22, 1978 (effective June 20, 1979), and with any applicable amendments.

Animal Care and Use Statement
All procedures in this protocol are in compliance with the Animal Welfare Act Regulations, 9 CFR 1-4. In the opinion of the Sponsor and study director, the study does not unnecessarily duplicate any previous work.

Quality Assurance
The protocol, study conduct, and final report will be audited by the Covance Quality Assurance Unit (QAU). The proliferation cell nuclear antigen evaluation, data, and report will be audited by the QAU of Pathology Associates International. Liver and serum analyses, data, and report will be audited by the QAU of 3M Environmental Technology and Safety Services.

000666

Test Material

Identification
N-Methyl Perfluorooctanesulfonamido Ethanol (MeFOS, T-6314)

Lot Number
The lot numbers will be maintained in the raw data.

Purity
Responsibility of the Sponsor

Stability
Responsibility of the Sponsor

Storage Conditions
At room temperature

Characteristics
Information on synthesis methods, composition, or other characteristics that define the test material is on file with the Sponsor.

Reserve (Archive) Samples
A reserve sample (approximately 5 g) of each lot will be taken and stored at room temperature. These samples will be transferred to the Sponsor after completion of the in-life phase.

Disposition of Test Material
After authorization from the Sponsor, any remaining test material will be returned to:

Andrew M. Seacat, PhD
3M Toxicology Services
Building 220-2E-02, 3M Center
St. Paul, Minnesota 55144-1000
Telephone No.: 612.575.3161
Facsimile No.: 612.733.1773

000667

Animals

Species
Rat

Strain
Crl:CD®(SD) IGS BR

Source
Charles River Laboratories, Inc., Raleigh, North Carolina

Age at Initiation of Treatment
Preferably less than 6 weeks of age, but not more than 8 weeks of age

Weight at Initiation of Treatment
100 to 300 g

Number and Sex
36 males and 36 females

Identification
Implantable microchip identification device

Husbandry

Housing
Individual (may be group-housed during acclimation). Animals will be housed in suspended, stainless steel cages.

Diet
Certified Rodent Diet #5002, meal (PMI Nutrition International) *ad libitum*, unless otherwise specified. The diet is routinely analyzed by the manufacturer for nutritional components and environmental contaminants. Specified nutrient and contaminant analyses are on file at Covance-Madison.

000668

Water

Ad libitum. Samples of the water are routinely analyzed for specified microorganisms and environmental contaminants. The results are on file at Covance-Madison.

Contaminants

There are no known contaminants in the diet or water at levels that might interfere with this study.

Environment

Environmental controls for the animal room will be set to maintain 18 to 26°C, a relative humidity of 30 to 70%, and a 12-hour light/12-hour dark cycle.

Acclimation

At least 1 week

Randomization

Selection of animals for the study will be based on body weights, clinical observations, and other data as appropriate. Animals will be assigned to treatment groups using a computerized blocking procedure designed to achieve body weight balance with respect to treatment groups. At the time of randomization, the weight variation of the animals of each sex used will not exceed ±2 standard deviations of the mean weight, and the mean body weight for each group of each sex will not be statistically different at the 5.0% probability level.

Justification

Rats historically have been used in safety evaluation studies and are recommended by appropriate regulatory agencies.

000669

Group Designations and Dietary Levels

Group	Number of Animals Male	Female	Dietary Levels (ppm MeFOS)[a]
1 (Control)[b]	6	6	0
2 (Low)	6	6	1
3 (Low-Mid)	6	6	10
4 (Mid)	6	6	30
5 (Mid-High)	6	6	100
6 (High)	6	6	500

a Dose levels are expressed as ppm of MeFOS.
b The control animals will receive the basal diet only.

Dosing Procedures

Method of Administration
Dietary, 7 days/week for at least 4 weeks. Treatment will continue through the day before necropsy.

Reason for Dosing Route
The potential route of exposure in humans is oral.

Dose Preparation
All dose preparations will be mixed according to the study-specific mixing procedure developed by Covance. Dose concentrations will be based on the MeFOS content as supplied. All dose preparations will be stored at room temperature.

Retention Samples
Samples (approximately 100 g) will be taken from each dose preparation sampled for dose analyses and stored at room temperature. Unless used for analyses, these samples will be discarded approximately 1 month after completion of the in-life phase.

000670

Dose Analyses

By Covance, using a method supplied by the Sponsor and validated by Covance

Homogeneity

Homogeneity will be determined for all treated dose level preparations once pretest. One sample each (approximately 100 g) from the top, middle, and bottom of the dose preparations mixed for homogeneity analyses will be collected, divided into three subsamples for extraction and analysis, and analyzed for test material content. All samples will be stored at room temperature until analyzed. In addition, one sample each (approximately 100 g) from the top, middle, and bottom of the 1-ppm dose preparation mixed for the in-life portion of the study will be collected, divided into three subsamples for extraction and analysis, and analyzed for test material content. Homogeneity analysis will be repeated if batch size changes by more than 30%.

Stability

Four sets of samples (approximately 100 g each) will be taken from the low- and high-dose level concentrations of diet preparations mixed pretest. Homogeneity samples collected from the middle of the pretest dose preparations will be analyzed on the day of mixing and used as the baseline value. The remaining samples from low-dose level preparation mixed pretest will be discarded. One sample of the high-dose preparation will be stored at room temperature for at least 19 days, then analyzed. The third sample of the high-dose preparation will be stored at room temperature after at least 32 days, then analyzed. The remaining sample of the high-dose preparation will be stored in a freezer set to maintain -10 to -30°C for 8 weeks, then analyzed.

In addition, three samples (approximately 100 g each) will be taken from the low-dose level preparation mixed for the in-life portion of the study and analyzed according to the schedule used for the samples of pre-test high-dose preparation. Homogeneity samples collected from the middle of the low-dose level preparation will be analyzed on the day of mixing and used as the baseline value.

Dose Confirmation

Samples (approximately 100 g) from all dose preparations will be analyzed. The homogeneity sample collected from the middle of the low-dose level preparation mixed for the in-life portion of the study will be used for dose confirmation. All samples will be stored at room temperature until analyzed.

Observation of Animals

Clinical Observations

Each animal will be observed twice daily (a.m. and p.m.) for mortality and moribundity, recording findings as they are observed. At least once weekly, each animal will be observed (cage will be opened, and the animal will be removed); abnormal findings or an indication of normal will be recorded. Additional findings will be recorded as they are observed.

Body Weights

Each animal will be weighed at least once prior to treatment, on the first day of treatment, and twice weekly thereafter.

Food Consumption

Food consumption will be recorded for each animal twice weekly during treatment.

Clinical Pathology

Frequency

After at least 4 weeks of treatment

Number of Animals

All

Method of Collection

Animals will be fasted overnight; blood will be collected from a jugular vein. The anticoagulant will be potassium EDTA for hematology tests. Urine will be collected chilled overnight (approximately 16 hours).

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Tests

Hematology

red blood cell (erythrocyte) count
hemoglobin
hematocrit
mean corpuscular volume
mean corpuscular hemoglobin
mean corpuscular hemoglobin concentration
platelet count
white blood cell (leukocyte) count
differential blood cell count
blood cell morphology
reticulocyte smear (made, but not examined)

Clinical Chemistry

glucose
urea nitrogen
creatinine
total protein
albumin
globulin
cholesterol
total bilirubin
alanine aminotransferase
gamma glutamyltransferase
aspartate aminotransferase
calcium
inorganic phosphorus
sodium
potassium
chloride

Urinalysis

appearance
volume
specific gravity
pH
protein
urobilinogen
glucose
ketones
bilirubin
blood
microscopic examination of sediment

The remaining urine (up to 10 mL) for each animal will stored in a freezer set to maintain -10 to -30°C. Samples will be packed on dry ice and shipped to:

Kris J. Hansen, PhD
3M Environmental Technology and Safety Services
935 Bush Avenue
Building 2-3E-09
St. Paul, Minnesota 55133-3331
Telephone No.: 612.778.6018
Facsimile No.: 612.778.6176

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Urine samples will be stored by the Sponsor for possible future analysis.

Serum Perfluorooctane Sulfonic Acid (PFOS) Analyses

Frequency and Number of Animals
All animals after at least 4 weeks of treatment

More, 4-6mL
we need at least 2mL of serum. For Analysis.

Method of Collection
Animals will be fasted overnight; blood (approximately 2 mL) will be collected from a jugular vein. Samples will be collected without anticoagulant.

Sample Handling
Blood samples will be allowed to clot at room temperature and centrifuged. Serum samples will be harvested and stored in a freezer set to maintain -60 to -80°C. Samples will be packed on dry ice and shipped to:

Kris J. Hansen, PhD
3M Environmental Technology and Safety Services
935 Bush Avenue
Building 2-3E-09
St. Paul, Minnesota 55133-3331
Telephone No.: 612.778.6018
Facsimile No.: 612.778.6176

Serum samples will be analyzed for PFOS and metabolites by the Sponsor. Results will be reported separately by the Sponsor.

Termination

Unscheduled Sacrifices and Deaths
Necropsies will be done. Animals to be sacrificed will be anesthetized with carbon dioxide, weighed, and exsanguinated.

Scheduled Sacrifice
After at least 4 weeks of treatment, all surviving animals will be fasted overnight, bled for clinical pathology tests and PFOS samples, then anesthetized with carbon dioxide, weighed, exsanguinated, and necropsied.

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Postmortem Procedures

Necropsy

The necropsy will include an examination of the external features of the carcass; all external body orifices; the abdominal, thoracic, and cranial cavities; organs; and tissues.

Organ Weights

At the scheduled sacrifice, the following organs (when present) will be weighed; paired organs will be weighed together:

adrenal (2)	ovary (2)
brain	spleen
epididymis (2)	testis (2)
kidney (2)	thymus
liver	thyroid (2) with parathyroid

Organ-to-body weight percentages and organ-to-brain weight ratios will be calculated.

Bone Marrow Smear

From the femur of each animal at the scheduled sacrifice only; made but not examined

Cell Proliferation Tissue Collection and Immunohistochemical Evaluation

At the scheduled sacrifice, representative samples of left lateral lobe of the liver from each animal will be collected and preserved in zinc formalin.

After fixation, each sample of liver will be embedded in paraffin, and the paraffin blocks will be shipped to:

Sandra R. Eldridge, PhD
Pathology Associates International
15 Worman's Mill Court, Suite I
Frederick, Maryland 21701
Telephone No.: 301.663.1644, ext. 2201
Facsimile No: 301.663.8994

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Proliferation cell nuclear antigen (PCNA) evaluation will be done on the samples. Results will be provided for inclusion in the final report.

Palmitoyl-CoA Oxidase Tissue Collection and Analyses

At the scheduled sacrifice, a sample (approximately 500 mg) of the right lateral lobe of the liver will also be collected from each animal and flash-frozen in liquid nitrogen. The liver tissue will be stored in a freezer set to maintain -60 to -80°C until analyzed by Covance for palmitoyl-CoA oxidase activity.

Liver PFOS Analysis

At scheduled sacrifice, a portion of the liver from each animal will be stored in a freezer set to maintain -60 to -80°C. Samples will be packed on dry ice and shipped to Kris J. Hansen, PhD, 3M Environmental Technology and Safety Services. Liver samples will be analyzed for PFOS and metabolites by the Sponsor. Results will be reported separately by the Sponsor.

Tissue Preservation

The following tissues (when present) from each animal will be preserved in 10% neutral-buffered formalin:

adrenal (2)
aorta
brain
cecum
cervix
colon
duodenum
esophagus
epididymis (2))
eye (2)
femur with bone marrow (articular surface of the distal end)
Harderian gland
heart
ileum with Peyer's patch (lymphoid aggregate)
jejunum
kidney (2)
lesions
liver
lung with mainstem bronchi
lymph nodes (mesenteric and mandibular)
mammary glands (females only)
ovary (2)
pancreas
pituitary
prostate
rectum
salivary gland [mandibular (2)]
sciatic nerve
seminal vesicles

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skeletal muscle (thigh)
skin
spinal cord (cervical, mid-thoracic, and lumbar)
spleen
sternum with bone marrow
stomach
testis [(2) preserved in Bouin's fixative]
thymus
thyroid (2) with parathyroid
trachea
urinary bladder
uterus
vagina
Zymbal's gland

Histopathology

The adrenals, brain, eyes, kidneys, liver, mesenteric lymph node, pancreas, spleen, testes, and ovaries from each animal will be embedded in paraffin, sectioned, and stained with hematoxylin and eosin.

Tissue slides will be shipped to:

Richard H. Bruner, D.V.M. DAVCP
Pathology Associates International
Ohio Operations
6217 Centre Park Drive
West Chester, Ohio 45069
Telephone No.: 513.779.9600
Facsimile No.: 513.779.9603

Tissue slides will be examined microscopically by Dr. Bruner and the results from his evaluation will be included in the final report. After completion of the examination, slides will be returned to Covance-Madison.

Reports

One copy of the draft report will be sent to the Sponsor. The report will include the following information:

Experimental Design and Methods

Results

dose analyses
mortality
clinical observations
body weights

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body weight changes
food consumption
test material consumption
clinical pathology results
organ weights
organ-to-body weight percentages
organ-to-brain weight ratios
palmitoyl CoA oxidase activities
macroscopic observations
microscopic observations
cell proliferation assessments (provided by the Sponsor's designee)

Statistical Evaluation

Levene's test will be done to test for variance homogeneity. In the case of heterogeneity of variance at $p \leq 0.05$, transformations will be used to stabilize the variance. Comparison tests will take variance heterogeneity into consideration.

One-way analysis of variance (ANOVA) will be used (if applicable) to analyze body weights, body weight changes, food consumption, continuous clinical pathology values, and organ weight data. If the ANOVA is significant, Dunnett's t-test will be used for control versus treated group comparisons.

If the ANOVA shows significance for body weights at Week 1, one-way analysis of covariance (ANCOVA) will be used to analyze body weights, with initial body weights as the covariate. If the ANCOVA is significant, covariate-adjusted means will be used for control versus treated group comparisons.

Group comparisons (Groups 2 through 6 versus Group 1) will be evaluated at the 5.0%, two-tailed probability level. Only data collected on or after the first day of treatment will be analyzed statistically.

At the end of 1 year after issuance of the audited draft report, if no requested revisions or instructions to finalize have been communicated by the Sponsor, then the audited draft report will be considered 'final' and issued as the final report, signed by the study director, and submitted to the Sponsor.

Any modifications or changes to the audited draft report requested 1 year after issuance will be performed at additional cost to the Sponsor.

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Two copies of the signed final report (one unbound and one bound) will be sent to the client.

Record Retention

All raw data, documentation, records, protocol, specimens, and final report generated as a result of this study will be archived in the storage facilities of Covance-Madison for a period of 1 year following submission of the final report to the Sponsor. All raw data stored on magnetic media, the protocol and protocol amendments, study correspondence, and the original report will be retained by Covance. One year after submission of the final report, all of the aforementioned materials will be sent to the Sponsor, and a return fee will be charged. The Sponsor may elect to have the materials retained in the Covance archives for an additional period of time, and Covance will charge a storage fee. If the Sponsor chooses to have Covance dispose of the materials, a disposal fee will be charged.

PCNA evaluation data, paraffin blocks, and tissue slides will be retained by Pathology Associates International.

Liver, urine, and serum samples sent to the Sponsor and analysis data will be retained by the Sponsor.

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PROTOCOL APPROVAL

Andrew M. Seacat

Andrew M. Seacat, PhD
Study Monitor
3M

Date 6/12/98

Peter J. Thomford

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

Date 6/8/98

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COVANCE
THE DEVELOPMENT SERVICES COMPANY

PROTOCOL AMENDMENT NO. 1

Covance 6329-224

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Sponsor:	3M, St. Paul, Minnesota
Study Monitor:	Andrew M. Seacat, PhD
Testing Facility:	Covance Laboratories Inc., Madison, Wisconsin
Study Director:	Peter J. Thomford, PhD

This amendment modifies the following portions of the protocol:

Effective June 8, 1998

1. **Page 4.** To include the vehicle used to dissolve the test material before mixing with the diet, add the following section.

Vehicle

Identification
Acetone

Lot Numbers
The lot numbers will be maintained in the raw data.

Purity
On file with the manufacturer

Stability
On file with the manufacturer

Storage Conditions
At room temperature

Characteristics
Information on synthesis methods, composition, or other characteristics that define the vehicle is on file with the manufacturer.

Effective June 19, 1998

2. **Page 9, Clinical Pathology, Method of Collection** To indicate that a different method of collection is required to provide additional blood, delete the text in this section and replace with the following:

Animals will be fasted overnight and anesthetized with carbon dioxide; blood will be collected via cardiac puncture. The anticoagulant will be potassium EDTA for hematology tests. Urine will be collected chilled overnight (approximately 16 hours).

3. **Page 11, Serum Perfluorooctane Sulfonic Acid (PFOS) Analyses, Method of Collection.** To indicate that a different method of collection is required to provide additional blood for PFOS analyses, delete the text in this section and replace with the following:

Animals will be fasted overnight and anesthetized with carbon dioxide; blood (as much as possible) will be collected via cardiac puncture. Samples will be collected without anticoagulant.

4. **Page 11, Termination, Scheduled Sacrifice.** To indicate a change in necropsy procedures required for collection of additional blood for PFOS analysis, delete the text in this section and replace with the following:

After at least 4 weeks of treatment, all surviving animals will be fasted overnight, then anesthetized with carbon dioxide, bled for clinical pathology tests and PFOS samples, weighed, exsanguinated, and necropsied.

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Effective July 13, 1998

5. **Page 3, Quality Assurance.** To indicate that quality assurance for tissue processing will be done by Pathology Associates International, delete the text in this section and replace with the following:

The protocol, study conduct, and final report will be audited by the Covance Quality Assurance Unit (QAU). Tissue processing will be audited by the QAU of Pathology Associates International, Ohio Operations. The proliferation cell nuclear antigen evaluation, data, and report will be audited by the QAU of Pathology Associates International, Frederick, Maryland. Liver and serum analyses, data, and report will be audited by the QAU of 3M Environmental Technology and Safety Services.

6. **Page 12, Postmortem Procedures, Histopathology.** To reflect the decision to ship tissues to Pathology Associates International for processing, delete the text in this section and replace with the following:

Tissue will be shipped for processing to:

Ms. Sheree Lovelace
Pathology Associates International
Ohio Operations
6217 Centre Park Drive
West Chester, Ohio 45069

The adrenals, brain, eyes, kidneys, liver, mesenteric lymph node, pancreas, spleen, testes, and ovaries from each animal will be embedded in paraffin, sectioned, and stained with hematoxylin and eosin.

Tissue slides will be examined microscopically by Richard H. Bruner, D.V.M. DAVCP of Pathology Associates International and the results from his evaluation will be included in the final report. After completion of the examination, slides and tissues will be returned to Covance-Madison.

Effective July 20, 1998

7. **Page 2, Study Monitor and Alternate Study Monitor.** To indicate the change in the area code, delete the text in these section and replace with the following:

Study Monitor
Andrew M. Seacat, PhD
3M
Telephone No.: 651.575.3161
Facsimile No.: 651.733.1773

Alternate Study Monitor
Marvin T. Case, DVM, PhD
3M Toxicology Services
Telephone No.: 651.733.5180
Facsimile No.: 651.733.1773

8 **Page 4, Disposition of Test Material.** To indicate the change in the area code, delete the text in these section and replace with the following:

After authorization from the Sponsor, any remaining test material will be returned to:

Andrew M. Seacat, PhD
3M
Toxicology Services
Building 220-2E-02, 3M Center
St. Paul, Minnesota 55144-1000
Telephone No.: 651.575.3161
Facsimile No.: 651.733.1733

9. **Page 10, Clinical Pathology, Tests, Urinalysis, Paragraph 2.** To indicate the change in the area code, delete the text in this paragraph and replace with the following:

The remaining urine (up to 10 mL) for each animal will stored in a freezer set to maintain -10 to -30°C. Samples will be packed on dry ice and shipped to:

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Kris J. Hansen, PhD
3M Environmental Technology and Safety Services
935 Bush Avenue
Building 2-3E-09
St. Paul, Minnesota 55133-3331
Telephone No.: 651.778.6018
Facsimile No.: 651.2.778.6176

10. **Page 11, Serum Perfluorooctane Sulfonic Acid (PFOS) Analyses, Sample Handling, Paragraph 1.** To indicate the change in the area code, delete the text in this paragraph and replace with the following:

Blood samples will be allowed to clot at room temperature and centrifuged. Serum samples will be harvested and stored in a freezer set to maintain -60 to -80°C. Samples will be packed on dry ice and shipped to:

Kris J. Hansen, PhD
3M Environmental Technology and Safety Services
935 Bush Avenue
Building 2-3E-09
St. Paul, Minnesota 55133-3331
Telephone No.: 651.778.6018
Facsimile No.: 651.778.6176

Effective December 15, 1998

11. **Page 13, Postmortem Procedures, Cell Proliferation Tissue Collection and Immunohistochemical Evaluation, Paragraph 3.** To include examination of liver sections will be stained with hematoxylin and eosin as part of the cell proliferation evaluation, delete this paragraph and replace with the following:

Proliferation cell nuclear antigen (PCNA) evaluation will be done on the samples. In addition, liver sections will be stained with hematoxylin and eosin and examined microscopically. Results will be provided for inclusion in the final report.

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AMENDMENT APPROVAL

Andrew M. Seacat

Andrew M. Seacat, PhD
Study Monitor
3M

Date June 10th 1999

Peter J. Thomford

Peter J. Thomford, PhD
Study Director
Covance Laboratories Inc.

Date 01 June 1999

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APPENDIX 2

Individual Animal Fate Data
Individual Clinical Observations

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APPENDIX 2

Individual Animal Fate Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C94491	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94492	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94493	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94494	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94495	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94496	1	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94497	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94498	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94499	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94500	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94501	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94502	2	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94503	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94504	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94505	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94506	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94507	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94508	3	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94509	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94510	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94511	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94512	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94513	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94514	4	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94515	5	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94516	5	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94517	5	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94518	5	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94519	5	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94520	5	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94521	6	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94522	6	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94523	6	MALE	D	UNSCHEDULED	UNSCHEDULED DEATH	07/06/98	25	4
C94524	6	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5

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APPENDIX 2

Individual Animal Fate Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C94525	6	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94526	6	MALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94527	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94528	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94529	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94530	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94531	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94532	1	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94533	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94534	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94535	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94536	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94537	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94538	2	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94539	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94540	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94541	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94542	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94543	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94544	3	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94545	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94546	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94547	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94548	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94549	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94550	4	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94551	5	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94552	5	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94553	5	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94554	5	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94555	5	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94556	5	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94557	6	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94558	6	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5

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APPENDIX 2

Individual Animal Fate Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DOSE GROUP	SEX	DEATH CODE	TYPE OF DEATH	DESCRIPTION OF DEATH	DATE OF DEATH	DAY OF STUDY	WEEK OF STUDY
C94559	6	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94560	6	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94561	6	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5
C94562	6	FEMALE	T	SCHEDULED	TERMINAL SACRIFICE	07/13/98	32	5

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Appendix 2

Individual Clinical Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M1 DOSE: 0 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-32 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C94491	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94492	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94493	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94494	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94495	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94496	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

T69000

Appendix 2

Individual Clinical Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	GROUP: M2 DOSE: 1 PPM DAYS 1-32 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C94497	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94498	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94499	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94500	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94501	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94502	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

0006932

Appendix 2

Individual Clinical Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY / KEYWORD / QUALIFIER (GROUP: M3 DOSE: 10 PPM)	DAYS 1-32 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C94503	T	5	SKIN & PELAGE	
			SORE/SCAB	
			DORSAL-THORACIC-LEFT	29, 32
			DORSAL-THORACIC-RIGHT	29, 32
C94504	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94505	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94506	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94507	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94508	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

000693

Appendix 2

Individual Clinical Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M4 DOSE: 30 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-32 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C94509	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94510	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94511	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94512	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94513	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94514	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

3M_00069469

Appendix 2

Individual Clinical Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

GROUP: M5 DOSE: 100 PPM

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER	DAYS 1-32 - OBSERVED DURING THE DAYS LISTED BELOW; 'C' - COMMENTS LISTED AT END OF OBSERVATIONS
C94515	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94516	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94517	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94518	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94519	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	
C94520	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS	

000693

Appendix 2

Individual Clinical Observations

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

CATEGORY GROUP: M6 DOSE: 500 PPM

DAYS 1-32 - OBSERVED DURING THE DAYS LISTED BELOW;
'C' - COMMENTS LISTED AT END OF OBSERVATIONS

ANIMAL NUMBER	DEATH CODE	WK OF DEATH	CATEGORY KEYWORD QUALIFIER
C94521	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C94522	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C94523	D	4	ANIMAL HAS NO SIGNIFICANT FINDINGS
C94524	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C94525	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS
C94526	T	5	ANIMAL HAS NO SIGNIFICANT FINDINGS

000696

APPENDIX 3

Individual Body Weight Data (g)

00069

Appendix 3

Individual Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25	DAY 29	DAY 32
GROUP: MALE 1 - 0 PPM										
C94491	167	193	226	248	280	296	325	338	359	347
C94492	181	204	237	263	294	315	346	369	389	371
C94493	181	207	244	267	290	308	330	347	366	349
C94494	173	195	234	257	296	319	354	374	402	388
C94495	153	178	212	240	272	295	327	347	369	355
C94496	161	183	212	228	255	269	294	306	317	302
GROUP: MALE 2 - 1 PPM										
C94497	166	190	228	252	281	299	329	341	363	355
C94498	170	192	223	243	273	289	310	328	342	328
C94499	184	210	246	273	309	330	365	387	407	393
C94500	145	168	198	221	255	276	304	324	346	331
C94501	175	201	232	255	280	298	323	341	352	343
C94502	164	188	222	246	274	291	310	328	345	330
GROUP: MALE 3 - 10 PPM										
C94503	173	196	235	258	288	305	334	347	366	351
C94504	188	210	251	278	307	328	358	373	393	380
C94505	153	173	208	234	269	289	319	340	366	348
C94506	168	189	219	246	267	286	314	330	345	334
C94507	157	179	209	231	254	270	292	307	321	306
C94508	180	205	239	263	293	314	347	360	382	370
GROUP: MALE 4 - 30 PPM										
C94509	173	191	224	245	267	279	300	311	328	312
C94510	144	165	187	214	238	249	269	284	305	293
C94511	156	178	213	238	261	274	302	312	333	318
C94512	183	207	247	270	298	318	348	365	390	376

000698

Appendix 3

Individual Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25	DAY 29	DAY 32
GROUP: MALE 4 - 30 PPM										
C94513	163	185	219	243	271	290	321	341	364	344
C94514	178	202	236	261	290	305	335	353	378	363
GROUP: MALE 5 - 100 PPM										
C94515	169	190	222	248	276	292	319	334	351	340
C94516	154	172	201	223	250	261	289	306	317	304
C94517	194	217	249	265	292	310	330	346	363	346
C94518	162	185	213	235	261	279	305	320	337	325
C94519	156	179	213	236	267	281	308	324	342	326
C94520	171	191	225	247	279	293	321	334	351	332
GROUP: MALE 6 - 500 PPM										
C94521	155	170	188	201	217	226	243	250	256	236
C94522	176	194	203	222	229	251	261	270	279	255
C94523	171	182	203	218	228	236	238			
C94524	146	164	183	197	214	221	215	223	236	219
C94525	164	173	195	215	230	240	248	252	256	239
C94526	171	177	200	213	226	239	254	262	265	240
GROUP: FEMALE 1 - 0 PPM										
C94527	139	154	171	178	193	199	205	222	239	224
C94528	128	141	160	175	191	193	211	219	233	217
C94529	149	167	187	197	215	221	235	246	257	241
C94530	145	161	181	191	202	211	230	243	253	245
C94531	143	157	177	189	200	202	219	223	233	215
C94532	118	134	155	165	174	178	193	197	205	194

000639

Appendix 3

Individual Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25	DAY 29	DAY 32
GROUP: FEMALE 2 - 1 PPM										
C94533	130	146	165	172	184	194	206	212	227	211
C94534	135	149	164	176	185	197	209	214	221	207
C94535	136	162	178	179	195	205	219	224	242	225
C94536	125	146	161	171	180	188	205	216	225	213
C94537	143	160	177	184	200	209	225	237	248	231
C94538	123	139	157	165	176	186	196	205	215	201
GROUP: FEMALE 3 - 10 PPM										
C94539	141	163	180	188	203	212	225	238	243	227
C94540	132	143	162	170	178	181	186	193	198	185
C94541	158	182	195	201	210	226	241	257	267	245
C94542	144	157	176	202	233	227	236	244	256	252
C94543	115	127	145	151	160	166	174	178	183	178
C94544	120	133	148	156	174	181	189	198	206	196
GROUP: FEMALE 4 - 30 PPM										
C94545	135	141	160	169	178	184	192	201	209	196
C94546	130	150	170	180	194	200	217	230	242	228
C94547	153	171	189	201	216	223	240	250	263	245
C94548	121	134	152	160	172	178	186	198	208	196
C94549	141	150	169	183	198	203	216	222	230	216
C94550	128	138	155	170	181	184	196	201	211	195
GROUP: FEMALE 5 - 100 PPM										
C94551	114	129	142	149	158	164	176	180	189	180
C94552	146	158	173	184	193	197	208	215	222	211
C94553	141	165	184	194	207	213	220	227	231	215
C94554	130	142	157	167	177	180	192	195	204	193

0007700

Appendix 3

Individual Body Weight Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25	DAY 29	DAY 32
GROUP: FEMALE 5 - 100 PPM										
C94555	124	136	152	166	176	183	197	206	215	201
C94556	139	152	165	175	186	195	210	215	229	213
GROUP: FEMALE 6 - 500 PPM										
C94557	141	138	147	155	164	159	162	172	170	160
C94558	140	141	153	157	162	166	169	171	176	161
C94559	114	121	131	136	138	140	149	149	152	140
C94560	126	137	150	158	166	174	184	191	198	180
C94561	145	142	155	159	171	170	179	182	188	171
C94562	144	146	151	164	169	173	180	179	184	171

007701

APPENDIX 4

Individual Food Consumption Data (g)
Individual Test Material Consumption Data (mg/kg/day)

000702

Appendix 4

Individual Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25
GROUP: MALE 1 - 0 PPM								
C94491	73	99	76	105	80	105	84	115
C94492	74	97	77	104	80	110	87	117
C94493	85	111	89	109	81	106	87	123
C94494	79	108	85	123	94	122	102	138
C94495	70	99	81	111	82	112	89	116
C94496	72	96	69	95	70	95	76	SPILLED
GROUP: MALE 2 - 1 PPM								
C94497	77	107	85	112	85	113	86	126
C94498	73	95	73	102	73	97	82	105
C94499	87	116	91	125	94	125	102	135
C94500	65	94	73	105	81	113	89	126
C94501	78	104	82	106	80	104	85	113
C94502	73	98	77	101	78	97	87	186
GROUP: MALE 3 - 10 PPM								
C94503	75	105	81	112	82	106	94	116
C94504	75	107	87	113	86	113	92	127
C94505	67	97	80	107	82	108	89	120
C94506	69	93	77	94	75	100	81	107
C94507	68	92	74	96	72	94	78	101
C94508	77	104	81	105	82	107	86	120
GROUP: MALE 4 - 30 PPM								
C94509	71	98	73	98	68	97	75	101
C94510	65	82	75	94	66	87	74	98
C94511	73	98	79	100	71	99	80	113
C94512	77	106	84	114	84	113	88	128

000703

Appendix 4

Individual Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25
GROUP: MALE 4 - 30 PPM								
C94513	68	94	73	102	72	100	81	108
C94514	73	98	77	100	76	102	81	110
GROUP: MALE 5 - 100 PPM								
C94515	68	92	74	98	73	98	78	103
C94516	61	81	64	87	63	88	72	90
C94517	78	102	74	103	77	98	83	115
C94518	71	93	72	97	74	97	74	100
C94519	71	96	76	103	75	104	81	111
C94520	74	101	77	110	79	105	81	107
GROUP: MALE 6 - 500 PPM								
C94521	61	73	51	72	54	69	52	72
C94522	68	60	60	67	63	70	62	75
C94523	68	78	58	75	54	63	NOT TAKEN	
C94524	65	75	62	80	59	57	43	69
C94525	59	78	64	77	59	68	50	66
C94526	62	77	65	79	62	78	64	76
GROUP: FEMALE 1 - 0 PPM								
C94527	53	63	50	77	52	66	57	84
C94528	67	79	64	83	57	80	61	92
C94529	69	85	61	83	60	81	64	89
C94530	59	78	61	78	60	84	75	SPILLED
C94531	63	85	59	84	59	79	64	79
C94532	52	72	54	72	59	74	53	68

Appendix 4

Individual Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25
GROUP: FEMALE 2 - 1 PPM								
C94533	57	77	56	76	56	74	59	80
C94534	60	79	61	80	63	84	60	84
C94535	71	81	59	87	61	77	66	95
C94536	62	74	57	72	55	81	68	82
C94537	65	81	61	85	66	85	69	98
C94538	58	76	54	75	57	70	57	78
GROUP: FEMALE 3 - 10 PPM								
C94539	67	84	59	76	59	77	62	83
C94540	54	74	53	70	47	62	53	67
C94541	76	85	58	78	67	83	71	95
C94542	62	78	73	106	63	78	64	96
C94543	54	68	50	69	48	63	52	69
C94544	48	56	42	60	44	52	47	72
GROUP: FEMALE 4 - 30 PPM								
C94545	51	68	50	66	48	60	49	66
C94546	65	79	58	77	58	79	63	81
C94547	67	87	66	87	64	90	75	SPILLED
C94548	54	73	55	72	53	71	57	74
C94549	60	77	62	82	57	80	62	83
C94550	52	70	58	72	52	67	51	71
GROUP: FEMALE 5 - 100 PPM								
C94551	55	69	52	65	52	85	58	SPILLED
C94552	61	75	58	73	53	70	54	73
C94553	62	77	59	77	57	69	56	69
C94554	53	69	54	70	49	67	49	67

0007705

Appendix 4

Individual Food Consumption Data (g)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25
GROUP: FEMALE 5 - 100 PPM								
C94555	55	70	57	73	52	73	57	75
C94556	60	73	54	72	57	76	57	82
GROUP: FEMALE 6 - 500 PPM								
C94557	43	49	44	54	31	46	40	45
C94558	60	55	45	53	42	52	41	61
C94559	48	54	40	44	32	46	33	45
C94560	53	62	46	63	46	58	49	59
C94561	46	46	44	60	43	56	44	61
C94562	54	49	49	SPILLED	52	51	42	55

902000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25
GROUP: MALE 2 - 1 PPM								
C94497	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94498	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94499	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94501	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94502	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
GROUP: MALE 3 - 10 PPM								
C94503	1.4	1.2	1.1	1.0	0.9	0.8	0.9	0.8
C94504	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8
C94505	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.8
C94506	1.3	1.1	1.1	0.9	0.9	0.8	0.8	0.8
C94507	1.3	1.2	1.1	1.0	0.9	0.8	0.9	0.8
C94508	1.3	1.2	1.1	0.9	0.9	0.8	0.8	0.8
GROUP: MALE 4 - 30 PPM								
C94509	3.9	3.5	3.1	2.9	2.5	2.5	2.5	2.4
C94510	4.2	3.5	3.7	3.1	2.7	2.5	2.7	2.5
C94511	4.4	3.8	3.5	3.0	2.7	2.6	2.6	2.6
C94512	3.9	3.5	3.2	3.0	2.7	2.5	2.5	2.5
C94513	3.9	3.5	3.2	3.0	2.6	2.5	2.4	2.3
C94514	3.8	3.4	3.1	2.7	2.6	2.4	2.4	2.3
GROUP: MALE 5 - 100 PPM								
C94515	12.6	11.2	10.5	9.4	8.6	8.0	8.0	7.5
C94516	12.5	10.9	10.1	9.2	8.2	8.0	8.1	7.2
C94517	12.7	10.9	9.6	9.2	8.5	7.7	8.2	8.1
C94518	13.6	11.7	10.7	9.8	9.1	8.3	7.9	7.6

2004000

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25
GROUP: MALE 5 - 100 PPM								
C94519	14.1	12.2	11.3	10.2	9.1	8.8	8.5	8.3
C94520	13.6	12.1	10.9	10.5	9.2	8.6	8.2	7.8
GROUP: MALE 6 - 500 PPM								
C94521	62.6	51.0	43.7	43.1	40.6	36.8	35.2	35.6
C94522	61.3	37.8	47.1	37.1	43.8	34.2	38.9	34.2
C94523	64.2	50.6	45.9	42.0	38.8	33.2	NOT TAKEN	NOT TAKEN
C94524	69.9	54.0	54.4	48.7	45.2	32.7	32.7	37.6
C94525	58.4	53.0	52.0	43.3	41.8	34.8	33.3	32.5
C94526	59.4	51.1	52.5	45.0	44.4	39.6	41.3	36.1
GROUP: FEMALE 2 - 1 PPM								
C94533	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94534	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94535	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94536	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94537	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C94538	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
GROUP: FEMALE 3 - 10 PPM								
C94539	1.5	1.2	1.1	1.0	0.9	0.9	0.9	0.9
C94540	1.3	1.2	1.1	1.0	0.9	0.8	0.9	0.9
C94541	1.5	1.1	1.0	0.9	1.0	0.9	1.0	0.9
C94542	1.4	1.2	1.3	1.2	0.9	0.8	0.9	1.0
C94543	1.5	1.3	1.1	1.1	1.0	0.9	1.0	1.0
C94544	1.3	1.0	0.9	0.9	0.8	0.7	0.8	0.9

007708

Appendix 4

Individual Test Material Consumption Data (mg/kg/day)

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	DAY 1	DAY 4	DAY 8	DAY 11	DAY 15	DAY 18	DAY 22	DAY 25
GROUP: FEMALE 4 - 30 PPM								
C94545	3.7	3.4	3.0	2.9	2.7	2.4	2.5	2.4
C94546	4.6	3.7	3.3	3.1	2.9	2.8	2.8	2.6
C94547	4.1	3.6	3.4	3.1	2.9	2.9	3.1	SPILLED
C94548	4.2	3.8	3.5	3.3	3.0	2.9	3.0	2.7
C94549	4.1	3.6	3.5	3.2	2.8	2.9	2.8	2.8
C94550	3.9	3.6	3.6	3.1	2.8	2.6	2.6	2.6
GROUP: FEMALE 5 - 100 PPM								
C94551	15.1	12.7	11.9	10.6	10.8	12.5	10.9	SPILLED
C94552	13.4	11.3	10.8	9.7	9.1	8.6	8.5	8.4
C94553	13.5	11.0	10.4	9.6	9.0	8.0	8.4	7.5
C94554	13.0	11.5	11.1	10.2	9.2	9.0	8.4	8.4
C94555	14.1	12.2	11.9	10.7	9.7	9.6	9.4	8.9
C94556	13.7	11.5	10.6	10.0	10.0	9.4	8.9	9.2
GROUP: FEMALE 6 - 500 PPM								
C94557	51.4	43.0	48.6	42.3	32.0	35.8	39.9	32.9
C94558	71.2	46.8	48.4	41.5	42.7	38.8	40.2	43.9
C94559	68.1	53.6	49.9	40.1	38.4	39.8	36.9	37.4
C94560	67.2	54.0	49.8	48.6	45.1	40.5	43.6	37.9
C94561	53.4	38.7	46.7	45.5	42.0	40.1	40.6	41.2
C94562	62.1	41.2	51.9	SPILLED	50.7	36.1	39.0	37.9

0007209

APPENDIX 5

Individual Clinical Hematology Data
Individual Clinical Chemistry Data
Individual Clinical Urinalysis Data

Appendix 5

Individual Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS				
C94491	7.82	15.3	45.6	58.2	19.6	33.6	1220
C94492	7.56	15.5	46.4	61.4	20.5	33.4	985
C94493	7.47	14.9	44.8	60.0	20.0	33.3	940
C94494	6.91	14.9	43.7	63.3	21.6	34.1	989
C94495	6.61	13.9	41.2	62.3	21.0	33.8	986
C94496	7.39	15.3	45.7	61.9	20.8	33.5	808
MEAN	7.29	15.0	44.6	61.2	20.6	33.6	988
S.D.	.448	.58	1.89	1.82	.72	.29	133.1
N	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS				
C94497	7.43	15.0	45.3	61.0	20.2	33.2	969
C94498	7.06	15.0	44.4	62.9	21.3	33.9	1170
C94499	7.09	14.5	42.6	60.0	20.4	34.1	949
C94500	7.23	13.6	40.5	56.0	18.9	33.7	1301
C94501	7.68	15.2	46.2	60.2	19.8	32.9	877
C94502	7.55	14.6	45.3	60.0	19.4	32.3	1079
MEAN	7.34	14.6	44.1	60.0	20.0	33.4	1058
S.D.	.253	.58	2.12	2.26	.84	.68	157.9
N	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS				
C94503	6.96	14.2	42.0	60.3	20.5	33.9	1139
C94504	7.06	15.1	44.3	62.8	21.4	34.1	1036
C94505	7.41	15.2	45.3	61.1	20.6	33.7	1204
C94506	7.44	14.9	44.0	59.2	20.0	33.8	1012
C94507	7.44	14.5	43.1	58.0	19.4	33.5	899
C94508	7.31	15.3	45.2	61.9	20.9	33.8	977
MEAN	7.27	14.9	44.0	60.6	20.5	33.8	1044
S.D.	.209	.43	1.27	1.76	.70	.20	110.7
N	6	6	6	6	6	6	6

0007111

Appendix 5

Individual Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS				
C94509	7.53	15.1	44.0	58.4	20.0	34.2	1009
C94510	7.38	15.0	45.2	61.2	20.3	33.2	770
C94511	7.63	15.3	45.7	59.9	20.0	33.4	1016
C94512	7.39	15.6	45.5	61.6	21.1	34.3	1121
C94513	7.25	14.5	43.2	59.5	20.0	33.7	1116
C94514	7.23	14.5	43.6	60.3	20.1	33.3	1310
MEAN	7.40	15.0	44.5	60.2	20.2	33.7	1057
S.D.	.156	.44	1.07	1.16	.43	.47	177.7
N	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS				
C94515	6.08	12.9	38.3	62.9	21.2	33.8	1052
C94516	6.40	14.1	40.9	63.8	22.0	34.4	1069
C94517	7.99	16.2	47.9	60.0	20.3	33.8	1114
C94518	6.86	14.5	43.0	62.8	21.1	33.6	1251
C94519	7.61	15.3	46.0	60.5	20.1	33.2	894
C94520	7.08	14.3	42.4	59.8	20.2	33.8	1306
MEAN	7.00	14.6	43.1	61.6	20.8	33.8	1114
S.D.	.719	1.12	3.46	1.73	.75	.39	148.3
N	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS				
C94521	5.18	11.8	33.6	64.8	22.8	35.1	1059
C94522	6.57	13.5	39.3	59.9	20.5	34.3	899
C94524	5.63	11.6	34.1	60.5	20.6	34.0	677
C94525	5.58	11.3	33.5	60.0	20.3	33.8	1069
C94526	6.54	13.2	39.5	60.4	20.1	33.3	1132
MEAN	5.90	12.3	36.0	61.1	20.9	34.1	967
S.D.	.623	1.00	3.11	2.07	1.10	.67	183.6
N	5	5	5	5	5	5	5

Appendix 5

Individual Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS								
C94491	14.7	.8	12.5	1.2	.1	.1	6	85	8	1	1
C94492	11.2	1.2	9.3	.6	.1	.0	10	83	6	1	0
C94493	13.6	1.3	10.9	.9	.5	.0	9	80	7	3	0
C94494	13.3	1.7	10.3	1.1	.2	.0	13	78	8	1	0
C94495	6.0	.5	5.4	.2	.0	.0	8	89	3	0	0
C94496	10.5	.8	8.1	1.4	.2	.0	7	77	14	2	0
MEAN	11.6	1.0	9.4	.9	.2	.0	9	82	8	1	0
S.D.	3.14	.43	2.46	.44	.17	.04	2.5	4.6	3.6	1.0	.4
N	6	6	6	6	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS								
C94497	7.4	1.0	6.0	.4	.1	.0	13	80	6	1	0
C94498	9.1	1.0	7.7	.4	.1	.0	11	84	4	1	0
C94499	11.9	1.4	9.5	.8	.1	.0	12	80	7	1	0
C94500	16.7	2.8	12.3	1.5	.0	.1	17	74	9	0	0
C94501	14.5	.8	12.6	.9	.1	.0	6	87	6	1	0
C94502	10.8	1.1	8.7	.8	.1	.0	10	81	7	1	0
MEAN	11.7	1.4	9.5	.8	.1	.0	12	81	6	1	0
S.D.	3.43	.74	2.59	.40	.04	.04	3.6	4.4	1.6	.4	.0
N	6	6	6	6	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS								
C94503	15.8	2.2	12.3	1.2	.2	.0	14	78	7	1	0
C94504	18.4	1.0	16.4	.7	.2	.1	6	89	4	1	0
C94505	11.2	1.3	9.1	.7	.1	.0	12	81	6	1	0
C94506	16.2	2.1	12.9	.9	.3	.0	13	80	6	2	0
C94507	5.2	1.0	3.2	.9	.0	.0	20	62	16	1	1
C94508	15.1	1.0	13.4	.6	.1	.0	7	89	4	1	0
MEAN	13.6	1.4	11.2	.8	.2	.0	12	80	7	1	0
S.D.	4.76	.57	4.57	.22	.10	.04	5.1	9.9	4.5	.4	.4
N	6	6	6	6	6	6	6	6	6	6	6

0007713

Individual Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS								
C94509	13.3	.7	11.6	.7	.2	.0	5	88	5	1	0
C94510	13.1	.7	11.6	.6	.2	.0	5	89	5	1	0
C94511	10.6	.7	8.5	1.3	.1	.0	6	80	12	1	0
C94512	13.1	1.1	10.9	1.0	.1	.0	8	84	7	1	0
C94513	11.2	.8	9.8	.6	.1	.0	7	87	5	1	0
C94514	12.4	.8	11.0	.4	.1	.0	6	89	4	1	0
MEAN	12.3	.8	10.6	.8	.1	.0	6	86	6	1	0
S.D.	1.13	.15	1.21	.33	.05	.00	1.2	3.5	2.9	.0	.0
N	6	6	6	6	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS								
C94515	13.4	1.4	11.3	.6	.1	.0	10	85	4	1	0
C94516	10.9	1.0	9.6	.2	.1	.0	9	88	2	1	0
C94517	18.6	1.4	15.5	1.5	.1	.1	8	83	8	1	0
C94518	13.4	1.0	12.1	.2	.1	.0	7	90	2	1	0
C94519	12.5	.7	11.0	.7	.1	.0	6	88	5	1	0
C94520	9.0	1.1	7.3	.5	.1	.0	12	81	5	1	0
MEAN	13.0	1.1	11.1	.6	.1	.0	9	86	4	1	0
S.D.	3.24	.27	2.72	.48	.00	.04	2.2	3.4	2.3	.0	.0
N	6	6	6	6	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS								
C94521	9.8	.7	8.7	.4	.0	.0	7	89	4	0	0
C94522	12.5	2.3	9.1	1.0	.0	.1	18	73	8	0	1
C94524	8.1	.7	7.1	.3	.1	.0	8	88	3	1	0
C94525	11.6	.6	10.3	.6	.0	.0	5	89	5	0	0
C94526	9.8	2.0	7.0	.7	.0	.0	21	72	7	0	0
MEAN	10.4	1.3	8.4	.6	.0	.0	12	82	5	0	0
S.D.	1.72	.82	1.40	.27	.04	.04	7.2	8.9	2.1	.4	.4
N	5	5	5	5	5	5	5	5	5	5	5

0007144

Appendix 5

Individual Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS		
C94491	-	-	-	-	-
C94492	-	-	-	-	-
C94493	-	-	-	-	-
C94494	-	-	-	-	-
C94495	-	-	-	-	-
C94496	-	-	-	-	-
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS		
C94497	-	-	-	-	-
C94498	-	-	-	-	-
C94499	-	-	-	-	-
C94500	-	-	-	-	-
C94501	-	-	-	-	-
C94502	-	-	-	-	-
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS		
C94503	-	-	-	-	-
C94504	-	-	-	-	-
C94505	-	-	-	-	-
C94506	-	-	-	-	-
C94507	-	-	-	-	-
C94508	-	-	-	-	-
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS		
C94509	-	-	-	-	-
C94510	-	-	-	-	-
C94511	-	-	-	-	-
C94512	-	-	-	-	-
C94513	-	-	-	-	-
C94514	-	-	-	-	-

000715

Appendix 5

Individual Clinical Hematology Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS		
C94515	-	-	-	-	-
C94516	-	-	-	-	-
C94517	-	-	-	-	-
C94518	-	-	-	-	-
C94519	-	-	-	-	-
C94520	-	-	-	-	-
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS		
C94521	-	-	-	-	-
C94522	-	-	-	-	-
C94524	-	-	-	-	-
C94525	-	-	-	-	-
C94526	-	-	-	-	-

000716

Appendix 5

Individual Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS				
C94527	6.11	13.8	40.5	66.2	22.6	34.2	939
C94528	6.96	14.6	43.4	62.3	21.0	33.8	1072
C94529	7.65	15.6	46.1	60.2	20.4	33.9	979
C94530	6.86	14.3	41.6	60.7	20.8	34.3	1031
C94531	7.77	15.1	45.1	58.1	19.4	33.4	903
C94532	7.37	15.1	44.2	59.9	20.5	34.2	1148
MEAN	7.12	14.8	43.5	61.2	20.8	34.0	1012
S.D.	.613	.65	2.12	2.78	1.05	.34	90.3
N	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS				
C94533	7.65	16.0	46.5	60.7	20.9	34.4	1226
C94534	7.82	15.7	45.7	58.5	20.1	34.3	974
C94535	7.11	14.9	44.4	62.4	21.0	33.7	1109
C94536	7.28	15.2	44.7	61.5	20.9	34.0	921
C94537	7.56	15.4	46.0	60.9	20.4	33.5	898
C94538	7.03	14.6	42.8	60.9	20.8	34.2	904
MEAN	7.41	15.3	45.0	60.8	20.7	34.0	1005
S.D.	.316	.51	1.34	1.29	.35	.35	133.7
N	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS				
C94539	8.09	17.0	49.8	61.6	21.0	34.1	1041
C94540	6.98	14.7	44.8	64.1	21.1	32.9	830
C94541	7.43	15.3	45.9	61.8	20.6	33.4	919
C94542	8.11	16.4	48.5	59.8	20.2	33.7	1156
C94543	7.83	15.6	46.1	58.9	20.0	34.0	1065
C94544	7.25	14.6	43.5	60.0	20.2	33.6	845
MEAN	7.62	15.6	46.4	61.0	20.5	33.6	976
S.D.	.466	.95	2.34	1.87	.46	.44	131.4
N	6	6	6	6	6	6	6

0007427

Appendix 5

Individual Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC $X10^6/\mu L$	HGB G/DL	HCT %	MCV FL	MCH PG	MCHC %	PLT $X10^3/\mu L$
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS				
C94545	7.11	14.7	42.8	60.1	20.6	34.3	934
C94546	7.09	14.5	42.2	59.5	20.5	34.4	1058
C94547	7.17	14.9	42.9	59.7	20.7	34.7	1021
C94548	7.07	14.5	43.0	60.8	20.5	33.7	950
C94549	6.97	14.6	42.6	61.1	21.0	34.3	1106
C94550	7.73	15.8	47.1	60.9	20.5	33.6	1092
MEAN	7.19	14.8	43.4	60.4	20.6	34.2	1027
S.D.	.272	.50	1.82	.67	.20	.43	72.2
N	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS				
C94551	7.45	14.8	43.4	58.2	19.9	34.1	1016
C94552	7.22	14.8	43.0	59.5	20.5	34.5	1061
C94553	7.33	14.8	44.0	60.1	20.2	33.7	1228
C94554	6.87	14.4	42.8	62.3	21.0	33.7	1075
C94555	8.05	16.1	47.2	58.6	19.9	34.1	1165
C94556	7.46	14.9	44.2	59.2	19.9	33.6	871
MEAN	7.40	15.0	44.1	59.6	20.2	33.9	1069
S.D.	.386	.58	1.61	1.46	.45	.34	123.8
N	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS				
C94557	5.96	12.4	35.6	59.7	20.8	34.9	759
C94558	6.34	12.3	36.6	57.8	19.5	33.7	1027
C94559	6.12	11.1	31.6	51.7	18.2	35.2	1057
C94560	6.09	12.6	37.1	60.9	20.7	34.0	1091
C94561	6.53	13.1	37.9	58.0	20.1	34.6	1255
C94562	7.00	14.4	42.3	60.4	20.6	34.1	1065
MEAN	6.34	12.6	36.8	58.1	20.0	34.4	1042
S.D.	.381	1.08	3.47	3.37	1.00	.58	160.5
N	6	6	6	6	6	6	6

000718

Individual Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS								
C94527	5.6	1.2	4.1	.2	.1	.0	21	74	4	1	0
C94528	2.8	.2	2.5	.1	.0	.0	9	88	2	1	0
C94529	12.0	.5	9.4	2.0	.1	.1	4	78	17	1	0
C94530	7.4	.6	5.8	.9	.1	.0	8	79	12	1	0
C94531	5.0	.6	4.2	.2	.1	.0	11	84	4	1	0
C94532	10.0	.5	8.8	.6	.1	.0	5	88	6	1	0
MEAN	7.1	.6	5.8	.7	.1	.0	10	82	8	1	0
S.D.	3.40	.33	2.77	.72	.04	.04	6.1	5.7	5.8	.0	.0
N	6	6	6	6	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS								
C94533	12.1	.8	10.8	.4	.1	.0	7	90	3	1	0
C94534	4.4	.2	3.8	.4	.0	.0	5	86	8	0	0
C94535	8.5	.9	7.1	.3	.2	.0	11	84	3	2	0
C94536	4.3	.3	3.7	.2	.0	.0	8	86	5	1	0
C94537	5.7	.9	4.3	.4	.0	.0	16	76	7	1	0
C94538	13.1	.4	12.0	.6	.1	.0	3	92	5	0	0
MEAN	8.0	.6	7.0	.4	.1	.0	8	86	5	1	0
S.D.	3.87	.32	3.68	.13	.08	.00	4.6	5.6	2.0	.8	.0
N	6	6	6	6	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS								
C94539	12.3	1.2	9.8	1.2	.1	.0	10	80	10	1	0
C94540	5.4	.4	4.5	.5	.1	.0	7	84	8	1	0
C94541	9.9	.5	8.4	.8	.1	.0	5	85	8	1	0
C94542	5.3	.4	4.7	.1	.1	.0	8	88	2	1	0
C94543	9.2	.4	8.3	.4	.1	.0	4	90	4	1	0
C94544	5.6	.3	4.8	.5	.0	.0	6	85	8	1	0
MEAN	8.0	.5	6.8	.6	.1	.0	7	85	7	1	0
S.D.	2.94	.33	2.34	.38	.04	.00	2.2	3.4	3.0	.0	.0
N	6	6	6	6	6	6	6	6	6	6	6

000743

Individual Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	WBC $X10^3/\mu L$	N-SEG $X10^3/\mu L$	LYMPH $X10^3/\mu L$	MONO $X10^3/\mu L$	EOSIN $X10^3/\mu L$	BASO $X10^3/\mu L$	N-SEG%	LYMPH%	MONO%	EOSIN%	BASO%
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS								
C94545	11.3	1.7	8.8	.7	.1	.0	15	78	6	1	0
C94546	15.1	.6	13.6	.8	.1	.0	4	90	5	1	0
C94547	12.5	1.0	10.8	.6	.1	.0	8	86	5	1	0
C94548	5.2	.2	4.8	.1	.1	.0	4	93	2	1	0
C94549	9.7	.9	8.4	.4	.1	.0	9	86	4	1	0
C94550	14.0	.9	12.5	.5	.1	.0	6	90	3	1	0
MEAN	11.3	.9	9.8	.5	.1	.0	8	87	4	1	0
S.D.	3.55	.50	3.18	.25	.00	.00	4.1	5.2	1.5	.0	.0
N	6	6	6	6	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS								
C94551	12.1	.6	10.5	.8	.1	.0	5	87	7	1	0
C94552	13.6	.7	12.8	.1	.0	.0	5	94	1	0	0
C94553	12.1	.6	11.1	.4	.1	.0	5	91	3	1	0
C94554	7.0	.5	6.2	.3	.0	.0	7	88	5	1	0
C94555	15.3	.6	14.2	.3	.1	.0	4	93	2	1	0
C94556	9.5	.5	7.9	1.0	.1	.0	6	83	10	1	0
MEAN	11.6	.6	10.4	.5	.1	.0	5	89	5	1	0
S.D.	2.96	.08	2.99	.34	.05	.00	1.0	4.1	3.4	.4	.0
N	6	6	6	6	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS								
C94557	9.0	.4	8.3	.3	.0	.0	4	92	3	0	0
C94558	9.5	1.1	8.1	.3	.0	.0	11	85	3	0	0
C94559	13.5	.6	12.3	.5	.0	.0	5	91	4	0	0
C94560	17.2	.6	16.4	.2	.0	.0	3	95	1	0	0
C94561	13.3	.5	12.1	.6	.0	.1	4	91	5	0	0
C94562	6.2	.3	5.7	.2	.0	.0	5	91	3	0	0
MEAN	11.4	.6	10.5	.4	.0	.0	5	91	3	0	0
S.D.	3.95	.28	3.85	.16	.00	.04	2.9	3.3	1.3	.0	.0
N	6	6	6	6	6	6	6	6	6	6	6

0027000

Appendix 5

Individual Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS		
C94527	-	-	-	-	-
C94528	-	-	-	-	-
C94529	-	-	-	-	-
C94530	-	-	-	-	-
C94531	-	-	-	-	-
C94532	-	-	-	-	-
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS		
C94533	-	-	-	-	-
C94534	-	-	-	-	-
C94535	-	-	-	-	-
C94536	-	-	-	-	-
C94537	-	-	-	-	-
C94538	-	-	-	-	-
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS		
C94539	-	-	-	-	-
C94540	-	-	-	-	-
C94541	-	-	-	-	-
C94542	-	-	-	-	-
C94543	-	-	-	-	-
C94544	-	-	-	-	-
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS		
C94545	-	-	-	-	-
C94546	-	-	-	-	-
C94547	-	-	-	-	-
C94548	-	-	-	-	-
C94549	-	-	-	-	-
C94550	-	-	-	-	-

T24000

Appendix 5

Individual Clinical Hematology Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	ANISO	POLY	POIK	HYPO	TOXNEUT
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS		
C94551	-	-	-	-	-
C94552	-	-	-	-	-
C94553	-	-	-	-	-
C94554	-	-	-	-	-
C94555	-	-	-	-	-
C94556	-	-	-	-	-
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS		
C94557	-	-	-	-	-
C94558	-	-	-	-	-
C94559	1	-	-	-	-
C94560	-	-	-	-	-
C94561	-	-	-	-	-
C94562	-	-	-	-	-

000722

Appendix 5

Individual Clinical Chemistry Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C94491	140	15	.5	6.3	4.6	1.7	.3	56
C94492	194	14	.8	6.4	4.8	1.6	.2	50
C94493	211	13	.5	5.6	4.1	1.5	.0	49
C94494	149	16	.8	6.3	4.6	1.7	.2	56
C94495	111	13	.5	6.2	4.7	1.5	.1	33
C94496	127	12	.7	6.0	4.3	1.7	.1	37
MEAN	155	14	.6	6.1	4.5	1.6	.2	47
S.D.	39.1	1.5	.15	.29	.26	.10	.10	9.7
N	6	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS					
C94497	133	15	1.0	6.3	4.5	1.8	.1	43
C94498	124	10	.6	6.9	5.0	1.9	.0	80
C94499	165	16	.7	6.3	4.5	1.8	.0	56
C94500	139	11	.4	5.8	4.2	1.6	.2	48
C94501	123	12	.5	6.3	4.7	1.6	.2	48
C94502	124	15	.7	6.3	4.6	1.7	.2	56
MEAN	135	13	.6	6.3	4.6	1.7	.1	55
S.D.	16.2	2.5	.21	.35	.26	.12	.10	13.2
N	6	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS					
C94503	129	12	.5	6.2	4.4	1.8	.2	43
C94504	197	11	.6	6.4	4.6	1.8	.0	28
C94505	137	15	.9	6.2	4.4	1.8	.4	40
C94506	128	10	.3	5.9	4.4	1.5	.0	65
C94507	98	13	.7	6.0	4.6	1.4	.3	37
C94508	136	13	.5	6.0	4.4	1.6	.2	50
MEAN	138	12	.6	6.1	4.5	1.6	.2	44
S.D.	32.5	1.8	.20	.18	.10	.18	.16	12.6
N	6	6	6	6	6	6	6	6

000723

Appendix 5

Individual Clinical Chemistry Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS					
C94509	119	13	.4	5.7	4.4	1.3	.0	30
C94510	97	14	.6	6.0	4.4	1.6	.2	30
C94511	122	11	.6	6.0	4.4	1.6	.4	39
C94512	184	12	.7	6.7	4.9	1.8	.2	59
C94513	196	11	.5	6.0	4.4	1.6	.0	35
C94514	126	14	.8	6.7	4.7	2.0	.3	44
MEAN	141	12	.6	6.2	4.5	1.6	.2	40
S.D.	39.7	1.4	.14	.42	.22	.23	.16	11.0
N	6	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS					
C94515	167	16	.6	5.8	4.5	1.3	.0	55
C94516	80	15	.7	6.0	4.7	1.3	.0	43
C94517	80	13	.6	6.1	4.8	1.3	.1	7
C94518	90	18	.8	6.9	5.1	1.8	.2	53
C94519	119	16	.5	5.9	4.4	1.5	.1	23
C94520	161	15	.7	6.8	5.1	1.7	.0	30
MEAN	116	16	.6	6.2	4.8	1.5	.1	35
S.D.	39.8	1.6	.10	.48	.29	.22	.08	18.7
N	6	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS					
C94521	97	22	.6	6.0	5.2	.8	1.0	4
C94522	120	23	.9	6.1	5.1	1.0	.4	1
C94524	82	17	.7	6.2	5.0	1.2	.5	0
C94525	121	22	.2	5.5	4.6	.9	.8	0
C94526	116	24	.7	6.4	5.6	.8	1.0	1
MEAN	107	22	.6	6.0	5.1	.9	.7	1
S.D.	17.1	2.7	.26	.34	.36	.17	.28	1.6
N	5	5	5	5	5	5	5	5

000724

Appendix 5

Individual Clinical Chemistry Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	PCOAO IU/G
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS						
C94491	97	29	0	11.1	12.1	149	7.2	102	10
C94492	91	37	0	11.2	13.5	146	9.4	103	6
C94493	97	37	0	10.9	12.5	147	6.4	100	9
C94494	90	34	0	10.7	11.5	146	6.1	101	11
C94495	102	34	0	10.6	11.1	153	5.9	102	8
C94496	101	36	0	11.0	12.0	148	7.4	103	10
MEAN	96	34	0	10.9	12.1	148	7.1	102	9
S.D.	5.0	3.0	.0	.23	.84	2.6	1.29	1.2	1.8
N	6	6	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS						
C94497	98	34	1	11.2	14.9	147	9.7	100	8
C94498	168	36	0	11.5	12.5	149	6.8	101	10
C94499	114	41	1	11.1	10.8	148	6.2	101	13
C94500	115	40	0	11.1	11.6	147	6.6	100	6
C94501	112	31	0	11.0	10.7	151	6.0	103	10
C94502	94	13	0	11.0	12.3	147	9.8	103	7
MEAN	117	32	0	11.2	12.1	148	7.5	101	9
S.D.	26.6	10.3	.5	.19	1.54	1.6	1.75	1.4	2.5
N	6	6	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS						
C94503	89	27	0	11.6	12.4	145	7.8	101	5
C94504	95	30	0	11.5	10.9	148	7.0	101	6
C94505	98	39	0	12.0	15.5	145	11.2	101	7
C94506	96	39	0	10.9	11.2	148	6.5	102	9
C94507	121	38	0	11.0	10.7	153	6.1	103	8
C94508	154	37	0	11.0	10.4	147	6.2	101	10
MEAN	109	35	0	11.3	11.8	148	7.5	102	8
S.D.	24.7	5.2	.0	.44	1.92	2.9	1.93	.8	1.9
N	6	6	6	6	6	6	6	6	6

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000723

Individual Clinical Chemistry Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	PCOAO IU/G
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS						
C94509	89	28	0	10.7	11.6	148	7.1	104	5
C94510	104	40	0	10.7	11.7	150	6.9	104	9
C94511	85	34	1	11.3	11.6	149	7.2	104	7
C94512	109	42	0	11.8	9.9	148	5.7	101	5
C94513	86	29	1	11.5	11.0	148	6.5	100	9
C94514	87	42	0	11.2	9.9	149	6.4	101	11
MEAN	93	36	0	11.2	11.0	149	6.6	102	8
S.D.	10.4	6.4	.5	.44	.85	.8	.56	1.9	2.4
N	6	6	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS						
C94515	126	48	0	10.2	10.3	147	6.4	101	7
C94516	106	51	0	10.3	11.0	149	7.4	104	5
C94517	147	45	0	11.2	12.8	147	8.5	102	7
C94518	143	70	0	11.0	11.5	147	7.7	100	6
C94519	99	40	0	10.5	10.9	147	7.4	101	7
C94520	108	37	0	11.8	11.3	149	6.1	97	7
MEAN	122	48	0	10.8	11.3	148	7.2	101	6
S.D.	20.3	11.7	.0	.62	.84	1.0	.88	2.3	.8
N	6	6	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS						
C94521	100	92	0	10.5	11.6	148	8.0	104	36
C94522	316	569	0	11.0	10.1	145	8.3	100	33
C94524	164	240	0	10.2	12.3	145	8.1	101	27
C94525	125	138	0	9.8	10.9	142	8.9	100	27
C94526	122	73	0	10.7	9.2	144	7.8	102	35
MEAN	165	222	0	10.4	10.8	145	8.2	101	32
S.D.	87.3	204.3	.0	.46	1.22	2.2	.42	1.7	4.3
N	5	5	5	5	5	5	5	5	5

000726

Individual Clinical Chemistry Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C94527	82	15	.5	5.9	4.5	1.4	.0	38
C94528	112	15	.8	7.1	5.5	1.6	.0	57
C94529	110	13	.5	5.8	4.7	1.1	.0	53
C94530	104	13	.8	5.9	4.6	1.3	.1	41
C94531	101	13	1.1	6.2	5.1	1.1	.2	27
C94532	111	13	.8	7.6	5.9	1.7	.2	53
MEAN	103	14	.8	6.4	5.0	1.4	.1	45
S.D.	11.3	1.0	.23	.75	.56	.25	.10	11.5
N	6	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS					
C94533	128	14	.9	6.8	5.1	1.7	.1	55
C94534	88	14	.7	6.4	4.9	1.5	.4	73
C94535	104	18	.9	6.3	5.2	1.1	.2	46
C94536	81	14	.4	5.9	4.9	1.0	.2	43
C94537	131	16	.5	6.5	5.0	1.5	.2	52
C94538	139	14	.4	6.9	5.6	1.3	.3	63
MEAN	112	15	.6	6.5	5.1	1.4	.2	55
S.D.	24.3	1.7	.23	.36	.26	.27	.10	11.1
N	6	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS					
C94539	144	12	.6	6.9	5.5	1.4	.1	47
C94540	90	12	.5	5.8	4.6	1.2	.2	42
C94541	90	16	.7	6.2	4.9	1.3	.2	46
C94542	86	15	.8	6.3	4.9	1.4	.2	31
C94543	93	10	.6	6.3	5.1	1.2	.1	48
C94544	91	18	.6	6.6	5.4	1.2	.3	64
MEAN	99	14	.6	6.4	5.1	1.3	.2	46
S.D.	22.2	3.0	.10	.37	.34	.10	.08	10.7
N	6	6	6	6	6	6	6	6

137000

Appendix 5

Individual Clinical Chemistry Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	GLU MG/DL	UN MG/DL	CREAT MG/DL	T PRO G/DL	ALB G/DL	GLOB G/DL	T BILI MG/DL	CHOL MG/DL
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS					
C94545	137	11	.5	5.8	4.5	1.3	.0	55
C94546	122	13	.5	5.8	4.6	1.2	.4	69
C94547	158	19	.9	6.5	5.2	1.3	.1	54
C94548	83	12	.7	6.6	5.3	1.3	.2	39
C94549	125	16	.4	5.8	4.7	1.1	.1	52
C94550	160	20	1.0	7.8	6.3	1.5	.0	54
MEAN	131	15	.7	6.4	5.1	1.3	.1	54
S.D.	28.4	3.8	.24	.79	.67	.13	.15	9.5
N	6	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS					
C94551	101	16	.5	5.9	5.0	.9	.3	19
C94552	158	29	.8	7.0	5.6	1.4	.2	39
C94553	147	14	.5	6.9	5.8	1.1	.2	46
C94554	107	14	.7	7.2	5.8	1.4	.3	64
C94555	76	15	.8	7.1	5.7	1.4	.2	40
C94556	81	15	.8	6.3	5.2	1.1	.1	19
MEAN	112	17	.7	6.7	5.5	1.2	.2	38
S.D.	33.9	5.8	.15	.52	.34	.21	.08	17.1
N	6	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS					
C94557	100	21	.4	6.8	5.8	1.0	.5	1
C94558	86	23	.6	7.3	6.1	1.2	.2	2
C94559	105	28	.8	6.1	5.4	.7	.5	6
C94560	85	32	.7	7.1	5.9	1.2	1.0	8
C94561	138	25	.4	7.3	6.2	1.1	.6	10
C94562	85	25	.8	7.3	6.1	1.2	.3	17
MEAN	100	26	.6	7.0	5.9	1.1	.5	7
S.D.	20.6	3.9	.18	.48	.29	.20	.28	5.9
N	6	6	6	6	6	6	6	6

000728

Appendix 5

Individual Clinical Chemistry Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	PCOAO IU/G
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS						
C94527	95	29	0	10.3	12.0	147	9.2	106	7
C94528	130	26	2	11.0	12.6	148	8.2	101	5
C94529	110	25	0	11.5	12.5	146	9.2	104	5
C94530	98	32	0	10.3	11.1	146	7.6	103	3
C94531	102	27	0	10.4	10.1	148	5.6	102	7
C94532	92	25	1	11.8	11.3	147	7.5	102	4
MEAN	104	27	0	10.9	11.6	147	7.9	103	5
S.D.	14.0	2.7	.8	.66	.95	.9	1.34	1.8	1.6
N	6	6	6	6	6	6	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS						
C94533	113	32	0	11.3	14.6	145	10.6	102	5
C94534	128	30	1	11.3	11.7	151	7.2	105	6
C94535	107	29	2	11.3	12.9	146	9.1	104	5
C94536	102	31	0	10.7	10.7	148	6.2	104	9
C94537	111	31	0	12.1	13.9	144	9.6	103	7
C94538	82	29	0	11.7	10.8	148	6.8	103	4
MEAN	107	30	0	11.4	12.4	147	8.2	104	6
S.D.	15.1	1.2	.8	.47	1.63	2.5	1.76	1.0	1.8
N	6	6	6	6	6	6	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS						
C94539	113	26	0	11.6	11.2	146	8.2	101	7
C94540	128	19	0	10.1	10.2	144	9.9	103	5
C94541	102	28	0	11.7	13.4	146	8.7	104	6
C94542	109	33	0	11.0	13.1	145	10.0	102	9
C94543	102	21	0	10.8	11.7	148	8.1	105	7
C94544	197	34	0	11.3	11.7	147	8.7	103	6
MEAN	125	27	0	11.1	11.9	146	8.9	103	7
S.D.	36.5	6.1	.0	.59	1.20	1.4	.83	1.4	1.4
N	6	6	6	6	6	6	6	6	6

0007229

Appendix 5

Individual Clinical Chemistry Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	AST/SGOT IU/L	ALT/SGPT IU/L	GGT IU/L	CA MG/DL	I PHOS MG/DL	NA MMOL/L	K MMOL/L	CL MMOL/L	PCOAO IU/G
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS						
C94545	105	29	1	10.9	10.2	147	6.8	104	7
C94546	94	30	0	11.2	11.3	145	7.9	101	3
C94547	81	25	4	11.1	10.0	145	6.0	102	11
C94548	142	41	0	10.5	9.9	151	5.8	103	7
C94549	91	23	1	10.6	11.8	143	8.5	102	4
C94550	88	20	0	12.2	9.8	147	7.3	102	5
MEAN	100	28	1	11.1	10.5	146	7.0	102	6
S.D.	22.0	7.4	1.5	.61	.84	2.7	1.06	1.0	2.9
N	6	6	6	6	6	6	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS						
C94551	101	33	0	11.0	12.8	146	8.4	102	11
C94552	91	28	0	11.5	11.1	146	7.8	103	3
C94553	76	20	0	12.4	10.4	146	7.1	102	9
C94554	82	31	0	11.1	10.6	146	7.7	104	7
C94555	94	32	0	11.6	12.5	149	7.7	102	9
C94556	94	31	0	11.0	11.6	148	7.1	104	11
MEAN	90	29	0	11.4	11.5	147	7.6	103	8
S.D.	9.1	4.8	.0	.54	.99	1.3	.49	1.0	3.0
N	6	6	6	6	6	6	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS						
C94557	95	57	0	11.2	10.9	147	6.5	102	46
C94558	128	49	0	10.5	10.3	149	6.4	99	22
C94559	145	67	0	10.4	10.4	148	7.6	107	20
C94560	117	54	0	11.1	11.6	147	7.4	99	26
C94561	130	89	0	11.7	10.9	146	7.5	101	45
C94562	90	43	0	10.6	9.7	151	5.7	103	22
MEAN	118	60	0	10.9	10.6	148	6.8	102	30
S.D.	21.4	16.4	.0	.50	.65	1.8	.77	3.0	12.0
N	6	6	6	6	6	6	6	6	6

0007230

Appendix 5

Individual Clinical Urinalysis Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS
C94491	5.7	1.032	7.0
C94492	31.5	1.010	7.5
C94493	26.9	1.010	7.5
C94494	19.0	1.015	7.5
C94495	9.4	1.026	7.5
C94496	18.5	1.010	7.5
MEAN	18.5	1.017	7.4
S.D.	9.86	.0096	.20
N	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS
C94497	10.2	1.020	7.0
C94498	48.9 a	1.005	7.0
C94499	4.4	1.029	7.5
C94500	7.4	1.026	7.0
C94501	47.0 a	1.004	7.5
C94502	48.3 a	1.007	7.5
MEAN	27.7	1.015	7.2
S.D.	22.39	.0112	.27
N	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS
C94503	35.0	1.010	7.0
C94504	14.3	1.013	7.0
C94505	44.9	1.008	7.0
C94506	14.7	1.012	7.5
C94507	41.7	1.006	7.0
C94508	19.8	1.012	7.5
MEAN	28.4	1.010	7.2
S.D.	13.81	.0027	.26
N	6	6	6

a Sample was overflowing at the time of collection.

T27000

Appendix 5

Individual Clinical Urinalysis Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS
C94509	37.0	1.005	6.5
C94510	22.8	1.012	7.0
C94511	9.5	1.023	7.0
C94512	26.0	1.012	7.0
C94513	48.5 a	1.008	7.0
C94514	12.4	1.020	7.0
MEAN	26.0	1.013	6.9
S.D.	14.80	.0069	.20
N	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS
C94515	7.5	1.034	6.5
C94516	7.3	1.028	6.5
C94517	3.0	1.030	8.0
C94518	10.6	1.025	7.0
C94519	17.3	1.016	6.5
C94520	49.8 a	1.005	7.0
MEAN	15.9	1.023	6.9
S.D.	17.26	.0107	.58
N	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS
C94521	17.5	1.014	7.0
C94522	43.9 a	1.007	7.0
C94524	26.4	1.010	7.0
C94525	4.6	1.038	6.5
C94526	9.6	1.024	6.5
MEAN	20.4	1.019	6.8
S.D.	15.52	.0126	.27
N	5	5	5

a Sample was overflowing at the time of collection.

0007232

Appendix 5

Individual Clinical Urinalysis Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS			
C94491	30	-	++	-	-	-
C94492	30	-	-	-	-	-
C94493	10	-	-	-	-	-
C94494	10	-	++	-	-	-
C94495	30	-	++	-	-	-
C94496	30	-	+	-	-	-
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS			
C94497	30	-	+	-	-	-
C94498	10	-	-	-	-	-
C94499	100	-	+	-	-	-
C94500	30	-	+	-	+	-
C94501	0	-	-	-	-	-
C94502	10	-	-	-	-	-
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS			
C94503	10	-	-	-	+	-
C94504	30	-	-	-	-	-
C94505	10	-	-	-	-	-
C94506	30	-	-	-	-	-
C94507	10	-	-	-	-	-
C94508	10	-	-	-	-	-
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS			
C94509	0	-	-	-	-	-
C94510	10	-	+	-	-	-
C94511	30	-	++	-	-	-
C94512	10	-	-	-	-	-
C94513	10	-	-	-	-	-
C94514	30	-	-	-	-	-

000733

Appendix 5

Individual Clinical Urinalysis Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS			
C94515	30	-	++	-	+	-
C94516	30	-	++	-	-	-
C94517	100	-	+++	-	++	-
C94518	10	-	++	-	-	-
C94519	10	-	+++	-	-	-
C94520	0	-	+	-	-	-
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS			
C94521	10	-	+	-	-	-
C94522	0	-	+	-	-	-
C94524	10	-	+++	-	-	-
C94525	30	-	+	-	-	-
C94526	10	-	+++	-	-	-

0007234

Appendix 5

Individual Clinical Urinalysis Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C94491	1	0	0	2	0	4D	CJ	P
C94492	0	0	1	2	0	4D	BJ	Q
C94493	0	0	1	1	0	4D	BJ	P
C94494	0	0	1	1	0	4D	BJ	PQ
C94495	0	0	1	2	0	4D	BJ	PQ
C94496	0	0	1	1	0	4D	AJ	Q
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS					
C94497	0	0	1	2	0	4D	BJ	PQ
C94498	0	0	1	3	0	3B1D	AJ	Q
C94499	0	0	1	1	0	4D	CJ	PQ
C94500	0	4	1	2	0	4D	BK	Q
C94501	0	0	1	1	0	4D	AJ	Q
C94502	0	0	1	2	0	4D	BJ	Q
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS					
C94503	0	0	1	1	0	3D	AJ	Q
C94504	0	0	1	1	0	0	BJ	Q
C94505	0	0	1	2	0	0	BJ	Q
C94506	0	0	1	2	0	4D	BJ	Q
C94507	0	0	1	2	0	0	AJ	PQ
C94508	1	0	1	1	0	3D	BJ	Q
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS					
C94509	0	0	0	1	0	0	AJ	Q
C94510	0	0	1	1	0	4D	BJ	PQ
C94511	0	0	1	1	0	4D	BJ	Q
C94512	0	0	1	1	0	1D	BJ	Q
C94513	0	0	1	3	0	3D	BJ	Q
C94514	0	0	0	1	0	4D	BJ	-

000235

Appendix 5

Individual Clinical Urinalysis Data

Males Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS					
C94515	3	0	1	1	0	4D	CJ	PQ
C94516	0	0	1	2	0	3D	BJ	PQ
C94517	0	0	0	3	0	2B4D	FL	Q
C94518	0	0	1	2	0	4D	BJ	PQ
C94519	0	0	1	1	0	3D	BJ	PQ
C94520	0	0	1	1	0	0	AJ	Q
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS					
C94521	0	0	0	1	0	2D	BJ	Q
C94522	0	0	0	1	0	0	AJ	-
C94524	0	0	0	1	0	4D	BJ	-
C94525	0	0	1	2	0	1D	CJ	Q
C94526	0	1	1	1	0	4D	BJ	PQ

0007236

Appendix 5

Individual Clinical Urinalysis Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS
C94527	14.5	1.015	7.5
C94528	7.1	1.022	6.5
C94529	49.0 a	1.004	7.0
C94530	48.0	1.005	7.0
C94531	15.0	1.010	7.5
C94532	50.0 a	1.002	7.0
MEAN	30.6	1.010	7.1
S.D.	20.36	.0077	.38
N	6	6	6
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS
C94533	11.6	1.013	7.5
C94534	17.1	1.005	6.5
C94535	15.0	1.010	7.0
C94536	14.0	1.013	7.0
C94537	46.6 a	1.004	7.0
C94538	50.0 a	1.004	7.0
MEAN	25.7	1.008	7.0
S.D.	17.62	.0044	.32
N	6	6	6
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS
C94539	46.8 a	1.002	6.5
C94540	47.0 a	1.003	7.0
C94541	28.2	1.010	7.0
C94542	9.9	1.018	7.0
C94543	16.8	1.002	7.0
C94544	14.0	1.010	7.0
MEAN	27.1	1.008	6.9
S.D.	16.49	.0064	.20
N	6	6	6

a Sample was overflowing at the time of collection.

000237

Appendix 5

Individual Clinical Urinalysis Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U VOL ML	SP GR	U PH
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS
C94545	16.5	1.010	7.5
C94546	5.4	1.028	6.5
C94547	3.4	1.026	7.0
C94548	28.0	1.008	7.0
C94549	14.8	1.010	7.5
C94550	21.6	1.006	7.0
MEAN	15.0	1.015	7.1
S.D.	9.40	.0097	.38
N	6	6	6
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS
C94551	24.0	1.007	7.5
C94552	10.7	1.010	7.0
C94553	30.0	1.008	7.0
C94554	49.0 a	1.003	7.0
C94555	50.0 a	1.003	7.0
C94556	10.3	1.018	6.5
MEAN	29.0	1.008	7.0
S.D.	17.62	.0056	.32
N	6	6	6
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS
C94557	15.0	1.010	7.0
C94558	9.6	1.016	7.0
C94559	11.6	1.013	6.5
C94560	4.0	1.006	7.5
C94561	40.2	1.005	7.0
C94562	8.2	1.015	7.0
MEAN	14.8	1.011	7.0
S.D.	12.98	.0046	.32
N	6	6	6

a Sample was overflowing at the time of collection.

000738

Appendix 5

Individual Clinical Urinalysis Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS			
C94527	10	-	-	-	-	-
C94528	10	-	-	-	-	-
C94529	0	-	-	-	-	-
C94530	0	-	-	-	-	-
C94531	10	-	-	-	-	-
C94532	0	-	-	-	-	-
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS			
C94533	0	-	-	-	-	-
C94534	0	-	-	-	-	-
C94535	10	-	-	-	-	-
C94536	0	-	-	-	-	-
C94537	0	-	-	-	-	-
C94538	0	-	-	-	-	-
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS			
C94539	0	-	-	-	-	-
C94540	0	-	-	-	-	-
C94541	0	-	-	-	-	-
C94542	10	-	-	-	-	-
C94543	0	-	-	-	-	-
C94544	0	-	-	-	-	-
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS			
C94545	10	-	-	-	-	-
C94546	10	-	-	-	-	-
C94547	10	-	-	-	-	-
C94548	0	-	-	-	-	-
C94549	10	-	-	-	-	-
C94550	0	-	-	-	-	-

000733

Appendix 5

Individual Clinical Urinalysis Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	U PRO MG/DL	U GLU	U KET	U BILI	U BLOOD	UROBILI
Group: 5	Dose Level: 100		Dosage Unit: ppm MeFOS			
C94551	0	-	-	-	-	-
C94552	0	-	-	-	-	-
C94553	0	-	-	-	-	-
C94554	0	-	-	-	-	-
C94555	0	-	-	-	-	-
C94556	0	-	-	-	-	-
Group: 6	Dose Level: 500		Dosage Unit: ppm MeFOS			
C94557	0	-	-	-	-	-
C94558	10	-	++	-	-	-
C94559	0	-	+++	-	-	-
C94560	0	-	-	-	-	-
C94561	0	-	-	-	-	-
C94562	0	-	-	-	-	-

0007740

Appendix 5

Individual Clinical Urinalysis Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 1	Dose Level: 0		Dosage Unit: ppm MeFOS					
C94527	0	0	1	2	0	4D	BJ	-
C94528	0	0	1	1	0	1D	BJ	-
C94529	0	0	1	1	0	0	AJ	-
C94530	0	0	1	1	0	4D	AJ	-
C94531	0	1	1	1	0	3D	BJ	-
C94532	0	0	1	2	0	4B	AJ	-
Group: 2	Dose Level: 1		Dosage Unit: ppm MeFOS					
C94533	0	0	0	1	0	4D	BJ	P
C94534	0	0	0	2	0	0	AJ	-
C94535	0	0	1	2	0	0	BJ	P
C94536	0	0	1	1	0	4D	BJ	-
C94537	0	4	1	1	0	0	AJ	-
C94538	0	0	0	1	0	3D	AJ	-
Group: 3	Dose Level: 10		Dosage Unit: ppm MeFOS					
C94539	0	0	0	2	0	2B	AJ	-
C94540	0	0	1	1	0	0	AJ	-
C94541	0	0	0	1	0	0	AJ	-
C94542	0	0	1	1	0	4D	BJ	-
C94543	0	0	0	1	0	1D	BJ	-
C94544	0	0	0	1	0	0	BJ	-
Group: 4	Dose Level: 30		Dosage Unit: ppm MeFOS					
C94545	1	4	1	2	0	2B4D	BJ	-
C94546	0	0	1	1	0	0	CJ	-
C94547	0	0	1	1	0	4D	BJ	-
C94548	0	0	1	1	0	4D	BJ	-
C94549	0	0	1	1	0	4D	CJ	-
C94550	0	1	0	1	0	0	AJ	-

000741

Appendix 5

Individual Clinical Urinalysis Data

Females Week 5

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER	RBC PER HPF	WBC PER HPF	EPITH PER HPF	BACT PER HPF	CASTS PER LPF	CRYSTALS PER LPF1	URINE APP1	COMMENTS
Group: 5	Dose Level: 100			Dosage Unit: ppm MeFOS				
C94551	0	0	1	1	0	0	AJ	-
C94552	0	0	1	1	0	0	AJ	-
C94553	0	0	1	1	0	0	AJ	-
C94554	0	0	0	1	0	0	AJ	-
C94555	0	0	1	1	0	0	AJ	-
C94556	0	1	1	1	0	0	BJ	P
Group: 6	Dose Level: 500			Dosage Unit: ppm MeFOS				
C94557	0	0	1	2	0	0	BJ	-
C94558	0	0	1	2	0	0	BJ	-
C94559	0	0	1	1	0	0	BJ	-
C94560	0	0	1	1	0	0	AJ	-
C94561	0	0	0	1	0	1D	AJ	-
C94562	0	0	0	1	0	3D	BJ	-

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APPENDIX 6

Individual Absolute Organ Weight Data (g)
Individual Organ-to-Body Weight Percentages
Individual Organ-to-Brain Weight Ratios
Individual Animal Pathology Data

APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX GROUP	DOSE NUMBER	ANIMAL	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	1	C94491	335.4	0.0612	2.1109	1.0347	3.6123	14.0407		0.9276	3.4698	0.5026
M	1	C94492	361.6	0.0515	1.9843	0.8785	3.2546	13.6908		0.7517	2.9808	0.5711
M	1	C94493	339.1	0.0563	1.9218	0.8731	3.6572	12.4081		0.7500	2.8478	0.4336
M	1	C94494	379.4	0.0634	2.1238	1.0167	3.7571	14.3488		0.7848	3.2911	0.6600
M	1	C94495	343.5	0.0416	2.1985	0.8446	3.2033	13.3219		0.8125	2.9317	0.9318
M	1	C94496	291.7	0.0725	2.0137	0.8805	2.9056	9.6607		0.8029	2.8137	0.5241
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			341.8	0.0577	2.0588	0.9214	3.3984	12.9118		0.8049	3.0558	0.6039
STANDARD DEV:			29.6	0.0106	0.1028	0.0821	0.3295	1.7284		0.0654	0.2644	0.1774
M	2	C94497	345.7	0.0579	1.8832	0.8967	2.5682	11.7523		0.7741	2.8943	0.5496
M	2	C94498	321.0	0.0630	2.0462	0.9478	2.8116	11.9965		0.5888	2.7400	0.6983
M	2	C94499	384.3	0.0454	2.0893	0.8275	3.4950	14.2738		0.8183	3.0946	0.9560
M	2	C94500	320.2	0.0575	2.1243	0.8480	3.5756	11.9975		0.7821	2.7896	0.8007
M	2	C94501	332.4	0.0621	2.0688	0.9718	3.0639	11.6636		0.8350	2.9111	0.5562
M	2	C94502	323.8	0.0565	1.9994	0.8940	3.1062	13.0440		0.7124	3.2586	0.5391
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			337.9	0.0571	2.0352	0.8976	3.1034	12.4546		0.7518	2.9480	0.6833
STANDARD DEV:			24.7	0.0063	0.0854	0.0555	0.3872	1.0193		0.0904	0.1952	0.1692
M	3	C94503	338.4	0.0719	1.8517	1.0084	3.4730	12.6442		0.9372	3.3072	0.7104
M	3	C94504	369.1	0.0644	2.0698	0.8887	3.7053	13.2875		0.7590	2.8135	0.8812
M	3	C94505	337.9	0.0562	2.1689	1.0062	3.3038	13.4179		0.6947	3.1618	0.6890

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	3	C94506	322.1	0.0479	1.8990	0.9847	3.3090	12.2100	0.7515	2.6611	0.5349
M	3	C94507	298.0	0.0676	2.0294	0.8627	2.9125	11.2672	0.6989	3.2209	0.5221
M	3	C94508	357.8	0.0567	2.0861	1.1055	3.3758	13.4521	0.8250	2.8780	0.7962
NUMBER IN GROUP:			6	6	6	6	6	6	6	6	6
MEAN:			337.2	0.0608	2.0175	0.9760	3.3466	12.7132	0.7777	3.0071	0.6890
STANDARD DEV:			25.3	0.0088	0.1200	0.0886	0.2597	0.8627	0.0914	0.2583	0.1418
M	4	C94509	301.9	0.0566	2.1850	0.9372	3.0753	10.1043	0.5576	3.0521	0.6354
M	4	C94510	282.3	0.0478	2.0063	0.7471	2.9461	10.3504	0.7116	2.6666	0.4856
M	4	C94511	308.5	0.0530	2.0354	0.8228	2.9192	12.4616	0.6977	2.6572	0.5913
M	4	C94512	365.6	0.0377	1.9763	0.9490	3.1823	13.9926	0.7251	3.1206	0.5207
M	4	C94513	330.7	0.0538	2.2273	0.8336	3.5906	13.3383	0.6600	2.9338	0.5986
M	4	C94514	349.8	0.0630	2.3348	0.9083	3.6837	13.7000	0.8910	3.1234	0.6808
NUMBER IN GROUP:			6	6	6	6	6	6	6	6	6
MEAN:			323.1	0.0520	2.1275	0.8663	3.2329	12.3245	0.7072	2.9256	0.5854
STANDARD DEV:			31.3	0.0086	0.1430	0.0785	0.3284	1.7057	0.1085	0.2156	0.0721
M	5	C94515	331.8	0.0545	2.1887	0.8303	3.4080	17.4565	0.6778	3.0282	0.7223
M	5	C94516	295.2	0.0456	2.0552	0.7772	3.1619	16.0421	0.7592	3.0667	0.7229
M	5	C94517	337.9	0.0725	1.9646	1.1014	3.6453	15.5417	0.6331	3.1028	0.5009
M	5	C94518	316.7	0.0549	2.0189	0.7763	3.1469	19.5437	0.7817	2.7821	0.7942

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	5	C94519	317.4	0.0522	2.1524	0.7815	3.0339	14.5708	0.7127	2.8462	0.5508
M	5	C94520	325.4	0.0485	2.1764	0.8017	3.3572	17.1128	0.4740	3.0040	0.6690
NUMBER IN GROUP:			6	6	6	6	6	6	6	6	6
MEAN:			320.7	0.0547	2.0927	0.8447	3.2922	16.7113	0.6731	2.9717	0.6600
STANDARD DEV:			15.0	0.0094	0.0928	0.1274	0.2223	1.7399	0.1114	0.1282	0.1124
M	6	C94521	226.3	0.0436	1.8883	0.6830	2.3557	20.2477	0.6046	3.1040	0.6047
M	6	C94522	243.9	0.0735	1.9366	0.7866	2.8945	19.4615	0.5137	3.2106	0.4000
M	6	C94524	211.8	0.0573	1.9767	0.6364	2.4286	18.0054	0.6151	2.4897	0.3243
M	6	C94525	228.0	0.0507	2.1492	0.7775	2.5308	19.5937	0.6822	3.1146	0.4146
M	6	C94526	229.1	0.0596	2.0535	0.7748	2.7529	20.7386	0.4943	3.0650	0.5015
NUMBER IN GROUP:			5	5	5	5	5	5	5	5	5
MEAN:			227.8	0.0569	2.0009	0.7317	2.5925	19.6094	0.5820	2.9968	0.4490
STANDARD DEV:			11.4	0.0112	0.1027	0.0679	0.2256	1.0341	0.0775	0.2885	0.1074

0007746

APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	1	C94491	335.4	0.0223
M	1	C94492	361.6	0.0177
M	1	C94493	339.1	0.0177
M	1	C94494	379.4	0.0299
M	1	C94495	343.5	0.0189
M	1	C94496	291.7	0.0172
NUMBER IN GROUP:			6	6
		MEAN:	341.8	0.0206
		STANDARD DEV:	29.6	0.0049
M	2	C94497	345.7	0.0295
M	2	C94498	321.0	0.0252
M	2	C94499	384.3	0.0216
M	2	C94500	320.2	0.0213
M	2	C94501	332.4	0.0155
M	2	C94502	323.8	0.0273
NUMBER IN GROUP:			6	6
		MEAN:	337.9	0.0234
		STANDARD DEV:	24.7	0.0050
M	3	C94503	338.4	0.0198
M	3	C94504	369.1	0.0231
M	3	C94505	337.9	0.0230

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	3	C94506	322.1	0.0189
M	3	C94507	298.0	0.0224
M	3	C94508	357.8	0.0282
NUMBER IN GROUP:			6	6
		MEAN:	337.2	0.0226
		STANDARD DEV:	25.3	0.0033
M	4	C94509	301.9	0.0160
M	4	C94510	282.3	0.0192
M	4	C94511	308.5	0.0111
M	4	C94512	365.6	0.0254
M	4	C94513	330.7	0.0216
M	4	C94514	349.8	0.0304
NUMBER IN GROUP:			6	6
		MEAN:	323.1	0.0206
		STANDARD DEV:	31.3	0.0068
M	5	C94515	331.8	0.0252
M	5	C94516	295.2	0.0201
M	5	C94517	337.9	0.0207
M	5	C94518	316.7	0.0203

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	5	C94519	317.4	0.0172
M	5	C94520	325.4	0.0278
NUMBER IN GROUP:			6	6
		MEAN:	320.7	0.0219
		STANDARD DEV:	15.0	0.0039
M	6	C94521	226.3	0.0149
M	6	C94522	243.9	0.0172
M	6	C94524	211.8	0.0191
M	6	C94525	228.0	0.0303
M	6	C94526	229.1	0.0172
NUMBER IN GROUP:			5	5
		MEAN:	227.8	0.0197
		STANDARD DEV:	11.4	0.0061

0007439

APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
: KD - KIDNEY, LI - LIVER, OV - OVARY
: SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	1	C94527	213.0	0.0715	2.0013		2.0130	7.4326	0.1162	0.5561		0.4566
F	1	C94528	210.0	0.0706	1.9160		1.9295	7.8862	0.0945	0.3804		0.6013
F	1	C94529	228.8	0.1022	1.9228		2.6260	8.7876	0.1418	0.6896		0.6188
F	1	C94530	235.2	0.0605	2.0288		2.1802	8.2680	0.1644	0.5085		0.5445
F	1	C94531	207.8	0.0655	1.9550		2.0538	7.5010	0.1314	0.4679		0.5398
F	1	C94532	184.7	0.0682	1.9062		1.7582	6.6326	0.1150	0.4453		0.5121
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			213.3	0.0731	1.9550		2.0935	7.7513	0.1272	0.5080		0.5455
STANDARD DEV:			17.8	0.0148	0.0500		0.2961	0.7450	0.0243	0.1069		0.0592
F	2	C94533	200.3	0.0639	2.0393		1.9056	8.3329	0.1402	0.5051		0.4569
F	2	C94534	197.5	0.0655	2.0617		1.9166	7.1556	0.1380	0.4487		0.3874
F	2	C94535	217.3	0.0683	2.0698		1.8145	7.8013	0.1276	0.5174		0.4819
F	2	C94536	204.4	0.0803	1.8203		2.0013	6.8621	0.1446	0.6338		0.5764
F	2	C94537	223.4	0.0733	2.0384		2.2858	8.2008	0.1269	0.4833		0.5223
F	2	C94538	192.6	0.0606	1.8703		1.8873	6.9707	0.1094	0.4307		0.7123
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			205.9	0.0687	1.9833		1.9685	7.5539	0.1311	0.5032		0.5229
STANDARD DEV:			12.0	0.0071	0.1088		0.1666	0.6425	0.0128	0.0719		0.1124
F	3	C94539	217.8	0.1090	2.0113		2.6878	8.3813	0.1454	0.5526		0.4936
F	3	C94540	174.2	0.0624	1.9367		1.9136	6.6088	0.1402	0.3929		0.3952
F	3	C94541	234.2	0.0850	2.0657		2.5187	8.8330	0.1394	0.6589		0.6495

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	3	C94542	242.5	0.0880	2.0048		2.5368	9.4944	0.1565	0.5490		0.6078
F	3	C94543	167.9	0.0487	1.8660		1.7414	6.4505	0.0986	0.3354		0.5563
F	3	C94544	185.5	0.0563	2.0395		2.1156	8.2267	0.1453	0.4673		0.4899
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			203.7	0.0749	1.9873		2.2523	7.9991	0.1376	0.4927		0.5321
STANDARD DEV:			32.0	0.0229	0.0735		0.3837	1.2215	0.0200	0.1181		0.0918
F	4	C94545	187.2	0.0585	1.8832		2.0151	7.1725	0.1228	0.4640		0.4712
F	4	C94546	219.7	0.0634	2.0493		2.1332	9.5768	0.1006	0.5830		0.6427
F	4	C94547	237.1	0.0794	2.1499		2.2587	9.8392	0.1338	0.5588		0.5987
F	4	C94548	186.8	0.0536	2.0980		1.9018	6.8828	0.0940	0.4053		0.6280
F	4	C94549	207.7	0.0653	2.0569		2.1431	8.7554	0.1636	0.5145		0.4439
F	4	C94550	187.0	0.0630	1.9038		1.8946	7.7017	0.0960	0.4316		0.5060
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			204.3	0.0639	2.0235		2.0578	8.3214	0.1185	0.4929		0.5484
STANDARD DEV:			21.1	0.0087	0.1071		0.1457	1.2523	0.0273	0.0710		0.0854
F	5	C94551	171.1	0.0661	1.8855		1.9419	8.7911	0.1289	0.4517		0.3160
F	5	C94552	201.4	0.0660	2.0531		2.3079	10.2382	0.1255	0.4772		0.3988
F	5	C94553	206.3	0.0679	2.0290		2.2091	10.4906	0.1087	0.4567		0.6089
F	5	C94554	184.4	0.0582	1.8946		1.9402	8.6778	0.0972	0.3575		0.3711

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
: KD - KIDNEY, LI - LIVER, OV - OVARY
: SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	5	C94555	192.5	0.0605	2.0725		2.1591	10.0252	0.1028	0.4944		0.8204
F	5	C94556	206.1	0.0777	2.0897		2.6036	9.4436	0.1349	0.6082		0.5221
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			193.6	0.0661	2.0041		2.1936	9.6111	0.1163	0.4743		0.5062
STANDARD DEV:			13.9	0.0068	0.0906		0.2491	0.7628	0.0155	0.0810		0.1873
F	6	C94557	151.5	0.0381	1.9430		1.6979	12.4887	0.0758	0.3143		0.3376
F	6	C94558	154.4	0.0453	2.1101		1.7106	12.6860	0.0777	0.4358		0.4256
F	6	C94559	134.5	0.0351	1.7981		1.4107	9.8766	0.0511	0.4295		0.4142
F	6	C94560	172.6	0.0389	2.0925		1.6771	14.9295	0.0671	0.5289		0.6468
F	6	C94561	161.3	0.0618	1.9670		1.9650	13.3315	0.0797	0.4122		0.4100
F	6	C94562	165.1	0.0589	2.0415		1.8903	10.9656	0.1065	0.4382		0.5178
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			156.6	0.0464	1.9920		1.7253	12.3797	0.0763	0.4265		0.4587
STANDARD DEV:			13.2	0.0114	0.1159		0.1934	1.7764	0.0181	0.0686		0.1086

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	1	C94527	213.0	0.0155
F	1	C94528	210.0	0.0141
F	1	C94529	228.8	0.0177
F	1	C94530	235.2	0.0133
F	1	C94531	207.8	0.0173
F	1	C94532	184.7	0.0175
NUMBER IN GROUP:			6	6
		MEAN:	213.3	0.0159
		STANDARD DEV:	17.8	0.0019
F	2	C94533	200.3	0.0197
F	2	C94534	197.5	0.0217
F	2	C94535	217.3	0.0196
F	2	C94536	204.4	0.0140
F	2	C94537	223.4	0.0192
F	2	C94538	192.6	0.0143
NUMBER IN GROUP:			6	6
		MEAN:	205.9	0.0181
		STANDARD DEV:	12.0	0.0032
F	3	C94539	217.8	0.0066EX
F	3	C94540	174.2	0.0217
F	3	C94541	234.2	0.0164

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	3	C94542	242.5	0.0250
F	3	C94543	167.9	0.0192
F	3	C94544	185.5	0.0140
NUMBER IN GROUP:			6	5
		MEAN:	203.7	0.0193
		STANDARD DEV:	32.0	0.0043
F	4	C94545	187.2	0.0131
F	4	C94546	219.7	0.0293
F	4	C94547	237.1	0.0129
F	4	C94548	186.8	0.0167
F	4	C94549	207.7	0.0221
F	4	C94550	187.0	0.0165
NUMBER IN GROUP:			6	6
		MEAN:	204.3	0.0184
		STANDARD DEV:	21.1	0.0063
F	5	C94551	171.1	0.0126
F	5	C94552	201.4	0.0244
F	5	C94553	206.3	0.0237
F	5	C94554	184.4	0.0149

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APPENDIX 6

Individual Absolute Organ Weight Data (g)

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	5	C94555	192.5	0.0177
F	5	C94556	206.1	0.0150
NUMBER IN GROUP:			6	6
MEAN:			193.6	0.0181
STANDARD DEV:			13.9	0.0049
F	6	C94557	151.5	0.0152
F	6	C94558	154.4	0.0122
F	6	C94559	134.5	0.0118
F	6	C94560	172.6	0.0095
F	6	C94561	161.3	0.0182
F	6	C94562	165.1	0.0154
NUMBER IN GROUP:			6	6
MEAN:			156.6	0.0137
STANDARD DEV:			13.2	0.0031

552000

APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	1	C94491	335.4	0.0182	0.6294	0.3085	1.0770	4.1863		0.2766	1.0345	0.1499
M	1	C94492	361.6	0.0142	0.5488	0.2429	0.9001	3.7862		0.2079	0.8243	0.1579
M	1	C94493	339.1	0.0166	0.5667	0.2575	1.0785	3.6591		0.2212	0.8398	0.1279
M	1	C94494	379.4	0.0167	0.5598	0.2680	0.9903	3.7820		0.2069	0.8674	0.1740
M	1	C94495	343.5	0.0121	0.6400	0.2459	0.9325	3.8783		0.2365	0.8535	0.2713
M	1	C94496	291.7	0.0249	0.6903	0.3019	0.9961	3.3119		0.2752	0.9646	0.1797
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			341.8	0.0171	0.6058	0.2708	0.9957	3.7673		0.2374	0.8974	0.1768
STANDARD DEV:			29.6	0.0044	0.0562	0.0282	0.0730	0.2855		0.0317	0.0834	0.0498
M	2	C94497	345.7	0.0167	0.5447	0.2594	0.7429	3.3996		0.2239	0.8372	0.1590
M	2	C94498	321.0	0.0196	0.6374	0.2953	0.8759	3.7372		0.1834	0.8536	0.2175
M	2	C94499	384.3	0.0118	0.5437	0.2153	0.9094	3.7142		0.2129	0.8053	0.2488
M	2	C94500	320.2	0.0180	0.6634	0.2648	1.1167	3.7469		0.2443	0.8712	0.2501
M	2	C94501	332.4	0.0187	0.6224	0.2924	0.9218	3.5089		0.2512	0.8758	0.1673
M	2	C94502	323.8	0.0174	0.6175	0.2761	0.9593	4.0284		0.2200	1.0064	0.1665
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			337.9	0.0170	0.6049	0.2672	0.9210	3.6892		0.2226	0.8749	0.2015
STANDARD DEV:			24.7	0.0027	0.0496	0.0292	0.1214	0.2180		0.0242	0.0693	0.0425
M	3	C94503	338.4	0.0212	0.5472	0.2980	1.0263	3.7365		0.2770	0.9773	0.2099
M	3	C94504	369.1	0.0174	0.5608	0.2408	1.0039	3.6000		0.2056	0.7623	0.2387
M	3	C94505	337.9	0.0166	0.6419	0.2978	0.9777	3.9710		0.2056	0.9357	0.2039

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES : KD - KIDNEY, LI - LIVER, OV - OVARY : SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	3	C94506	322.1	0.0149	0.5896	0.3057	1.0273	3.7907		0.2333	0.8262	0.1661
M	3	C94507	298.0	0.0227	0.6810	0.2895	0.9773	3.7809		0.2345	1.0808	0.1752
M	3	C94508	357.8	0.0158	0.5830	0.3090	0.9435	3.7597		0.2306	0.8044	0.2225
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			337.2	0.0181	0.6006	0.2901	0.9927	3.7731		0.2311	0.8978	0.2027
STANDARD DEV:			25.3	0.0031	0.0511	0.0251	0.0327	0.1192		0.0261	0.1212	0.0277
M	4	C94509	301.9	0.0187	0.7237	0.3104	1.0186	3.3469		0.1847	1.0110	0.2105
M	4	C94510	282.3	0.0169	0.7107	0.2646	1.0436	3.6665		0.2521	0.9446	0.1720
M	4	C94511	308.5	0.0172	0.6598	0.2667	0.9463	4.0394		0.2262	0.8613	0.1917
M	4	C94512	365.6	0.0103	0.5406	0.2596	0.8704	3.8273		0.1983	0.8536	0.1424
M	4	C94513	330.7	0.0163	0.6735	0.2521	1.0858	4.0334		0.1996	0.8871	0.1810
M	4	C94514	349.8	0.0180	0.6675	0.2597	1.0531	3.9165		0.2547	0.8929	0.1946
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			323.1	0.0162	0.6626	0.2688	1.0030	3.8050		0.2193	0.9084	0.1820
STANDARD DEV:			31.3	0.0030	0.0650	0.0210	0.0801	0.2642		0.0297	0.0596	0.0234
M	5	C94515	331.8	0.0164	0.6596	0.2502	1.0271	5.2612		0.2043	0.9127	0.2177
M	5	C94516	295.2	0.0154	0.6962	0.2633	1.0711	5.4343		0.2572	1.0389	0.2449
M	5	C94517	337.9	0.0215	0.5814	0.3260	1.0788	4.5995		0.1874	0.9183	0.1482
M	5	C94518	316.7	0.0173	0.6375	0.2451	0.9937	6.1710		0.2468	0.8785	0.2508

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	5	C94519	317.4	0.0164	0.6781	0.2462	0.9559	4.5907		0.2245	0.8967	0.1735
M	5	C94520	325.4	0.0149	0.6688	0.2464	1.0317	5.2590		0.1457	0.9232	0.2056
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			320.7	0.0170	0.6536	0.2629	1.0264	5.2193		0.2110	0.9280	0.2068
STANDARD DEV:			15.0	0.0023	0.0404	0.0316	0.0465	0.5890		0.0412	0.0567	0.0401
M	6	C94521	226.3	0.0193	0.8344	0.3018	1.0410	8.9473		0.2672	1.3716	0.2672
M	6	C94522	243.9	0.0301	0.7940	0.3225	1.1868	7.9793		0.2106	1.3164	0.1640
M	6	C94524	211.8	0.0271	0.9333	0.3005	1.1466	8.5011		0.2904	1.1755	0.1531
M	6	C94525	228.0	0.0222	0.9426	0.3410	1.1100	8.5937		0.2992	1.3661	0.1818
M	6	C94526	229.1	0.0260	0.8963	0.3382	1.2016	9.0522		0.2158	1.3378	0.2189
NUMBER IN GROUP:			5	5	5	5	5	5		5	5	5
MEAN:			227.8	0.0249	0.8801	0.3208	1.1372	8.6147		0.2566	1.3135	0.1970
STANDARD DEV:			11.4	0.0042	0.0642	0.0193	0.0646	0.4240		0.0414	0.0803	0.0465

0007528

APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	1	C94491	335.4	0.0066
M	1	C94492	361.6	0.0049
M	1	C94493	339.1	0.0052
M	1	C94494	379.4	0.0079
M	1	C94495	343.5	0.0055
M	1	C94496	291.7	0.0059
NUMBER IN GROUP:			6	6
		MEAN:	341.8	0.0060
		STANDARD DEV:	29.6	0.0011
M	2	C94497	345.7	0.0085
M	2	C94498	321.0	0.0079
M	2	C94499	384.3	0.0056
M	2	C94500	320.2	0.0067
M	2	C94501	332.4	0.0047
M	2	C94502	323.8	0.0084
NUMBER IN GROUP:			6	6
		MEAN:	337.9	0.0070
		STANDARD DEV:	24.7	0.0016
M	3	C94503	338.4	0.0059
M	3	C94504	369.1	0.0063
M	3	C94505	337.9	0.0068

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CS2000

APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	3	C94506	322.1	0.0059
M	3	C94507	298.0	0.0075
M	3	C94508	357.8	0.0079
NUMBER IN GROUP:			6	6
		MEAN:	337.2	0.0067
		STANDARD DEV:	25.3	0.0009
M	4	C94509	301.9	0.0053
M	4	C94510	282.3	0.0068
M	4	C94511	308.5	0.0036
M	4	C94512	365.6	0.0069
M	4	C94513	330.7	0.0065
M	4	C94514	349.8	0.0087
NUMBER IN GROUP:			6	6
		MEAN:	323.1	0.0063
		STANDARD DEV:	31.3	0.0017
M	5	C94515	331.8	0.0076
M	5	C94516	295.2	0.0068
M	5	C94517	337.9	0.0061
M	5	C94518	316.7	0.0064

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	5	C94519	317.4	0.0054
M	5	C94520	325.4	0.0085
NUMBER IN GROUP:			6	6
		MEAN:	320.7	0.0068
		STANDARD DEV:	15.0	0.0011
M	6	C94521	226.3	0.0066
M	6	C94522	243.9	0.0071
M	6	C94524	211.8	0.0090
M	6	C94525	228.0	0.0133
M	6	C94526	229.1	0.0075
NUMBER IN GROUP:			5	5
		MEAN:	227.8	0.0087
		STANDARD DEV:	11.4	0.0027

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	1	C94527	213.0	0.0336	0.9396		0.9451	3.4895	0.0546	0.2611		0.2144
F	1	C94528	210.0	0.0336	0.9124		0.9188	3.7553	0.0450	0.1811		0.2863
F	1	C94529	228.8	0.0447	0.8404		1.1477	3.8407	0.0620	0.3014		0.2705
F	1	C94530	235.2	0.0257	0.8626		0.9270	3.5153	0.0699	0.2162		0.2315
F	1	C94531	207.8	0.0315	0.9408		0.9884	3.6097	0.0632	0.2252		0.2598
F	1	C94532	184.7	0.0369	1.0321		0.9519	3.5910	0.0623	0.2411		0.2773
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			213.3	0.0343	0.9213		0.9798	3.6336	0.0595	0.2377		0.2566
STANDARD DEV:			17.8	0.0063	0.0679		0.0858	0.1378	0.0086	0.0411		0.0280
F	2	C94533	200.3	0.0319	1.0181		0.9514	4.1602	0.0700	0.2522		0.2281
F	2	C94534	197.5	0.0332	1.0439		0.9704	3.6231	0.0699	0.2272		0.1962
F	2	C94535	217.3	0.0314	0.9525		0.8350	3.5901	0.0587	0.2381		0.2218
F	2	C94536	204.4	0.0393	0.8906		0.9791	3.3572	0.0707	0.3101		0.2820
F	2	C94537	223.4	0.0328	0.9124		1.0232	3.6709	0.0568	0.2163		0.2338
F	2	C94538	192.6	0.0315	0.9711		0.9799	3.6193	0.0568	0.2236		0.3698
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			205.9	0.0333	0.9648		0.9565	3.6701	0.0638	0.2446		0.2553
STANDARD DEV:			12.0	0.0030	0.0592		0.0640	0.2643	0.0070	0.0344		0.0627
F	3	C94539	217.8	0.0500	0.9235		1.2341	3.8482	0.0668	0.2537		0.2266
F	3	C94540	174.2	0.0358	1.1118		1.0985	3.7938	0.0805	0.2255		0.2269
F	3	C94541	234.2	0.0363	0.8820		1.0754	3.7716	0.0595	0.2813		0.2773

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
: KD - KIDNEY, LI - LIVER, OV - OVARY
: SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	3	C94542	242.5	0.0363	0.8267		1.0461	3.9152	0.0645	0.2264		0.2506
F	3	C94543	167.9	0.0290	1.1114		1.0372	3.8419	0.0587	0.1998		0.3313
F	3	C94544	185.5	0.0304	1.0995		1.1405	4.4349	0.0783	0.2519		0.2641
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			203.7	0.0363	0.9925		1.1053	3.9342	0.0681	0.2398		0.2628
STANDARD DEV:			32.0	0.0075	0.1298		0.0733	0.2503	0.0093	0.0285		0.0391
F	4	C94545	187.2	0.0313	1.0060		1.0764	3.8315	0.0656	0.2479		0.2517
F	4	C94546	219.7	0.0289	0.9328		0.9710	4.3590	0.0458	0.2654		0.2925
F	4	C94547	237.1	0.0335	0.9067		0.9526	4.1498	0.0564	0.2357		0.2525
F	4	C94548	186.8	0.0287	1.1231		1.0181	3.6846	0.0503	0.2170		0.3362
F	4	C94549	207.7	0.0314	0.9903		1.0318	4.2154	0.0788	0.2477		0.2137
F	4	C94550	187.0	0.0337	1.0181		1.0132	4.1186	0.0513	0.2308		0.2706
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			204.3	0.0312	0.9962		1.0105	4.0598	0.0580	0.2407		0.2695
STANDARD DEV:			21.1	0.0022	0.0758		0.0442	0.2523	0.0122	0.0167		0.0417
F	5	C94551	171.1	0.0386	1.1020		1.1350	5.1380	0.0753	0.2640		0.1847
F	5	C94552	201.4	0.0328	1.0194		1.1459	5.0835	0.0623	0.2369		0.1980
F	5	C94553	206.3	0.0329	0.9835		1.0708	5.0851	0.0527	0.2214		0.2952
F	5	C94554	184.4	0.0316	1.0274		1.0522	4.7060	0.0527	0.1939		0.2012

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
: KD - KIDNEY, LI - LIVER, OV - OVARY
: SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	5	C94555	192.5	0.0314	1.0766		1.1216	5.2079	0.0534	0.2568		0.4262
F	5	C94556	206.1	0.0377	1.0139		1.2633	4.5820	0.0655	0.2951		0.2533
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			193.6	0.0342	1.0372		1.1315	4.9671	0.0603	0.2447		0.2598
STANDARD DEV:			13.9	0.0032	0.0438		0.0744	0.2573	0.0092	0.0353		0.0915
F	6	C94557	151.5	0.0251	1.2825		1.1207	8.2434	0.0500	0.2075		0.2228
F	6	C94558	154.4	0.0293	1.3666		1.1079	8.2163	0.0503	0.2823		0.2756
F	6	C94559	134.5	0.0261	1.3369		1.0488	7.3432	0.0380	0.3193		0.3080
F	6	C94560	172.6	0.0225	1.2123		0.9717	8.6498	0.0389	0.3064		0.3747
F	6	C94561	161.3	0.0383	1.2195		1.2182	8.2650	0.0494	0.2555		0.2542
F	6	C94562	165.1	0.0357	1.2365		1.1449	6.6418	0.0645	0.2654		0.3136
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			156.6	0.0295	1.2757		1.1021	7.8932	0.0485	0.2727		0.2915
STANDARD DEV:			13.2	0.0062	0.0644		0.0843	0.7492	0.0097	0.0400		0.0530

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	1	C94527	213.0	0.0073
F	1	C94528	210.0	0.0067
F	1	C94529	228.8	0.0077
F	1	C94530	235.2	0.0057
F	1	C94531	207.8	0.0083
F	1	C94532	184.7	0.0095
NUMBER IN GROUP:			6	6
		MEAN:	213.3	0.0075
		STANDARD DEV:	17.8	0.0013
F	2	C94533	200.3	0.0098
F	2	C94534	197.5	0.0110
F	2	C94535	217.3	0.0090
F	2	C94536	204.4	0.0068
F	2	C94537	223.4	0.0086
F	2	C94538	192.6	0.0074
NUMBER IN GROUP:			6	6
		MEAN:	205.9	0.0088
		STANDARD DEV:	12.0	0.0015
F	3	C94539	217.8	0.0030EX
F	3	C94540	174.2	0.0125
F	3	C94541	234.2	0.0070

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	3	C94542	242.5	0.0103
F	3	C94543	167.9	0.0114
F	3	C94544	185.5	0.0075
NUMBER IN GROUP:			6	5
		MEAN:	203.7	0.0098
		STANDARD DEV:	32.0	0.0024
F	4	C94545	187.2	0.0070
F	4	C94546	219.7	0.0133
F	4	C94547	237.1	0.0054
F	4	C94548	186.8	0.0089
F	4	C94549	207.7	0.0106
F	4	C94550	187.0	0.0088
NUMBER IN GROUP:			6	6
		MEAN:	204.3	0.0090
		STANDARD DEV:	21.1	0.0028
F	5	C94551	171.1	0.0074
F	5	C94552	201.4	0.0121
F	5	C94553	206.3	0.0115
F	5	C94554	184.4	0.0081

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APPENDIX 6

Individual Organ-to-Body Weight Percentages

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	5	C94555	192.5	0.0092
F	5	C94556	206.1	0.0073
NUMBER IN GROUP:			6	6
		MEAN:	193.6	0.0093
		STANDARD DEV:	13.9	0.0021
F	6	C94557	151.5	0.0100
F	6	C94558	154.4	0.0079
F	6	C94559	134.5	0.0088
F	6	C94560	172.6	0.0055
F	6	C94561	161.3	0.0113
F	6	C94562	165.1	0.0093
NUMBER IN GROUP:			6	6
		MEAN:	156.6	0.0088
		STANDARD DEV:	13.2	0.0020

792000

APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	1	C94491	335.4	0.0290	1.0000	0.4902	1.7113	6.6515		0.4394	1.6438	0.2381
M	1	C94492	361.6	0.0260	1.0000	0.4427	1.6402	6.8996		0.3788	1.5022	0.2878
M	1	C94493	339.1	0.0293	1.0000	0.4543	1.9030	6.4565		0.3903	1.4818	0.2256
M	1	C94494	379.4	0.0299	1.0000	0.4787	1.7690	6.7562		0.3695	1.5496	0.3108
M	1	C94495	343.5	0.0189	1.0000	0.3842	1.4570	6.0595		0.3696	1.3335	0.4238
M	1	C94496	291.7	0.0360	1.0000	0.4373	1.4429	4.7975		0.3987	1.3973	0.2603
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			341.8	0.0282	1.0000	0.4479	1.6539	6.2701		0.3911	1.4847	0.2911
STANDARD DEV:			29.6	0.0056	0.0000	0.0374	0.1800	0.7779		0.0264	0.1098	0.0722
M	2	C94497	345.7	0.0307	1.0000	0.4762	1.3637	6.2406		0.4111	1.5369	0.2918
M	2	C94498	321.0	0.0308	1.0000	0.4632	1.3741	5.8628		0.2878	1.3391	0.3413
M	2	C94499	384.3	0.0217	1.0000	0.3961	1.6728	6.8319		0.3917	1.4812	0.4576
M	2	C94500	320.2	0.0271	1.0000	0.3992	1.6832	5.6477		0.3682	1.3132	0.3769
M	2	C94501	332.4	0.0300	1.0000	0.4697	1.4810	5.6379		0.4036	1.4071	0.2689
M	2	C94502	323.8	0.0283	1.0000	0.4471	1.5536	6.5240		0.3563	1.6298	0.2696
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			337.9	0.0281	1.0000	0.4419	1.5214	6.1241		0.3698	1.4512	0.3343
STANDARD DEV:			24.7	0.0035	0.0000	0.0357	0.1402	0.4911		0.0453	0.1214	0.0739
M	3	C94503	338.4	0.0388	1.0000	0.5446	1.8756	6.8284		0.5061	1.7860	0.3836
M	3	C94504	369.1	0.0311	1.0000	0.4294	1.7902	6.4197		0.3667	1.3593	0.4257
M	3	C94505	337.9	0.0259	1.0000	0.4639	1.5233	6.1865		0.3203	1.4578	0.3177

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	3	C94506	322.1	0.0252	1.0000	0.5185	1.7425	6.4297		0.3957	1.4013	0.2817
M	3	C94507	298.0	0.0333	1.0000	0.4251	1.4352	5.5520		0.3444	1.5871	0.2573
M	3	C94508	357.8	0.0272	1.0000	0.5299	1.6182	6.4484		0.3955	1.3796	0.3817
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			337.2	0.0303	1.0000	0.4852	1.6641	6.3108		0.3881	1.4952	0.3413
STANDARD DEV:			25.3	0.0052	0.0000	0.0526	0.1680	0.4252		0.0648	0.1644	0.0659
M	4	C94509	301.9	0.0259	1.0000	0.4289	1.4075	4.6244		0.2552	1.3968	0.2908
M	4	C94510	282.3	0.0238	1.0000	0.3724	1.4684	5.1589		0.3547	1.3291	0.2420
M	4	C94511	308.5	0.0260	1.0000	0.4042	1.4342	6.1224		0.3428	1.3055	0.2905
M	4	C94512	365.6	0.0191	1.0000	0.4802	1.6102	7.0802		0.3669	1.5790	0.2635
M	4	C94513	330.7	0.0242	1.0000	0.3743	1.6121	5.9886		0.2963	1.3172	0.2688
M	4	C94514	349.8	0.0270	1.0000	0.3890	1.5777	5.8677		0.3816	1.3378	0.2916
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			323.1	0.0243	1.0000	0.4082	1.5184	5.8070		0.3329	1.3776	0.2745
STANDARD DEV:			31.3	0.0028	0.0000	0.0411	0.0923	0.8457		0.0479	0.1037	0.0201
M	5	C94515	331.8	0.0249	1.0000	0.3794	1.5571	7.9757		0.3097	1.3836	0.3300
M	5	C94516	295.2	0.0222	1.0000	0.3782	1.5385	7.8056		0.3694	1.4922	0.3517
M	5	C94517	337.9	0.0369	1.0000	0.5606	1.8555	7.9109		0.3223	1.5794	0.2550
M	5	C94518	316.7	0.0272	1.0000	0.3845	1.5587	9.6804		0.3872	1.3780	0.3934

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
M	5	C94519	317.4	0.0243	1.0000	0.3631	1.4095	6.7696		0.3311	1.3223	0.2559
M	5	C94520	325.4	0.0223	1.0000	0.3684	1.5425	7.8629		0.2178	1.3803	0.3074
NUMBER IN GROUP:			6	6	6	6	6	6		6	6	6
MEAN:			320.7	0.0263	1.0000	0.4057	1.5770	8.0008		0.3229	1.4226	0.3156
STANDARD DEV:			15.0	0.0055	0.0000	0.0763	0.1476	0.9384		0.0593	0.0946	0.0545
M	6	C94521	226.3	0.0231	1.0000	0.3617	1.2475	10.7227		0.3202	1.6438	0.3202
M	6	C94522	243.9	0.0380	1.0000	0.4062	1.4946	10.0493		0.2653	1.6579	0.2065
M	6	C94524	211.8	0.0290	1.0000	0.3220	1.2286	9.1088		0.3112	1.2595	0.1641
M	6	C94525	228.0	0.0236	1.0000	0.3618	1.1776	9.1167		0.3174	1.4492	0.1929
M	6	C94526	229.1	0.0290	1.0000	0.3773	1.3406	10.0991		0.2407	1.4926	0.2442
NUMBER IN GROUP:			5	5	5	5	5	5		5	5	5
MEAN:			227.8	0.0285	1.0000	0.3658	1.2978	9.8193		0.2909	1.5006	0.2256
STANDARD DEV:			11.4	0.0060	0.0000	0.0305	0.1248	0.6974		0.0359	0.1628	0.0603

APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	1	C94491	335.4	0.0106
M	1	C94492	361.6	0.0089
M	1	C94493	339.1	0.0092
M	1	C94494	379.4	0.0141
M	1	C94495	343.5	0.0086
M	1	C94496	291.7	0.0085
NUMBER IN GROUP:			6	6
MEAN:			341.8	0.0100
STANDARD DEV:			29.6	0.0021
M	2	C94497	345.7	0.0157
M	2	C94498	321.0	0.0123
M	2	C94499	384.3	0.0103
M	2	C94500	320.2	0.0100
M	2	C94501	332.4	0.0075
M	2	C94502	323.8	0.0137
NUMBER IN GROUP:			6	6
MEAN:			337.9	0.0116
STANDARD DEV:			24.7	0.0029
M	3	C94503	338.4	0.0107
M	3	C94504	369.1	0.0112
M	3	C94505	337.9	0.0106

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	3	C94506	322.1	0.0100
M	3	C94507	298.0	0.0110
M	3	C94508	357.8	0.0135
NUMBER IN GROUP:			6	6
MEAN:			337.2	0.0112
STANDARD DEV:			25.3	0.0012
M	4	C94509	301.9	0.0073
M	4	C94510	282.3	0.0096
M	4	C94511	308.5	0.0055
M	4	C94512	365.6	0.0129
M	4	C94513	330.7	0.0097
M	4	C94514	349.8	0.0130
NUMBER IN GROUP:			6	6
MEAN:			323.1	0.0097
STANDARD DEV:			31.3	0.0030
M	5	C94515	331.8	0.0115
M	5	C94516	295.2	0.0098
M	5	C94517	337.9	0.0105
M	5	C94518	316.7	0.0101

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
M	5	C94519	317.4	0.0080
M	5	C94520	325.4	0.0128
NUMBER IN GROUP:			6	6
		MEAN:	320.7	0.0104
		STANDARD DEV:	15.0	0.0016
M	6	C94521	226.3	0.0079
M	6	C94522	243.9	0.0089
M	6	C94524	211.8	0.0097
M	6	C94525	228.0	0.0141
M	6	C94526	229.1	0.0084
NUMBER IN GROUP:			5	5
		MEAN:	227.8	0.0098
		STANDARD DEV:	11.4	0.0025

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	1	C94527	213.0	0.0357	1.0000		1.0058	3.7139	0.0581	0.2779		0.2282
F	1	C94528	210.0	0.0368	1.0000		1.0070	4.1160	0.0493	0.1985		0.3138
F	1	C94529	228.8	0.0532	1.0000		1.3657	4.5702	0.0737	0.3586		0.3218
F	1	C94530	235.2	0.0298	1.0000		1.0746	4.0753	0.0810	0.2506		0.2684
F	1	C94531	207.8	0.0335	1.0000		1.0505	3.8368	0.0672	0.2393		0.2761
F	1	C94532	184.7	0.0358	1.0000		0.9224	3.4795	0.0603	0.2336		0.2686
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			213.3	0.0375	1.0000		1.0710	3.9653	0.0650	0.2598		0.2795
STANDARD DEV:			17.8	0.0081	0.0000		0.1534	0.3785	0.0114	0.0548		0.0342
F	2	C94533	200.3	0.0313	1.0000		0.9344	4.0862	0.0687	0.2477		0.2240
F	2	C94534	197.5	0.0318	1.0000		0.9296	3.4707	0.0669	0.2176		0.1879
F	2	C94535	217.3	0.0330	1.0000		0.8767	3.7691	0.0616	0.2500		0.2328
F	2	C94536	204.4	0.0441	1.0000		1.0994	3.7698	0.0794	0.3482		0.3167
F	2	C94537	223.4	0.0360	1.0000		1.1214	4.0232	0.0623	0.2371		0.2562
F	2	C94538	192.6	0.0324	1.0000		1.0091	3.7270	0.0585	0.2303		0.3808
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			205.9	0.0348	1.0000		0.9951	3.8077	0.0663	0.2551		0.2664
STANDARD DEV:			12.0	0.0049	0.0000		0.0990	0.2222	0.0075	0.0471		0.0704
F	3	C94539	217.8	0.0542	1.0000		1.3363	4.1671	0.0723	0.2747		0.2454
F	3	C94540	174.2	0.0322	1.0000		0.9881	3.4124	0.0724	0.2029		0.2041
F	3	C94541	234.2	0.0411	1.0000		1.2193	4.2760	0.0675	0.3190		0.3144

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	3	C94542	242.5	0.0439	1.0000		1.2654	4.7358	0.0781	0.2738		0.3032
F	3	C94543	167.9	0.0261	1.0000		0.9332	3.4569	0.0528	0.1797		0.2981
F	3	C94544	185.5	0.0276	1.0000		1.0373	4.0337	0.0712	0.2291		0.2402
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			203.7	0.0375	1.0000		1.1299	4.0137	0.0691	0.2466		0.2676
STANDARD DEV:			32.0	0.0109	0.0000		0.1651	0.5071	0.0086	0.0519		0.0440
F	4	C94545	187.2	0.0311	1.0000		1.0700	3.8087	0.0652	0.2464		0.2502
F	4	C94546	219.7	0.0309	1.0000		1.0409	4.6732	0.0491	0.2845		0.3136
F	4	C94547	237.1	0.0369	1.0000		1.0506	4.5766	0.0622	0.2599		0.2785
F	4	C94548	186.8	0.0255	1.0000		0.9065	3.2806	0.0448	0.1932		0.2993
F	4	C94549	207.7	0.0317	1.0000		1.0419	4.2566	0.0795	0.2501		0.2158
F	4	C94550	187.0	0.0331	1.0000		0.9952	4.0454	0.0504	0.2267		0.2658
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			204.3	0.0316	1.0000		1.0175	4.1069	0.0586	0.2435		0.2705
STANDARD DEV:			21.1	0.0037	0.0000		0.0597	0.5175	0.0130	0.0310		0.0352
F	5	C94551	171.1	0.0351	1.0000		1.0299	4.6625	0.0684	0.2396		0.1676
F	5	C94552	201.4	0.0321	1.0000		1.1241	4.9867	0.0611	0.2324		0.1942
F	5	C94553	206.3	0.0335	1.0000		1.0888	5.1703	0.0536	0.2251		0.3001
F	5	C94554	184.4	0.0307	1.0000		1.0241	4.5803	0.0513	0.1887		0.1959

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: AD - ADRENAL, BR - BRAIN, EP - EPIDIDYMIDES
KD - KIDNEY, LI - LIVER, OV - OVARY
SP - SPLEEN, TE - TESTIS, TH - THYMUS

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	AD	BR	EP	KD	LI	OV	SP	TE	TH
F	5	C94555	192.5	0.0292	1.0000		1.0418	4.8372	0.0496	0.2386		0.3959
F	5	C94556	206.1	0.0372	1.0000		1.2459	4.5191	0.0646	0.2910		0.2498
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			193.6	0.0330	1.0000		1.0924	4.7927	0.0581	0.2359		0.2506
STANDARD DEV:			13.9	0.0029	0.0000		0.0845	0.2526	0.0077	0.0329		0.0856
F	6	C94557	151.5	0.0196	1.0000		0.8739	6.4275	0.0390	0.1618		0.1738
F	6	C94558	154.4	0.0215	1.0000		0.8107	6.0120	0.0368	0.2065		0.2017
F	6	C94559	134.5	0.0195	1.0000		0.7846	5.4928	0.0284	0.2389		0.2304
F	6	C94560	172.6	0.0186	1.0000		0.8015	7.1348	0.0321	0.2528		0.3091
F	6	C94561	161.3	0.0314	1.0000		0.9990	6.7776	0.0405	0.2096		0.2084
F	6	C94562	165.1	0.0289	1.0000		0.9259	5.3713	0.0522	0.2146		0.2536
NUMBER IN GROUP:			6	6	6		6	6	6	6		6
MEAN:			156.6	0.0232	1.0000		0.8659	6.2027	0.0382	0.2140		0.2295
STANDARD DEV:			13.2	0.0055	0.0000		0.0839	0.7044	0.0082	0.0314		0.0474

APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	1	C94527	213.0	0.0077
F	1	C94528	210.0	0.0074
F	1	C94529	228.8	0.0092
F	1	C94530	235.2	0.0066
F	1	C94531	207.8	0.0088
F	1	C94532	184.7	0.0092
NUMBER IN GROUP:			6	6
		MEAN:	213.3	0.0081
		STANDARD DEV:	17.8	0.0011
F	2	C94533	200.3	0.0097
F	2	C94534	197.5	0.0105
F	2	C94535	217.3	0.0095
F	2	C94536	204.4	0.0077
F	2	C94537	223.4	0.0094
F	2	C94538	192.6	0.0076
NUMBER IN GROUP:			6	6
		MEAN:	205.9	0.0091
		STANDARD DEV:	12.0	0.0012
F	3	C94539	217.8	0.0033EX
F	3	C94540	174.2	0.0112
F	3	C94541	234.2	0.0079

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	3	C94542	242.5	0.0125
F	3	C94543	167.9	0.0103
F	3	C94544	185.5	0.0069
NUMBER IN GROUP:			6	5
MEAN:			203.7	0.0098
STANDARD DEV:			32.0	0.0023
F	4	C94545	187.2	0.0070
F	4	C94546	219.7	0.0143
F	4	C94547	237.1	0.0060
F	4	C94548	186.8	0.0080
F	4	C94549	207.7	0.0107
F	4	C94550	187.0	0.0087
NUMBER IN GROUP:			6	6
MEAN:			204.3	0.0091
STANDARD DEV:			21.1	0.0030
F	5	C94551	171.1	0.0067
F	5	C94552	201.4	0.0119
F	5	C94553	206.3	0.0117
F	5	C94554	184.4	0.0079

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APPENDIX 6

Individual Organ-to-Brain Weight Ratios

Terminal Sacrifice

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

TABLE INCLUDES:
SEX=ALL;GROUP=ALL;WEEKS=ALL
DEATH=T;SUBSET=ALL

ORGAN ABBREVIATION: TT - THYROID/PARATHYR

SEX	DOSE GROUP	ANIMAL NUMBER	TERMINAL BODY WT (g)	TT
F	5	C94555	192.5	0.0085
F	5	C94556	206.1	0.0072
NUMBER IN GROUP:			6	6
MEAN:			193.6	0.0090
STANDARD DEV:			13.9	0.0023
F	6	C94557	151.5	0.0078
F	6	C94558	154.4	0.0058
F	6	C94559	134.5	0.0066
F	6	C94560	172.6	0.0045
F	6	C94561	161.3	0.0093
F	6	C94562	165.1	0.0075
NUMBER IN GROUP:			6	6
MEAN:			156.6	0.0069
STANDARD DEV:			13.2	0.0017

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94491 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 335.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:01 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0612	.0182 %	.0290	WEIGHT TAKEN
BRAIN (BR)	2.1109	.6294 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	1.0347	.3085 %	.4902	WEIGHT TAKEN
KIDNEY (KD)	3.6123	1.0770 %	1.7113	WEIGHT TAKEN
LIVER (LI)	14.0407	4.1863 %	6.6515	WEIGHT TAKEN
SPLEEN (SP)	.9276	.2766 %	.4394	WEIGHT TAKEN
TESTIS (TE)	3.4698	1.0345 %	1.6438	WEIGHT TAKEN
THYMUS (TH)	.5026	.1499 %	.2381	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0223	.0066 %	.0106	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94491 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 335.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:01 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94492 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 361.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:46 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0515	.0142 %	.0260	WEIGHT TAKEN
BRAIN (BR)	1.9843	.5488 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8785	.2429 %	.4427	WEIGHT TAKEN
KIDNEY (KD)	3.2546	.9001 %	1.6402	WEIGHT TAKEN
LIVER (LI)	13.6908	3.7862 %	6.8996	WEIGHT TAKEN
SPLEEN (SP)	.7517	.2079 %	.3788	WEIGHT TAKEN
TESTIS (TE)	2.9808	.8243 %	1.5022	WEIGHT TAKEN
THYMUS (TH)	.5711	.1579 %	.2878	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0177	.0049 %	.0089	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000282

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94492 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 361.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:46 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94493 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 339.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:30 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0563	.0166 %	.0293	WEIGHT TAKEN
BRAIN (BR)	1.9218	.5667 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8731	.2575 %	.4543	WEIGHT TAKEN
KIDNEY (KD)	3.6572	1.0785 %	1.9030	WEIGHT TAKEN
LIVER (LI)	12.4081	3.6591 %	6.4565	WEIGHT TAKEN
SPLEEN (SP)	.7500	.2212 %	.3903	WEIGHT TAKEN
TESTIS (TE)	2.8478	.8398 %	1.4818	WEIGHT TAKEN
THYMUS (TH)	.4336	.1279 %	.2256	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0177	.0052 %	.0092	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: MULTIPLE BROWN AREAS, UP TO 1 MM IN DIAMETER
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
ADRENAL, CORTEX (AC) :
-VACUOLATION,-MINIMAL
STOMACH, GL (ST) :
>UNREMARKABLE

0007784

APPENDIX 6

Individual Animal Pathology Data

ANIMAL NUMBER: C94493 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 339.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:30 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE), STOMACH, NONGL (SU)

007753

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94494 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 379.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:02 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0634	.0167 %	.0299	WEIGHT TAKEN
BRAIN (BR)	2.1238	.5598 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	1.0167	.2680 %	.4787	WEIGHT TAKEN
KIDNEY (KD)	3.7571	.9903 %	1.7690	WEIGHT TAKEN
LIVER (LI)	14.3488	3.7820 %	6.7562	WEIGHT TAKEN
SPLEEN (SP)	.7848	.2069 %	.3695	WEIGHT TAKEN
TESTIS (TE)	3.2911	.8674 %	1.5496	WEIGHT TAKEN
THYMUS (TH)	.6600	.1740 %	.3108	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0299	.0079 %	.0141	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-DEGENERATION, TUBULAR,-MINIMAL
-HYALINE DROPLETS, TUBULAR EPITHELIUM,-SLIGHT
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
ADRENAL, CORTEX (AC) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

982000

APPENDIX 6

Individual Animal Pathology Data

ANIMAL NUMBER: C94494 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 379.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:02 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE)

007287

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94495 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 343.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:26 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0416	.0121 %	.0189	WEIGHT TAKEN
BRAIN (BR)	2.1985	.6400 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8446	.2459 %	.3842	WEIGHT TAKEN
KIDNEY (KD)	3.2033	.9325 %	1.4570	WEIGHT TAKEN
LIVER (LI)	13.3219	3.8783 %	6.0595	WEIGHT TAKEN
SPLEEN (SP)	.8125	.2365 %	.3696	WEIGHT TAKEN
TESTIS (TE)	2.9317	.8535 %	1.3335	WEIGHT TAKEN
THYMUS (TH)	.9318	.2713 %	.4238	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0189	.0055 %	.0086	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

0007288

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94495 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 343.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:26 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000739

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94496 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 291.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:34 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0725	.0249 %	.0360	WEIGHT TAKEN
BRAIN (BR)	2.0137	.6903 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8805	.3019 %	.4373	WEIGHT TAKEN
KIDNEY (KD)	2.9056	.9961 %	1.4429	WEIGHT TAKEN
LIVER (LI)	9.6607	3.3119 %	4.7975	WEIGHT TAKEN
SPLEEN (SP)	.8029	.2752 %	.3987	WEIGHT TAKEN
TESTIS (TE)	2.8137	.9646 %	1.3973	WEIGHT TAKEN
THYMUS (TH)	.5241	.1797 %	.2603	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0172	.0059 %	.0085	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

0007930

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94496 SEX: MALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 291.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:34 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

0007916

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94497 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 345.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:23 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0579	.0167 %	.0307	WEIGHT TAKEN
BRAIN (BR)	1.8832	.5447 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8967	.2594 %	.4762	WEIGHT TAKEN
KIDNEY (KD)	2.5682	.7429 %	1.3637	WEIGHT TAKEN
LIVER (LI)	11.7523	3.3996 %	6.2406	WEIGHT TAKEN
SPLEEN (SP)	.7741	.2239 %	.4111	WEIGHT TAKEN
TESTIS (TE)	2.8943	.8372 %	1.5369	WEIGHT TAKEN
THYMUS (TH)	.5496	.1590 %	.2918	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0295	.0085 %	.0157	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-INFLAMMATION, CHRONIC,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94497 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 345.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:23 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000793

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94498 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 321.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:20 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0630	.0196 %	.0308	WEIGHT TAKEN
BRAIN (BR)	2.0462	.6374 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.9478	.2953 %	.4632	WEIGHT TAKEN
KIDNEY (KD)	2.8116	.8759 %	1.3741	WEIGHT TAKEN
LIVER (LI)	11.9965	3.7372 %	5.8628	WEIGHT TAKEN
SPLEEN (SP)	.5888	.1834 %	.2878	WEIGHT TAKEN
TESTIS (TE)	2.7400	.8536 %	1.3391	WEIGHT TAKEN
THYMUS (TH)	.6983	.2175 %	.3413	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0252	.0079 %	.0123	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94498 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 321.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:20 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000793

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94499 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 384.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:48 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0454	.0118 %	.0217	WEIGHT TAKEN
BRAIN (BR)	2.0893	.5437 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8275	.2153 %	.3961	WEIGHT TAKEN
KIDNEY (KD)	3.4950	.9094 %	1.6728	WEIGHT TAKEN
LIVER (LI)	14.2738	3.7142 %	6.8319	WEIGHT TAKEN
SPLEEN (SP)	.8183	.2129 %	.3917	WEIGHT TAKEN
TESTIS (TE)	3.0946	.8053 %	1.4812	WEIGHT TAKEN
THYMUS (TH)	.9560	.2488 %	.4576	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0216	.0056 %	.0103	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-INFLAMMATION, CHRONIC,-SLIGHT
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

967000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94499 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 384.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:48 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

0007927

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94500 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 320.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:29 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0575	.0180 %	.0271	WEIGHT TAKEN
BRAIN (BR)	2.1243	.6634 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8480	.2648 %	.3992	WEIGHT TAKEN
KIDNEY (KD)	3.5756	1.1167 %	1.6832	WEIGHT TAKEN
LIVER (LI)	11.9975	3.7469 %	5.6477	WEIGHT TAKEN
SPLEEN (SP)	.7821	.2443 %	.3682	WEIGHT TAKEN
TESTIS (TE)	2.7896	.8712 %	1.3132	WEIGHT TAKEN
THYMUS (TH)	.8007	.2501 %	.3769	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0213	.0067 %	.0100	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-HYALINE DROPLETS, TUBULAR EPITHELIUM,-MINIMAL
-PYELITIS,-MODERATE
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
ADRENAL, CORTEX (AC) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

0007998

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94500 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 320.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:29 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE)

662000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94501 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 332.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:14 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0621	.0187 %	.0300	WEIGHT TAKEN
BRAIN (BR)	2.0688	.6224 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.9718	.2924 %	.4697	WEIGHT TAKEN
KIDNEY (KD)	3.0639	.9218 %	1.4810	WEIGHT TAKEN
LIVER (LI)	11.6636	3.5089 %	5.6379	WEIGHT TAKEN
SPLEEN (SP)	.8350	.2512 %	.4036	WEIGHT TAKEN
TESTIS (TE)	2.9111	.8758 %	1.4071	WEIGHT TAKEN
THYMUS (TH)	.5562	.1673 %	.2689	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0155	.0047 %	.0075	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-HYALINE DROPLETS, TUBULAR EPITHELIUM,-MINIMAL

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94501 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 332.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:14 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000801

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94502 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 323.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:18 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0565	.0174 %	.0283	WEIGHT TAKEN
BRAIN (BR)	1.9994	.6175 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8940	.2761 %	.4471	WEIGHT TAKEN
KIDNEY (KD)	3.1062	.9593 %	1.5536	WEIGHT TAKEN
LIVER (LI)	13.0440	4.0284 %	6.5240	WEIGHT TAKEN
SPLEEN (SP)	.7124	.2200 %	.3563	WEIGHT TAKEN
TESTIS (TE)	3.2586	1.0064 %	1.6298	WEIGHT TAKEN
THYMUS (TH)	.5391	.1665 %	.2696	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0273	.0084 %	.0137	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

EYE (EY) :
-VASCULARIZATION, CORNEAL,-MINIMAL
BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94502 SEX: MALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 323.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:18 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000803

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94503 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 338.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:27 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0719	.0212 %	.0388	WEIGHT TAKEN
BRAIN (BR)	1.8517	.5472 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	1.0084	.2980 %	.5446	WEIGHT TAKEN
KIDNEY (KD)	3.4730	1.0263 %	1.8756	WEIGHT TAKEN
LIVER (LI)	12.6442	3.7365 %	6.8284	WEIGHT TAKEN
SPLEEN (SP)	.9372	.2770 %	.5061	WEIGHT TAKEN
TESTIS (TE)	3.3072	.9773 %	1.7860	WEIGHT TAKEN
THYMUS (TH)	.7104	.2099 %	.3836	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0198	.0059 %	.0107	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

SKIN (SK) :
-CRUSTED AREA(S); BILATERAL, SHOULDER REGION: TWO DRY, RED, CRUSTED AREAS, LEFT IS 12 X 9 MM (CAP 21), RIGHT IS 10 X 4 MM (CAP 22)
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
SKIN (SK) :
-INFLAMMATION, CHRONIC-ACTIVE,-MODERATE
>NOTE:>WITH ACANTHOSIS.

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94503 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 338.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:27 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000805

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94504 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 369.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:13 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0644	.0174 %	.0311	WEIGHT TAKEN
BRAIN (BR)	2.0698	.5608 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8887	.2408 %	.4294	WEIGHT TAKEN
KIDNEY (KD)	3.7053	1.0039 %	1.7902	WEIGHT TAKEN
LIVER (LI)	13.2875	3.6000 %	6.4197	WEIGHT TAKEN
SPLEEN (SP)	.7590	.2056 %	.3667	WEIGHT TAKEN
TESTIS (TE)	2.8135	.7623 %	1.3593	WEIGHT TAKEN
THYMUS (TH)	.8812	.2387 %	.4257	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0231	.0063 %	.0112	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
ADRENAL, CORTEX (AC) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

908000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94504 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 369.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:13 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE)

008007

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94505 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 337.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:38 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0562	.0166 %	.0259	WEIGHT TAKEN
BRAIN (BR)	2.1689	.6419 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	1.0062	.2978 %	.4639	WEIGHT TAKEN
KIDNEY (KD)	3.3038	.9777 %	1.5233	WEIGHT TAKEN
LIVER (LI)	13.4179	3.9710 %	6.1865	WEIGHT TAKEN
SPLEEN (SP)	.6947	.2056 %	.3203	WEIGHT TAKEN
TESTIS (TE)	3.1618	.9357 %	1.4578	WEIGHT TAKEN
THYMUS (TH)	.6890	.2039 %	.3177	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0230	.0068 %	.0106	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

EYE (EY) :
-ONE EXAMINED,-PRESENT
>NOTE:>ONE OF PAIR PRESENT.

000808

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94505 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 337.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:38 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

608000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94506 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 322.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:53 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0479	.0149 %	.0252	WEIGHT TAKEN
BRAIN (BR)	1.8990	.5896 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.9847	.3057 %	.5185	WEIGHT TAKEN
KIDNEY (KD)	3.3090	1.0273 %	1.7425	WEIGHT TAKEN
LIVER (LI)	12.2100	3.7907 %	6.4297	WEIGHT TAKEN
SPLEEN (SP)	.7515	.2333 %	.3957	WEIGHT TAKEN
TESTIS (TE)	2.6611	.8262 %	1.4013	WEIGHT TAKEN
THYMUS (TH)	.5349	.1661 %	.2817	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0189	.0059 %	.0100	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

EYE (EY) :
-ONE EXAMINED,-PRESENT
>NOTE:>ONE OF PAIR PRESENT.
BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-NECROSIS,-MINIMAL
ADRENAL, CORTEX (AC) :
-VACUOLATION,-MINIMAL

000810

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94506 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 322.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:53 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE)

000811

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94507 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 298.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:41 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0676	.0227 %	.0333	WEIGHT TAKEN
BRAIN (BR)	2.0294	.6810 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8627	.2895 %	.4251	WEIGHT TAKEN
KIDNEY (KD)	2.9125	.9773 %	1.4352	WEIGHT TAKEN
LIVER (LI)	11.2672	3.7809 %	5.5520	WEIGHT TAKEN
SPLEEN (SP)	.6989	.2345 %	.3444	WEIGHT TAKEN
TESTIS (TE)	3.2209	1.0808 %	1.5871	WEIGHT TAKEN
THYMUS (TH)	.5221	.1752 %	.2573	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0224	.0075 %	.0110	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL

000812

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94507 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 298.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:41 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000813

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94508 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 357.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:23 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0567	.0158 %	.0272	WEIGHT TAKEN
BRAIN (BR)	2.0861	.5830 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	1.1055	.3090 %	.5299	WEIGHT TAKEN
KIDNEY (KD)	3.3758	.9435 %	1.6182	WEIGHT TAKEN
LIVER (LI)	13.4521	3.7597 %	6.4484	WEIGHT TAKEN
SPLEEN (SP)	.8250	.2306 %	.3955	WEIGHT TAKEN
TESTIS (TE)	2.8780	.8044 %	1.3796	WEIGHT TAKEN
THYMUS (TH)	.7962	.2225 %	.3817	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0282	.0079 %	.0135	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL

000814

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94508 SEX: MALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 357.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:23 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000815

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94509 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 301.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:52 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0566	.0187 %	.0259	WEIGHT TAKEN
BRAIN (BR)	2.1850	.7237 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.9372	.3104 %	.4289	WEIGHT TAKEN
KIDNEY (KD)	3.0753	1.0186 %	1.4075	WEIGHT TAKEN
LIVER (LI)	10.1043	3.3469 %	4.6244	WEIGHT TAKEN
SPLEEN (SP)	.5576	.1847 %	.2552	WEIGHT TAKEN
TESTIS (TE)	3.0521	1.0110 %	1.3968	WEIGHT TAKEN
THYMUS (TH)	.6354	.2105 %	.2908	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0160	.0053 %	.0073	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-CYST,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94509 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 301.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:52 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000817

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Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94510 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 282.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:36 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0478	.0169 %	.0238	WEIGHT TAKEN
BRAIN (BR)	2.0063	.7107 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.7471	.2646 %	.3724	WEIGHT TAKEN
KIDNEY (KD)	2.9461	1.0436 %	1.4684	WEIGHT TAKEN
LIVER (LI)	10.3504	3.6665 %	5.1589	WEIGHT TAKEN
SPLEEN (SP)	.7116	.2521 %	.3547	WEIGHT TAKEN
TESTIS (TE)	2.6666	.9446 %	1.3291	WEIGHT TAKEN
THYMUS (TH)	.4856	.1720 %	.2420	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0192	.0068 %	.0096	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94510 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 282.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:36 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000819

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94511 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 308.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:45 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0530	.0172 %	.0260	WEIGHT TAKEN
BRAIN (BR)	2.0354	.6598 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8228	.2667 %	.4042	WEIGHT TAKEN
KIDNEY (KD)	2.9192	.9463 %	1.4342	WEIGHT TAKEN
LIVER (LI)	12.4616	4.0394 %	6.1224	WEIGHT TAKEN
SPLEEN (SP)	.6977	.2262 %	.3428	WEIGHT TAKEN
TESTIS (TE)	2.6572	.8613 %	1.3055	WEIGHT TAKEN
THYMUS (TH)	.5913	.1917 %	.2905	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0111	.0036 %	.0055	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-INFLAMMATION, CHRONIC,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
ADRENAL, CORTEX (AC) :
-VACUOLATION,-MINIMAL

000820

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94511 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 308.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:45 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE)

T28000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94512 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 365.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:44 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0377	.0103 %	.0191	WEIGHT TAKEN
BRAIN (BR)	1.9763	.5406 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.9490	.2596 %	.4802	WEIGHT TAKEN
KIDNEY (KD)	3.1823	.8704 %	1.6102	WEIGHT TAKEN
LIVER (LI)	13.9926	3.8273 %	7.0802	WEIGHT TAKEN
SPLEEN (SP)	.7251	.1983 %	.3669	WEIGHT TAKEN
TESTIS (TE)	3.1206	.8536 %	1.5790	WEIGHT TAKEN
THYMUS (TH)	.5207	.1424 %	.2635	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0254	.0069 %	.0129	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

ADRENAL, CORTEX (AC) :
-SMALL; RIGHT: 3 X 2 X 1 MM (FOR COMPARISON, LEFT IS 5 X 3 X 2 MM)
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL
ADRENAL, CORTEX (AC) :
>UNREMARKABLE

228000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94512 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 365.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:44 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE)

008023

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94513 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 330.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:24 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0538	.0163 %	.0242	WEIGHT TAKEN
BRAIN (BR)	2.2273	.6735 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8336	.2521 %	.3743	WEIGHT TAKEN
KIDNEY (KD)	3.5906	1.0858 %	1.6121	WEIGHT TAKEN
LIVER (LI)	13.3383	4.0334 %	5.9886	WEIGHT TAKEN
SPLEEN (SP)	.6600	.1996 %	.2963	WEIGHT TAKEN
TESTIS (TE)	2.9338	.8871 %	1.3172	WEIGHT TAKEN
THYMUS (TH)	.5986	.1810 %	.2688	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0216	.0065 %	.0097	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94513 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 330.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:24 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000825

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94514 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 349.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:22 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0630	.0180 %	.0270	WEIGHT TAKEN
BRAIN (BR)	2.3348	.6675 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.9083	.2597 %	.3890	WEIGHT TAKEN
KIDNEY (KD)	3.6837	1.0531 %	1.5777	WEIGHT TAKEN
LIVER (LI)	13.7000	3.9165 %	5.8677	WEIGHT TAKEN
SPLEEN (SP)	.8910	.2547 %	.3816	WEIGHT TAKEN
TESTIS (TE)	3.1234	.8929 %	1.3378	WEIGHT TAKEN
THYMUS (TH)	.6808	.1946 %	.2916	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0304	.0087 %	.0130	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-SLIGHT
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MINIMAL

000526

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94514 SEX: MALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 349.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:22 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000827

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94515 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 331.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:25 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0545	.0164 %	.0249	WEIGHT TAKEN
BRAIN (BR)	2.1887	.6596 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8303	.2502 %	.3794	WEIGHT TAKEN
KIDNEY (KD)	3.4080	1.0271 %	1.5571	WEIGHT TAKEN
LIVER (LI)	17.4565	5.2612 %	7.9757	WEIGHT TAKEN
SPLEEN (SP)	.6778	.2043 %	.3097	WEIGHT TAKEN
TESTIS (TE)	3.0282	.9127 %	1.3836	WEIGHT TAKEN
THYMUS (TH)	.7223	.2177 %	.3300	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0252	.0076 %	.0115	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-SLIGHT
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-NECROSIS,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

828000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94515 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 331.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:25 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

023000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94516 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 295.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:27 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0456	.0154 %	.0222	WEIGHT TAKEN
BRAIN (BR)	2.0552	.6962 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.7772	.2633 %	.3782	WEIGHT TAKEN
KIDNEY (KD)	3.1619	1.0711 %	1.5385	WEIGHT TAKEN
LIVER (LI)	16.0421	5.4343 %	7.8056	WEIGHT TAKEN
SPLEEN (SP)	.7592	.2572 %	.3694	WEIGHT TAKEN
TESTIS (TE)	3.0667	1.0389 %	1.4922	WEIGHT TAKEN
THYMUS (TH)	.7229	.2449 %	.3517	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0201	.0068 %	.0098	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

0008830

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94516 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 295.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:27 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

0008331

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94517 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 337.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:57 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0725	.0215 %	.0369	WEIGHT TAKEN
BRAIN (BR)	1.9646	.5814 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	1.1014	.3260 %	.5606	WEIGHT TAKEN
KIDNEY (KD)	3.6453	1.0788 %	1.8555	WEIGHT TAKEN
LIVER (LI)	15.5417	4.5995 %	7.9109	WEIGHT TAKEN
SPLEEN (SP)	.6331	.1874 %	.3223	WEIGHT TAKEN
TESTIS (TE)	3.1028	.9183 %	1.5794	WEIGHT TAKEN
THYMUS (TH)	.5009	.1482 %	.2550	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0207	.0061 %	.0105	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94517 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 337.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:57 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94518 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 316.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:19 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0549	.0173 %	.0272	WEIGHT TAKEN
BRAIN (BR)	2.0189	.6375 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.7763	.2451 %	.3845	WEIGHT TAKEN
KIDNEY (KD)	3.1469	.9937 %	1.5587	WEIGHT TAKEN
LIVER (LI)	19.5437	6.1710 %	9.6804	WEIGHT TAKEN
SPLEEN (SP)	.7817	.2468 %	.3872	WEIGHT TAKEN
TESTIS (TE)	2.7821	.8785 %	1.3780	WEIGHT TAKEN
THYMUS (TH)	.7942	.2508 %	.3934	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0203	.0064 %	.0101	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-DEGENERATION, TUBULAR,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94518 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 316.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:19 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94519 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 317.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:16 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0522	.0164 %	.0243	WEIGHT TAKEN
BRAIN (BR)	2.1524	.6781 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.7815	.2462 %	.3631	WEIGHT TAKEN
KIDNEY (KD)	3.0339	.9559 %	1.4095	WEIGHT TAKEN
LIVER (LI)	14.5708	4.5907 %	6.7696	WEIGHT TAKEN
SPLEEN (SP)	.7127	.2245 %	.3311	WEIGHT TAKEN
TESTIS (TE)	2.8462	.8967 %	1.3223	WEIGHT TAKEN
THYMUS (TH)	.5508	.1735 %	.2559	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0172	.0054 %	.0080	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000836

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94519 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 317.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:16 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94520 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 325.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:50 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0485	.0149 %	.0223	WEIGHT TAKEN
BRAIN (BR)	2.1764	.6688 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.8017	.2464 %	.3684	WEIGHT TAKEN
KIDNEY (KD)	3.3572	1.0317 %	1.5425	WEIGHT TAKEN
LIVER (LI)	17.1128	5.2590 %	7.8629	WEIGHT TAKEN
SPLEEN (SP)	.4740	.1457 %	.2178	WEIGHT TAKEN
TESTIS (TE)	3.0040	.9232 %	1.3803	WEIGHT TAKEN
THYMUS (TH)	.6690	.2056 %	.3074	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0278	.0085 %	.0128	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE
PANCREAS (PA) :
-INFLAMMATION, CHRONIC,-SLIGHT
-HEMORRHAGE,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94520 SEX: MALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 325.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:50 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94521 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 226.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:03 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0436	.0193 %	.0231	WEIGHT TAKEN
BRAIN (BR)	1.8883	.8344 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.6830	.3018 %	.3617	WEIGHT TAKEN
KIDNEY (KD)	2.3557	1.0410 %	1.2475	WEIGHT TAKEN
LIVER (LI)	20.2477	8.9473 %	10.7227	WEIGHT TAKEN
SPLEEN (SP)	.6046	.2672 %	.3202	WEIGHT TAKEN
TESTIS (TE)	3.1040	1.3716 %	1.6438	WEIGHT TAKEN
THYMUS (TH)	.6047	.2672 %	.3202	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0149	.0066 %	.0079	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LIVER (LI) :
-LARGE; ALL LOBES: THICKENED

STOMACH, GL (ST) :
-RED FOCUS(I)/AREA(S); MUCOSA: SINGLE FOCUS, 1 MM IN DIAMETER

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-ANIMAL THIN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE
LN, MESENTERIC (MS) :
-HEMORRHAGE,-MINIMAL
STOMACH, GL (ST) :
>UNREMARKABLE

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94521 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 226.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:03 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94522 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 243.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:17 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0735	.0301 %	.0380	WEIGHT TAKEN
BRAIN (BR)	1.9366	.7940 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.7866	.3225 %	.4062	WEIGHT TAKEN
KIDNEY (KD)	2.8945	1.1868 %	1.4946	WEIGHT TAKEN
LIVER (LI)	19.4615	7.9793 %	10.0493	WEIGHT TAKEN
SPLEEN (SP)	.5137	.2106 %	.2653	WEIGHT TAKEN
TESTIS (TE)	3.2106	1.3164 %	1.6579	WEIGHT TAKEN
THYMUS (TH)	.4000	.1640 %	.2065	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0172	.0071 %	.0089	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

LIVER (LI) :
-LARGE; ALL LOBES, THICKENED
-LIGHT FOCUS(I)/AREA(S); ALL LOBES: MULTIPLE TAN AREAS, UP TO 3 X 4 MM; COLLECTED ON ROUTINE SECTION
-DIFFUSELY DARK; ALL LOBES: BROWN
LN, MANDIBULAR (MN) :
-MOTTLED; BILATERAL: RED AND TAN

GENERAL COMMENT (GC) :
-MALOCCLUSION; BILATERAL UPPER INCISORS
-BONE MARROW SMEAR TAKEN
-DISCHARGE-OCULAR; BILATERAL: DARK RED AND DRY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SEVERE
-NECROSIS,-MODERATE

LN, MANDIBULAR (MN) :
>TISSUE MISSING
>NOTE:>MANDIBULAR LYMPH NODE MISSING IN RETRIM.

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94522 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 243.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:17 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000843

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94523 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: UNSCHEDULED (D)
DATE OF DEATH: 07/06/98 STUDY DAY OF DEATH: 25 STUDY WEEK OF DEATH: 4 TERMINAL BODY WEIGHT: NOT ENTERED
DATE AND TIME OF NECROPSY: 07/06/98 12:17 PROSECTOR: TODD ACKER RECORDER: TODD ACKER
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: NOT AVAILABLE

*** ORGAN WEIGHTS WERE NOT RECORDED ***

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SEVERE
-NECROSIS,-MODERATELY SEVERE

GENERAL COMMENT (GC) :
-MALOCCLUSION; BILATERAL, UPPER INCISORS
-DISCHARGE-NASAL; DARK RED AND DRY MATERIAL

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

0008771

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94524 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 211.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:57 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0573	.0271 %	.0290	WEIGHT TAKEN
BRAIN (BR)	1.9767	.9333 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.6364	.3005 %	.3220	WEIGHT TAKEN
KIDNEY (KD)	2.4286	1.1466 %	1.2286	WEIGHT TAKEN
LIVER (LI)	18.0054	8.5011 %	9.1088	WEIGHT TAKEN
SPLEEN (SP)	.6151	.2904 %	.3112	WEIGHT TAKEN
TESTIS (TE)	2.4897	1.1755 %	1.2595	WEIGHT TAKEN
THYMUS (TH)	.3243	.1531 %	.1641	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0191	.0090 %	.0097	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

SEMINAL VESICLES (SV) :
-SMALL; BILATERAL: EACH IS 7 X 4 X 1 MM
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SEVERE
-NECROSIS,-MODERATE
SEMINAL VESICLES (SV) :
-SECRETION, DECREASED,-MODERATE

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94524 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 211.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:57 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

008046

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94525 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 228.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:54 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0507	.0222 %	.0236	WEIGHT TAKEN
BRAIN (BR)	2.1492	.9426 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.7775	.3410 %	.3618	WEIGHT TAKEN
KIDNEY (KD)	2.5308	1.1100 %	1.1776	WEIGHT TAKEN
LIVER (LI)	19.5937	8.5937 %	9.1167	WEIGHT TAKEN
SPLEEN (SP)	.6822	.2992 %	.3174	WEIGHT TAKEN
TESTIS (TE)	3.1146	1.3661 %	1.4492	WEIGHT TAKEN
THYMUS (TH)	.4146	.1818 %	.1929	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0303	.0133 %	.0141	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

ADRENAL, CORTEX (AC) :
-DIFFUSELY RED; BILATERAL
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE
ADRENAL, CORTEX (AC) :
>UNREMARKABLE

000847

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94525 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 228.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:54 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, MEDULLA (MA), TESTIS (TE)

000843

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94526 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 229.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:24 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0596	.0260 %	.0290	WEIGHT TAKEN
BRAIN (BR)	2.0535	.8963 %	1.0000	WEIGHT TAKEN
EPIDIDYMIDES (EP)	.7748	.3382 %	.3773	WEIGHT TAKEN
KIDNEY (KD)	2.7529	1.2016 %	1.3406	WEIGHT TAKEN
LIVER (LI)	20.7386	9.0522 %	10.0991	WEIGHT TAKEN
SPLEEN (SP)	.4943	.2158 %	.2407	WEIGHT TAKEN
TESTIS (TE)	3.0650	1.3378 %	1.4926	WEIGHT TAKEN
THYMUS (TH)	.5015	.2189 %	.2442	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0172	.0075 %	.0084	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

STOMACH, GL (ST) :
-DARK FOCUS(I)/AREA(S); MUCOSA: TWO DARK BROWN AREAS, EACH IS 2 X 1 MM
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE
STOMACH, GL (ST) :
-EROSION,-SLIGHT

0008439

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94526 SEX: MALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 229.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:24 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), URINARY BLADDER (UB), PROSTATE (PR), SEMINAL VESICLES (SV), EPIDIDYMIDES (EP)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), TESTIS (TE)

000850

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94527 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 213.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:48 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0715	.0336 %	.0357	WEIGHT TAKEN
BRAIN (BR)	2.0013	.9396 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0130	.9451 %	1.0058	WEIGHT TAKEN
LIVER (LI)	7.4326	3.4895 %	3.7139	WEIGHT TAKEN
OVARY (OV)	.1162	.0546 %	.0581	WEIGHT TAKEN
SPLEEN (SP)	.5561	.2611 %	.2779	WEIGHT TAKEN
THYMUS (TH)	.4566	.2144 %	.2282	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0155	.0073 %	.0077	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

UTERUS (UT) :
-LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
UTERUS (UT) :
-DILATATION,-SLIGHT

0008851

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94527 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 213.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:48 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), BRAIN (BR), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000852

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94528 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 210.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:53 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0706	.0336 %	.0368	WEIGHT TAKEN
BRAIN (BR)	1.9160	.9124 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9295	.9188 %	1.0070	WEIGHT TAKEN
LIVER (LI)	7.8862	3.7553 %	4.1160	WEIGHT TAKEN
OVARY (OV)	.0945	.0450 %	.0493	WEIGHT TAKEN
SPLEEN (SP)	.3804	.1811 %	.1985	WEIGHT TAKEN
THYMUS (TH)	.6013	.2863 %	.3138	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0141	.0067 %	.0074	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

0008533

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94528 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 210.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:53 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000854

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94529 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 228.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:27 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.1022	.0447 %	.0532	WEIGHT TAKEN
BRAIN (BR)	1.9228	.8404 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.6260	1.1477 %	1.3657	WEIGHT TAKEN
LIVER (LI)	8.7876	3.8407 %	4.5702	WEIGHT TAKEN
OVARY (OV)	.1418	.0620 %	.0737	WEIGHT TAKEN
SPLEEN (SP)	.6896	.3014 %	.3586	WEIGHT TAKEN
THYMUS (TH)	.6188	.2705 %	.3218	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0177	.0077 %	.0092	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000855

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94529 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 228.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:27 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000856

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94530 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 235.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:13 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0605	.0257 %	.0298	WEIGHT TAKEN
BRAIN (BR)	2.0288	.8626 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1802	.9270 %	1.0746	WEIGHT TAKEN
LIVER (LI)	8.2680	3.5153 %	4.0753	WEIGHT TAKEN
OVARY (OV)	.1644	.0699 %	.0810	WEIGHT TAKEN
SPLEEN (SP)	.5085	.2162 %	.2506	WEIGHT TAKEN
THYMUS (TH)	.5445	.2315 %	.2684	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0133	.0057 %	.0066	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000857

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94530 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 235.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:13 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000858

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94531 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 207.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:43 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0655	.0315 %	.0335	WEIGHT TAKEN
BRAIN (BR)	1.9550	.9408 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0538	.9884 %	1.0505	WEIGHT TAKEN
LIVER (LI)	7.5010	3.6097 %	3.8368	WEIGHT TAKEN
OVARY (OV)	.1314	.0632 %	.0672	WEIGHT TAKEN
SPLEEN (SP)	.4679	.2252 %	.2393	WEIGHT TAKEN
THYMUS (TH)	.5398	.2598 %	.2761	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0173	.0083 %	.0088	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN
GENERAL INFORMATION (XX) :
>NOTE:>ANIMAL IDENTIFICATION TRANSPONDER DAMAGED AT NECROPSY

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94531 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 207.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:43 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

C98000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94532 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 184.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:04 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0682	.0369 %	.0358	WEIGHT TAKEN
BRAIN (BR)	1.9062	1.0321 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.7582	.9519 %	.9224	WEIGHT TAKEN
LIVER (LI)	6.6326	3.5910 %	3.4795	WEIGHT TAKEN
OVARY (OV)	.1150	.0623 %	.0603	WEIGHT TAKEN
SPLEEN (SP)	.4453	.2411 %	.2336	WEIGHT TAKEN
THYMUS (TH)	.5121	.2773 %	.2686	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0175	.0095 %	.0092	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-CYST,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94532 SEX: FEMALE DOSE GROUP: 1 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 184.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:04 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000952

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94533 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 200.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:52 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0639	.0319 %	.0313	WEIGHT TAKEN
BRAIN (BR)	2.0393	1.0181 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9056	.9514 %	.9344	WEIGHT TAKEN
LIVER (LI)	8.3329	4.1602 %	4.0862	WEIGHT TAKEN
OVARY (OV)	.1402	.0700 %	.0687	WEIGHT TAKEN
SPLEEN (SP)	.5051	.2522 %	.2477	WEIGHT TAKEN
THYMUS (TH)	.4569	.2281 %	.2240	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0197	.0098 %	.0097	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

C98000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94533 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 200.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:52 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000854

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94534 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 197.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:50 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0655	.0332 %	.0318	WEIGHT TAKEN
BRAIN (BR)	2.0617	1.0439 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9166	.9704 %	.9296	WEIGHT TAKEN
LIVER (LI)	7.1556	3.6231 %	3.4707	WEIGHT TAKEN
OVARY (OV)	.1380	.0699 %	.0669	WEIGHT TAKEN
SPLEEN (SP)	.4487	.2272 %	.2176	WEIGHT TAKEN
THYMUS (TH)	.3874	.1962 %	.1879	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0217	.0110 %	.0105	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-DEGENERATION, TUBULAR,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL
LN, MESENTERIC (MS) :
>TISSUE MISSING
>NOTE:>MESENTERIC LYMPH NODE MISSING IN RETRIM.

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94534 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 197.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:50 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000866

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94535 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 217.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:18 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0683	.0314 %	.0330	WEIGHT TAKEN
BRAIN (BR)	2.0698	.9525 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8145	.8350 %	.8767	WEIGHT TAKEN
LIVER (LI)	7.8013	3.5901 %	3.7691	WEIGHT TAKEN
OVARY (OV)	.1276	.0587 %	.0616	WEIGHT TAKEN
SPLEEN (SP)	.5174	.2381 %	.2500	WEIGHT TAKEN
THYMUS (TH)	.4819	.2218 %	.2328	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0196	.0090 %	.0095	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000857

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94535 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 217.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:18 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

8580000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94536 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 204.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:26 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0803	.0393 %	.0441	WEIGHT TAKEN
BRAIN (BR)	1.8203	.8906 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0013	.9791 %	1.0994	WEIGHT TAKEN
LIVER (LI)	6.8621	3.3572 %	3.7698	WEIGHT TAKEN
OVARY (OV)	.1446	.0707 %	.0794	WEIGHT TAKEN
SPLEEN (SP)	.6338	.3101 %	.3482	WEIGHT TAKEN
THYMUS (TH)	.5764	.2820 %	.3167	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0140	.0068 %	.0077	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL

000869

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94536 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 204.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:26 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

078000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94537 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 223.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:03 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0733	.0328 %	.0360	WEIGHT TAKEN
BRAIN (BR)	2.0384	.9124 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2858	1.0232 %	1.1214	WEIGHT TAKEN
LIVER (LI)	8.2008	3.6709 %	4.0232	WEIGHT TAKEN
OVARY (OV)	.1269	.0568 %	.0623	WEIGHT TAKEN
SPLEEN (SP)	.4833	.2163 %	.2371	WEIGHT TAKEN
THYMUS (TH)	.5223	.2338 %	.2562	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0192	.0086 %	.0094	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-PYELITIS,-SLIGHT
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000821

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94537 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 223.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:03 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94538 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 192.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:25 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0606	.0315 %	.0324	WEIGHT TAKEN
BRAIN (BR)	1.8703	.9711 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8873	.9799 %	1.0091	WEIGHT TAKEN
LIVER (LI)	6.9707	3.6193 %	3.7270	WEIGHT TAKEN
OVARY (OV)	.1094	.0568 %	.0585	WEIGHT TAKEN
SPLEEN (SP)	.4307	.2236 %	.2303	WEIGHT TAKEN
THYMUS (TH)	.7123	.3698 %	.3808	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0143	.0074 %	.0076	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

KIDNEY (KD) :
-LARGE PELVIS(ES); LEFT

GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-DILATATION, PELVIC,-MODERATE
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94538 SEX: FEMALE DOSE GROUP: 2 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 192.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:25 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000874

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94539 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 217.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:30 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.1090	.0500 %	.0542	WEIGHT TAKEN
BRAIN (BR)	2.0113	.9235 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.6878	1.2341 %	1.3363	WEIGHT TAKEN
LIVER (LI)	8.3813	3.8482 %	4.1671	WEIGHT TAKEN
OVARY (OV)	.1454	.0668 %	.0723	WEIGHT TAKEN
SPLEEN (SP)	.5526	.2537 %	.2747	WEIGHT TAKEN
THYMUS (TH)	.4936	.2266 %	.2454	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0066	.0030 %	.0033	EXCLUDE

O B S E R V A T I O N S

NECROPSY

THYROID (TY) :
>NOTE:>ONE THYROID/PARATHYROID LOST PRIOR TO WEIGHING
GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-PYELITIS,-SLIGHT
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL
THYROID (TY) :
>NOT REQUIRED TO BE EXAMINED FOR ANIMAL

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94539 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 217.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:30 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

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APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94540 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 174.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:35 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0624	.0358 %	.0322	WEIGHT TAKEN
BRAIN (BR)	1.9367	1.1118 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9136	1.0985 %	.9881	WEIGHT TAKEN
LIVER (LI)	6.6088	3.7938 %	3.4124	WEIGHT TAKEN
OVARY (OV)	.1402	.0805 %	.0724	WEIGHT TAKEN
SPLEEN (SP)	.3929	.2255 %	.2029	WEIGHT TAKEN
THYMUS (TH)	.3952	.2269 %	.2041	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0217	.0125 %	.0112	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

008277

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94540 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 174.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:35 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

8278000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94541 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 234.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:06 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0850	.0363 %	.0411	WEIGHT TAKEN
BRAIN (BR)	2.0657	.8820 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.5187	1.0754 %	1.2193	WEIGHT TAKEN
LIVER (LI)	8.8330	3.7716 %	4.2760	WEIGHT TAKEN
OVARY (OV)	.1394	.0595 %	.0675	WEIGHT TAKEN
SPLEEN (SP)	.6589	.2813 %	.3190	WEIGHT TAKEN
THYMUS (TH)	.6495	.2773 %	.3144	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0164	.0070 %	.0079	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-PYELITIS,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000873

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94541 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 234.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:06 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000880

APPENDIX 6

Individual Animal Pathology Data

ANIMAL NUMBER: C94542 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 242.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:53 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0880	.0363 %	.0439	WEIGHT TAKEN
BRAIN (BR)	2.0048	.8267 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.5368	1.0461 %	1.2654	WEIGHT TAKEN
LIVER (LI)	9.4944	3.9152 %	4.7358	WEIGHT TAKEN
OVARY (OV)	.1565	.0645 %	.0781	WEIGHT TAKEN
SPLEEN (SP)	.5490	.2264 %	.2738	WEIGHT TAKEN
THYMUS (TH)	.6078	.2506 %	.3032	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0250	.0103 %	.0125	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000851

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94542 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 242.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:53 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000882

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94543 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 167.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:33 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0487	.0290 %	.0261	WEIGHT TAKEN
BRAIN (BR)	1.8660	1.1114 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.7414	1.0372 %	.9332	WEIGHT TAKEN
LIVER (LI)	6.4505	3.8419 %	3.4569	WEIGHT TAKEN
OVARY (OV)	.0986	.0587 %	.0528	WEIGHT TAKEN
SPLEEN (SP)	.3354	.1998 %	.1797	WEIGHT TAKEN
THYMUS (TH)	.5563	.3313 %	.2981	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0192	.0114 %	.0103	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
	BRAIN (BR) : -VACUOLATION,-MINIMAL
UTERUS (UT) : -LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID	UTERUS (UT) : -DILATATION,-MODERATE
GENERAL COMMENT (GC) : -BONE MARROW SMEAR TAKEN	

000893

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94543 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 167.9 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:33 PROSECTOR: JILL PAUS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

0008534

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94544 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 185.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:29 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0563	.0304 %	.0276	WEIGHT TAKEN
BRAIN (BR)	2.0395	1.0995 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1156	1.1405 %	1.0373	WEIGHT TAKEN
LIVER (LI)	8.2267	4.4349 %	4.0337	WEIGHT TAKEN
OVARY (OV)	.1453	.0783 %	.0712	WEIGHT TAKEN
SPLEEN (SP)	.4673	.2519 %	.2291	WEIGHT TAKEN
THYMUS (TH)	.4899	.2641 %	.2402	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0140	.0075 %	.0069	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000885

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94544 SEX: FEMALE DOSE GROUP: 3 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 185.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:29 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000886

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94545 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 187.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:43 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0585	.0313 %	.0311	WEIGHT TAKEN
BRAIN (BR)	1.8832	1.0060 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.0151	1.0764 %	1.0700	WEIGHT TAKEN
LIVER (LI)	7.1725	3.8315 %	3.8087	WEIGHT TAKEN
OVARY (OV)	.1228	.0656 %	.0652	WEIGHT TAKEN
SPLEEN (SP)	.4640	.2479 %	.2464	WEIGHT TAKEN
THYMUS (TH)	.4712	.2517 %	.2502	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0131	.0070 %	.0070	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
	BRAIN (BR) : -VACUOLATION,-MINIMAL KIDNEY (KD) : -PYELITIS,-MODERATE

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

0008

APPENDIX 6

Individual Animal Pathology Data

ANIMAL NUMBER: C94545 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 187.2 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:43 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000883

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94546 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 219.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:48 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0634	.0289 %	.0309	WEIGHT TAKEN
BRAIN (BR)	2.0493	.9328 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1332	.9710 %	1.0409	WEIGHT TAKEN
LIVER (LI)	9.5768	4.3590 %	4.6732	WEIGHT TAKEN
OVARY (OV)	.1006	.0458 %	.0491	WEIGHT TAKEN
SPLEEN (SP)	.5830	.2654 %	.2845	WEIGHT TAKEN
THYMUS (TH)	.6427	.2925 %	.3136	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0293	.0133 %	.0143	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-VACUOLATION, HEPATOCELLULAR,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94546 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 219.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:48 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

008000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94547 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 237.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:19 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0794	.0335 %	.0369	WEIGHT TAKEN
BRAIN (BR)	2.1499	.9067 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2587	.9526 %	1.0506	WEIGHT TAKEN
LIVER (LI)	9.8392	4.1498 %	4.5766	WEIGHT TAKEN
OVARY (OV)	.1338	.0564 %	.0622	WEIGHT TAKEN
SPLEEN (SP)	.5588	.2357 %	.2599	WEIGHT TAKEN
THYMUS (TH)	.5987	.2525 %	.2785	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0129	.0054 %	.0060	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-DILATATION, PELVIC,-SLIGHT

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94547 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 237.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:19 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

263000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94548 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 186.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:29 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0536	.0287 %	.0255	WEIGHT TAKEN
BRAIN (BR)	2.0980	1.1231 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9018	1.0181 %	.9065	WEIGHT TAKEN
LIVER (LI)	6.8828	3.6846 %	3.2806	WEIGHT TAKEN
OVARY (OV)	.0940	.0503 %	.0448	WEIGHT TAKEN
SPLEEN (SP)	.4053	.2170 %	.1932	WEIGHT TAKEN
THYMUS (TH)	.6280	.3362 %	.2993	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0167	.0089 %	.0080	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

KIDNEY (KD) :
-INFLAMMATION, CHRONIC,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94548 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 186.8 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:29 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), BRAIN (BR), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

0008934

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94549 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 207.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:47 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0653	.0314 %	.0317	WEIGHT TAKEN
BRAIN (BR)	2.0569	.9903 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1431	1.0318 %	1.0419	WEIGHT TAKEN
LIVER (LI)	8.7554	4.2154 %	4.2566	WEIGHT TAKEN
OVARY (OV)	.1636	.0788 %	.0795	WEIGHT TAKEN
SPLEEN (SP)	.5145	.2477 %	.2501	WEIGHT TAKEN
THYMUS (TH)	.4439	.2137 %	.2158	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0221	.0106 %	.0107	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY	HISTOPATHOLOGY
	BRAIN (BR) : -VACUOLATION,-MINIMAL LIVER (LI) : -NECROSIS,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94549 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 207.7 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 11:47 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000896

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94550 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 187.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:46 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0630	.0337 %	.0331	WEIGHT TAKEN
BRAIN (BR)	1.9038	1.0181 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8946	1.0132 %	.9952	WEIGHT TAKEN
LIVER (LI)	7.7017	4.1186 %	4.0454	WEIGHT TAKEN
OVARY (OV)	.0960	.0513 %	.0504	WEIGHT TAKEN
SPLEEN (SP)	.4316	.2308 %	.2267	WEIGHT TAKEN
THYMUS (TH)	.5060	.2706 %	.2658	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0165	.0088 %	.0087	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-PYELITIS,-SLIGHT
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94550 SEX: FEMALE DOSE GROUP: 4 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 187.0 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:46 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

668000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94551 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 171.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:54 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0661	.0386 %	.0351	WEIGHT TAKEN
BRAIN (BR)	1.8855	1.1020 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9419	1.1350 %	1.0299	WEIGHT TAKEN
LIVER (LI)	8.7911	5.1380 %	4.6625	WEIGHT TAKEN
OVARY (OV)	.1289	.0753 %	.0684	WEIGHT TAKEN
SPLEEN (SP)	.4517	.2640 %	.2396	WEIGHT TAKEN
THYMUS (TH)	.3160	.1847 %	.1676	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0126	.0074 %	.0067	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

UTERUS (UT) :
-LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
-VACUOLATION, HEPATOCELLULAR,-MINIMAL
UTERUS (UT) :
-DILATATION,-SLIGHT

668000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94551 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 171.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:54 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000500

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94552 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 201.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:53 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0660	.0328 %	.0321	WEIGHT TAKEN
BRAIN (BR)	2.0531	1.0194 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.3079	1.1459 %	1.1241	WEIGHT TAKEN
LIVER (LI)	10.2382	5.0835 %	4.9867	WEIGHT TAKEN
OVARY (OV)	.1255	.0623 %	.0611	WEIGHT TAKEN
SPLEEN (SP)	.4772	.2369 %	.2324	WEIGHT TAKEN
THYMUS (TH)	.3988	.1980 %	.1942	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0244	.0121 %	.0119	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94552 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 201.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:53 PROSECTOR: MICHELE ZIMA RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

206000

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94553 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 206.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:58 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0679	.0329 %	.0335	WEIGHT TAKEN
BRAIN (BR)	2.0290	.9835 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.2091	1.0708 %	1.0888	WEIGHT TAKEN
LIVER (LI)	10.4906	5.0851 %	5.1703	WEIGHT TAKEN
OVARY (OV)	.1087	.0527 %	.0536	WEIGHT TAKEN
SPLEEN (SP)	.4567	.2214 %	.2251	WEIGHT TAKEN
THYMUS (TH)	.6089	.2952 %	.3001	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0237	.0115 %	.0117	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000903

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94553 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 206.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 12:58 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), BRAIN (BR), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

0009004

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94554 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 184.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:19 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0582	.0316 %	.0307	WEIGHT TAKEN
BRAIN (BR)	1.8946	1.0274 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9402	1.0522 %	1.0241	WEIGHT TAKEN
LIVER (LI)	8.6778	4.7060 %	4.5803	WEIGHT TAKEN
OVARY (OV)	.0972	.0527 %	.0513	WEIGHT TAKEN
SPLEEN (SP)	.3575	.1939 %	.1887	WEIGHT TAKEN
THYMUS (TH)	.3711	.2012 %	.1959	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0149	.0081 %	.0079	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

UTERUS (UT) :
-LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT
UTERUS (UT) :
-DILATATION,-SLIGHT

000905

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94554 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 184.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:19 PROSECTOR: WENDY CHERRY RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000905

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94555 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 192.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:54 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0605	.0314 %	.0292	WEIGHT TAKEN
BRAIN (BR)	2.0725	1.0766 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.1591	1.1216 %	1.0418	WEIGHT TAKEN
LIVER (LI)	10.0252	5.2079 %	4.8372	WEIGHT TAKEN
OVARY (OV)	.1028	.0534 %	.0496	WEIGHT TAKEN
SPLEEN (SP)	.4944	.2568 %	.2386	WEIGHT TAKEN
THYMUS (TH)	.8204	.4262 %	.3959	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0177	.0092 %	.0085	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

UTERUS (UT) :
-LUMEN FILLED WITH FLUID; BILATERAL: CLEAR FLUID
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE
-VACUOLATION, HEPATOCELLULAR,-MINIMAL
UTERUS (UT) :
-DILATATION,-MINIMAL

006907

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94555 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 192.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:54 PROSECTOR: JAMES T. CALLEN RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000908

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94556 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 206.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:56 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	ORGAN STATUS
ADRENAL (AD)	.0777	.0377 %	.0372	WEIGHT TAKEN
BRAIN (BR)	2.0897	1.0139 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	2.6036	1.2633 %	1.2459	WEIGHT TAKEN
LIVER (LI)	9.4436	4.5820 %	4.5191	WEIGHT TAKEN
OVARY (OV)	.1349	.0655 %	.0646	WEIGHT TAKEN
SPLEEN (SP)	.6082	.2951 %	.2910	WEIGHT TAKEN
THYMUS (TH)	.5221	.2533 %	.2498	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0150	.0073 %	.0072	WEIGHT TAKEN

OBSERVATIONS

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-PYELITIS,-SLIGHT
LIVER (LI) :
-INFLAMMATION, SUBACUTE,-MINIMAL
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-SLIGHT

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000909

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94556 SEX: FEMALE DOSE GROUP: 5 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 206.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:56 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000910

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94557 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 151.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:00 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0381	.0251 %	.0196	WEIGHT TAKEN
BRAIN (BR)	1.9430	1.2825 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.6979	1.1207 %	.8739	WEIGHT TAKEN
LIVER (LI)	12.4887	8.2434 %	6.4275	WEIGHT TAKEN
OVARY (OV)	.0758	.0500 %	.0390	WEIGHT TAKEN
SPLEEN (SP)	.3143	.2075 %	.1618	WEIGHT TAKEN
THYMUS (TH)	.3376	.2228 %	.1738	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0152	.0100 %	.0078	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

EYE (EY) :
-INFILTRATE, LYMPHOCYTIC,-MINIMAL
BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE
LN, MESENTERIC (MS) :
>TISSUE MISSING
>NOTE:>MESENTERIC LYMPH NODE MISSING IN RETRIM.

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94557 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 151.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:00 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000912

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94558 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 154.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:37 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0453	.0293 %	.0215	WEIGHT TAKEN
BRAIN (BR)	2.1101	1.3666 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.7106	1.1079 %	.8107	WEIGHT TAKEN
LIVER (LI)	12.6860	8.2163 %	6.0120	WEIGHT TAKEN
OVARY (OV)	.0777	.0503 %	.0368	WEIGHT TAKEN
SPLEEN (SP)	.4358	.2823 %	.2065	WEIGHT TAKEN
THYMUS (TH)	.4256	.2756 %	.2017	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0122	.0079 %	.0058	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATE

000913

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94558 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 154.4 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 8:37 PROSECTOR: NANCY DIEDRICH RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: MATTHEW AXTMAN

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000914

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94559 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 134.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:17 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0351	.0261 %	.0195	WEIGHT TAKEN
BRAIN (BR)	1.7981	1.3369 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.4107	1.0488 %	.7846	WEIGHT TAKEN
LIVER (LI)	9.8766	7.3432 %	5.4928	WEIGHT TAKEN
OVARY (OV)	.0511	.0380 %	.0284	WEIGHT TAKEN
SPLEEN (SP)	.4295	.3193 %	.2389	WEIGHT TAKEN
THYMUS (TH)	.4142	.3080 %	.2304	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0118	.0088 %	.0066	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94559 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 134.5 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:17 PROSECTOR: DONIA MEYER RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000916

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94560 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 172.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:39 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: STEVE VAN ADESTINE

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0389	.0225 %	.0186	WEIGHT TAKEN
BRAIN (BR)	2.0925	1.2123 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.6771	.9717 %	.8015	WEIGHT TAKEN
LIVER (LI)	14.9295	8.6498 %	7.1348	WEIGHT TAKEN
OVARY (OV)	.0671	.0389 %	.0321	WEIGHT TAKEN
SPLEEN (SP)	.5289	.3064 %	.2528	WEIGHT TAKEN
THYMUS (TH)	.6468	.3747 %	.3091	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0095	.0055 %	.0045	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

000917

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94560 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 172.6 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 9:39 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: STEVE VAN ADESTINE

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000913

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94561 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 161.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:36 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0618	.0383 %	.0314	WEIGHT TAKEN
BRAIN (BR)	1.9670	1.2195 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.9650	1.2182 %	.9990	WEIGHT TAKEN
LIVER (LI)	13.3315	8.2650 %	6.7776	WEIGHT TAKEN
OVARY (OV)	.0797	.0494 %	.0405	WEIGHT TAKEN
SPLEEN (SP)	.4122	.2555 %	.2096	WEIGHT TAKEN
THYMUS (TH)	.4100	.2542 %	.2084	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0182	.0113 %	.0093	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

SKIN (SK) :
-ALOPECIA-FOCAL; RIGHT AND LEFT HIP REGIONS: SINGLE AREA ON EACH; LEFT IS 45 X 29 MM, RIGHT IS 42 X 30 MM (CAPS 21 AND 22)
GENERAL COMMENT (GC) :
-BONE MARROW SMEAR TAKEN
-ANIMAL THIN

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE
SKIN (SK) :
-INVOLUTION, FOLLICULAR,-SLIGHT

000919

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94561 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 161.3 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 13:36 PROSECTOR: TERRI L. WILLIAMS RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), KIDNEY (KD), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

000920

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94562 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 165.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:52 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

ORGAN NAME	ABSOLUTE ORGAN WEIGHT (GRAMS)	ORGAN WEIGHT RELATIVE TO BODY WEIGHT (%)	ORGAN TO BRAIN WEIGHT RATIO	O R G A N S T A T U S
ADRENAL (AD)	.0589	.0357 %	.0289	WEIGHT TAKEN
BRAIN (BR)	2.0415	1.2365 %	1.0000	WEIGHT TAKEN
KIDNEY (KD)	1.8903	1.1449 %	.9259	WEIGHT TAKEN
LIVER (LI)	10.9656	6.6418 %	5.3713	WEIGHT TAKEN
OVARY (OV)	.1065	.0645 %	.0522	WEIGHT TAKEN
SPLEEN (SP)	.4382	.2654 %	.2146	WEIGHT TAKEN
THYMUS (TH)	.5178	.3136 %	.2536	WEIGHT TAKEN
THYROID/PARATHYR (TT)	.0154	.0093 %	.0075	WEIGHT TAKEN

O B S E R V A T I O N S

NECROPSY

HISTOPATHOLOGY

BRAIN (BR) :
-VACUOLATION,-MINIMAL
KIDNEY (KD) :
-PYELITIS,-MINIMAL
LIVER (LI) :
-HYPERTROPHY, HEPATOCELLULAR, CENTRILOBULAR,-MODERATELY SEVERE

GENERAL COMMENT (GC) :
-NO MACROSCOPIC LESIONS
-BONE MARROW SMEAR TAKEN

0009221

APPENDIX 6

Individual Animal Pathology Data

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MEFOSE, T-6314) IN RATS

ANIMAL NUMBER: C94562 SEX: FEMALE DOSE GROUP: 6 SACRIFICE STATUS: SCHEDULED, TERMINAL SACRIFICE
DATE OF DEATH: 07/13/98 STUDY DAY OF DEATH: 32 STUDY WEEK OF DEATH: 5 TERMINAL BODY WEIGHT: 165.1 GRAMS
DATE AND TIME OF NECROPSY: 07/13/98 10:52 PROSECTOR: JOHN S. HALFORD RECORDER: JODI THIEREN
POST-FIX WEIGHER: NOT AVAILABLE PATHOLOGIST: HAMP, BRUNER WEIGHER: LYNN HORNER

THE FOLLOWING ORGANS WERE UNREMARKABLE AT NECROPSY:
EYE (EY), BRAIN (BR), KIDNEY (KD), LIVER (LI), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV), BONE, FEMUR (FE), MARROW, FEMUR (FM), MARROW, STERNUM (SE), BONE, STERNUM (SB), LUNG (LU), TRACHEA (TR), ESOPHAGUS (ES), HEART (HT), MUSCLE, SKELETAL (SM), NERVE, SCIATIC (SN), STOMACH, GL (ST), STOMACH, NONGL (SU), DUODENUM (DU), JEJUNUM (JE), ILEUM (IL), LN, POPLITEAL (PP), CECUM (CE), COLON (CO), RECTUM (RE), THYROID (TY), PARATHYROID (PT), AORTA (AO), PITUITARY (PI), THYMUS (TH), SPINAL CORD (SC), HARDERIAN GLAND (HG), AUDITORY SEB GL (AS), SALIV GL, MANDIB (SG), LN, MANDIBULAR (MN), SKIN (SK), MAMMARY, FEMALE (MF), URINARY BLADDER (UB), CERVIX (CV), UTERUS (UT), VAGINA (VA)

THE FOLLOWING TISSUES WERE UNREMARKABLE AT MICROSCOPIC EXAMINATION:
EYE (EY), SPLEEN (SP), PANCREAS (PA), LN, MESENTERIC (MS), ADRENAL, CORTEX (AC), ADRENAL, MEDULLA (MA), OVARY (OV)

0009222

APPENDIX 7

Cell Proliferation Report

Note: This appendix of the report contains information supplied by Pathology Associates International and has been reviewed by the Quality Assurance Unit of Pathology Associates International.

000923

Cell Proliferation Report

Pathology Associates International
A Company of Science Applications International Corporation
An Employee-Owned Company

FINAL
CELL PROLIFERATION REPORT

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T-6314) IN RATS COVANCE STUDY NUMBER 6329-224

PREPARED FOR:

3M
TOXICOLOGY SERVICES
BUILDING 220-2E-02, 3M CENTER
ST. PAUL, MN 55144-1000

PREPARED BY:

PATHOLOGY ASSOCIATES INTERNATIONAL
15 WORMAN'S MILL COURT, SUITE I
FREDERICK, MD 21701

MAY 12, 2000

15 Worman's Mill Court, Suite I * Frederick, Maryland 21701 * (301) 663-1644 * (301) 663-8994 FAX

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CELL PROLIFERATION REPORT

4-WEEK RANGE-FINDING DIETARY TOXICITY STUDY WITH N-METHYL PERFLUOROOCTANESULFONAMIDO ETHANOL (N-MeFOSE, T-6314) IN RATS COVANCE STUDY NUMBER 6329-224

PURPOSE

The purpose of the study was to assess the toxicity of the test material when administered in the diet to rats for at least 4 weeks.

This report, submitted by Pathology Associates International (PAI) to the study Sponsor, 3M, represents the cell proliferation findings and interpretation for Covance Study Number 6329-224 entitled "4-Week Range Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) In Rats". All aspects of the tasks associated with PAI's portion of this study were conducted in compliance with the Food and Drug Administration Good Laboratory Practice (GLP) Regulations as set forth in Title 21 of the US Code of Federal Regulations, Part 58, issued December 22, 1978 (effective June 20, 1979), and with any applicable amendments.

MATERIALS AND METHODS

Tissue Collection for Cell Proliferation

Six animals per sex per group in groups 1 through 6 were sacrificed during week 4 for hepatocellular proliferation. A section of the left lateral lobe of the liver from each of 6 rats per sex per group (groups 1-6) was fixed and processed to paraffin block by Covance per protocol specifications. Tissue blocks were shipped to PAI for sectioning and staining. From each block, a slide was prepared for H&E evaluation and immunohistochemical detection of proliferating cell nuclear antigen (PCNA), a marker of cell proliferation.

Immunohistochemistry for Cell Proliferation

Sections of paraffin-embedded tissues were cut at 5 µm and placed on positively charged slides (Superfrost Plus, Fisher Scientific, Pittsburgh, PA) to ensure adhesion during processing for PCNA. Standard immunohistochemical methods were used to stain tissues for PCNA (PAI's SOP for immunohistochemistry). Briefly, tissue sections were incubated with a monoclonal antibody to PCNA (DAKO, lot #016, PAI No. A1723) and reagents required for the avidin-biotin peroxidase (ABC Elite Kit, lot #PK-6100, PAI No. K 324) method for the detection of the antigen-antibody complex. PCNA expression in cells in all phases of the cell cycle (G_1, S, G_2 and M) was localized by the chromagen 3,3'-diaminobenzidine (DAB; Sigma Chemical Co., lot #18H8201). Tissue sections were counterstained with hematoxylin. A negative control slide was included in the staining run and consisted of study tissue that was not incubated with the primary antibody.

Cell Proliferation Measurements

For cell proliferation evaluations, slides were first perused at low magnification (100X) to judge quality of staining, processing and sectioning, pattern of cell labeling (e.g., centrilobular or panlobular, extrahepatocellular proliferation, such as Kupffer cells, bile duct epithelium, endothelium), and histomorphologic changes. Cell proliferation was then quantified at higher magnification (200X). The percentage of hepatocytes in S phase of the cell cycle (labeling index, LI) was determined by scoring at least 3000 hepatocytes in 10 randomly selected fields per animal. Histomorphology was further assessed by evaluating the serial H&E slide for each animal evaluated for cell proliferation.

Statistical Analysis

The Student's *t*-test (two-sided, unequal variance) was used to test for statistical significance in PI between control and treatment groups using Microsoft Excel version 5.0. A P value of 0.05 was judged to be statistically significant.

RESULTS

Cell Proliferation

Individual animal and group mean cell proliferation data are presented in Section II (Tables 1 and 2). The percentage of proliferating hepatocytes as determined by the labeling index (LI) did not differ significantly between control and treated groups of male or female rats.

In group 6 males, there was no PCNA slide present for animal C94523; therefore, five out of six animals were reported for this group.

Histopathology

Sections from the same tissue blocks used for preparation of PCNA-stained slides were stained with hematoxylin and eosin (H&E) for histopathologic evaluation to facilitate the interpretation of the immunostained slides. Individual animal findings and group summaries are presented in Appendix I.

The results showed no changes in the liver tissue of male and female rats that would alter the interpretation of the PCNA staining in this study. The livers from one mid-high dose and two high dose male rats, and two high dose female rats each contained focal necrosis without a concomitant inflammatory response. This necrosis was not accompanied by a secondary regenerative effect as determined by an increased PCNA LI.

SUMMARY

In the present study, cell proliferation was measured within the liver of male and female rats from control (0 ppm), low dose (1 ppm), low-mid dose (10 ppm), mid dose (30 ppm), mid-high dose (100 ppm), and high dose (500 ppm) groups after 4 weeks on study. No statistically significant increases in cell proliferation, as determined by the PCNA labeling index (LI) were observed in male or female rats after 4 weeks of N-methyl perfluorooctanesulfonamido ethanol.

II. TABLES

Legend

SEM = Standard Error of the Mean

Covance Study No. 6239-224

Table II-1. Cell Proliferation in Liver of Male Rats After 4 Weeks of N-MeFOSE

Group	Sex	Animal Number	PCNA Labeling Index
1 - 0 ppm (Control)	M	C94491	0.188%
	M	C94492	0.136%
	M	C94493	NP
	M	C94494	0.186%
	M	C94495	0.407%
	M	C94496	0.156%
		Mean	0.260%
		SEM	0.048%
2 - 1 ppm (Low)	M	C94497	0.427%
	M	C94498	0.082%
	M	C94499	0.726%
	M	C94500	0.170%
	M	C94501	0.057%
	M	C94502	0.516%
		Mean	0.330%
		SEM	0.110%
3 - 10 ppm (Low-Mid)	M	C94503	0.377%
	M	C94504	0.326%
	M	C94505	0.679%
	M	C94506	0.168%
	M	C94507	0.084%
	M	C94508	0.167%
		Mean	0.300%
		SEM	0.088%
4 - 30 ppm (Mid)	M	C94509	0.027%
	M	C94510	0.054%
	M	C94511	0.225%
	M	C94512	0.329%
	M	C94513	0.378%
	M	C94514	0.281%
		Mean	0.216%
		SEM	0.069%
5 - 100 ppm (Mid-High)	M	C94515	0.380%
	M	C94516	0.337%
	M	C94517	0.253%
	M	C94518	0.295%
	M	C94519	0.384%
	M	C94520	0.055%
		Mean	0.284%
		SEM	0.050%
6 - 500 ppm (High)	M	C94521	0.196%
	M	C94522	0.054%
	M	C94523	NP
	M	C94524	0.112%
	M	C94525	0.085%
	M	C94526	0.191%
		Mean	0.127%
		SEM	0.028%
NP; tissue not present on slide for #C94493			
NP; slide not present for #C94523			

Covance Study No. 6239-224

Table II-2. Cell Proliferation in Liver of Female Rats After 4 Weeks of N-MeFOSE

Group	Sex	Animal Number	PCNA Labeling Index
1 - 0 ppm (Control)	F	C94527	ND
	F	C94528	0.082%
	F	C94529	0.138%
	F	C94530	0.565%
	F	C94531	0.084%
	F	C94532	0.138%
		Mean	0.201%
		SEM	0.092%
2 - 1 ppm (Low)	F	C94533	0.135%
	F	C94534	0.138%
	F	C94535	0.111%
	F	C94536	0.401%
	F	C94537	0.347%
	F	C94538	0.272%
		Mean	0.234%
		SEM	0.051%
3 - 10 ppm (Low-Mid)	F	C94539	0.160%
	F	C94540	0.054%
	F	C94541	0.080%
	F	C94542	0.110%
	F	C94543	0.168%
	F	C94544	0.168%
		Mean	0.123%
		SEM	0.020%
4 - 30 ppm (Mid)	F	C94545	0.137%
	F	C94546	0.110%
	F	C94547	0.192%
	F	C94548	0.112%
	F	C94549	0.161%
	F	C94550	0.080%
		Mean	0.132%
		SEM	0.016%
5 - 100 ppm (Mid-High)	F	C94551	0.356%
	F	C94552	0.080%
	F	C94553	0.082%
	F	C94554	0.081%
	F	C94555	0.083%
	F	C94556	0.055%
		Mean	0.123%
		SEM	0.047%
6 - 500 ppm (High)	F	C94557	0.193%
	F	C94558	0.027%
	F	C94559	0.081%
	F	C94560	0.193%
	F	C94561	0.161%
	F	C94562	0.142%
		Mean	0.133%
		SEM	0.027%
ND; not determined due to insufficient tissue on slide			

III. SIGNATURE PAGE

Submitted by:

Project Manager:

Sandra R. Eldridge, Ph.D. — Date: 5-15-00

Project Pathologist:

Carolyn Moyer, D.V.M., Diplomate, A.C.V.P. — Date: 5/15/00

IV. QUALITY ASSURANCE STATEMENT

Pathology Associates International
A Company of Science Applications International Corporation

Cell Proliferation Report

4-Week Range-Finding Dietary Toxicity Study with N-Methyl Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats

Covance Study Number: 6329-224

QUALITY ASSURANCE STATEMENT

This cell proliferation project has been inspected and audited by the PAI Quality Assurance Unit (QAU) as required by the Good Laboratory Practice (GLP) regulations promulgated by the U.S. Food and Drug Administration (FDA). The cell proliferation report is an accurate reflection of the recorded data. The following table is a record of the inspections/audits performed and reported by the QAU.

Date of Inspection	Phase Inspected	Date Findings Reported to PAI Management/Project Manager
08/12/98	Microtomy	08/13/98
03/31;04/04/00	Study Data and Supporting Documentation	04/04/00
03/31;04/04/00	Draft Cell Proliferation Report	04/04/00
05/12/00	Final Cell Proliferation Report	05/12/00

Karen E. Butler
Quality Assurance Officer

5/12/00
Date

15 Worman's Mill Court, Suite I • Frederick, Maryland 21701 • (301) 663-1644 • (301) 663-8994 FAX

APPENDIX I

Final Draft Cell Proliferation Report
Covance Study No. 6329-224

**Individual Animal Histomorphologic Findings in Liver:
4-Week Range-Finding Dietary Toxicity Study with N-Methyl
Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats**

Animal Number	Sex	Dose Group	Histologic Findings
C94491	M	1-0 ppm (Control)	No Significant Findings
C94492	M	1-0 ppm (Control)	No Significant Findings
C94493	M	1-0 ppm (Control)	No Significant Findings
C94494	M	1-0 ppm (Control)	No Significant Findings
C94495	M	1-0 ppm (Control)	No Significant Findings
C94496	M	1-0 ppm (Control)	No Significant Findings
C94497	M	2-1 ppm (Low)	No Significant Findings
C94498	M	2-1 ppm (Low)	No Significant Findings
C94499	M	2-1 ppm (Low)	No Significant Findings
C94500	M	2-1 ppm (Low)	No Significant Findings
C94501	M	2-1 ppm (Low)	No Significant Findings
C94502	M	2-1 ppm (Low)	No Significant Findings
C94503	M	3-10 ppm (Low-mid)	No Significant Findings
C94504	M	3-10 ppm (Low-mid)	No Significant Findings
C94505	M	3-10 ppm (Low-mid)	No Significant Findings
C94506	M	3-10 ppm (Low-mid)	No Significant Findings
C94507	M	3-10 ppm (Low-mid)	No Significant Findings
C94508	M	3-10 ppm (Low-mid)	No Significant Findings
C94509	M	4-30 ppm (Mid)	No Significant Findings
C94510	M	4-30 ppm (Mid)	No Significant Findings
C94511	M	4-30 ppm (Mid)	No Significant Findings
C94512	M	4-30 ppm (Mid)	No Significant Findings
C94513	M	4-30 ppm (Mid)	No Significant Findings
C94514	M	4-30 ppm (Mid)	No Significant Findings
C94515	M	5-100 ppm (Mid-high)	No Significant Findings
C94516	M	5-100 ppm (Mid-high)	No Significant Findings
C94517	M	5-100 ppm (Mid-high)	No Significant Findings
C94518	M	5-100 ppm (Mid-high)	Focal Necrosis
C94519	M	5-100 ppm (Mid-high)	No Significant Findings
C94520	M	5-100 ppm (Mid-high)	No Significant Findings
C94521	M	6-500 ppm (High)	No Significant Findings
C94522	M	6-500 ppm (High)	No Significant Findings
C94523	M	6-500 ppm (High)	Focal Necrosis
C94524	M	6-500 ppm (High)	Focal Necrosis
C94525	M	6-500 ppm (High)	No Significant Findings
C94526	M	6-500 ppm (High)	No Significant Findings

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**Individual Animal Histomorphologic Findings in Liver:
4-Week Range-Finding Dietary Toxicity Study with N-Methyl
Perfluorooctanesulfonamido Ethanol (N-MeFOSE, T-6314) in Rats**

Animal Number	Sex	Dose Group	Histologic Findings
C94527	F	1-0 ppm (Control)	No Significant Findings
C94528	F	1-0 ppm (Control)	No Significant Findings
C94529	F	1-0 ppm (Control)	No Significant Findings
C94530	F	1-0 ppm (Control)	No Significant Findings
C94531	F	1-0 ppm (Control)	No Significant Findings
C94532	F	1-0 ppm (Control)	No Significant Findings
C94533	F	2-1 ppm (Low)	No Significant Findings
C94534	F	2-1 ppm (Low)	No Significant Findings
C94535	F	2-1 ppm (Low)	No Significant Findings
C94536	F	2-1 ppm (Low)	No Significant Findings
C94537	F	2-1 ppm (Low)	No Significant Findings
C94538	F	2-1 ppm (Low)	No Significant Findings
C94539	F	3-10 ppm (Low-mid)	No Significant Findings
C94540	F	3-10 ppm (Low-mid)	No Significant Findings
C94541	F	3-10 ppm (Low-mid)	No Significant Findings
C94542	F	3-10 ppm (Low-mid)	No Significant Findings
C94543	F	3-10 ppm (Low-mid)	No Significant Findings
C94544	F	3-10 ppm (Low-mid)	No Significant Findings
C94545	F	4-30 ppm (Mid)	No Significant Findings
C94546	F	4-30 ppm (Mid)	No Significant Findings
C94547	F	4-30 ppm (Mid)	No Significant Findings
C94548	F	4-30 ppm (Mid)	No Significant Findings
C94549	F	4-30 ppm (Mid)	No Significant Findings
C94550	F	4-30 ppm (Mid)	No Significant Findings
C94551	F	5-100 ppm (Mid-high)	No Significant Findings
C94552	F	5-100 ppm (Mid-high)	No Significant Findings
C94553	F	5-100 ppm (Mid-high)	No Significant Findings
C94554	F	5-100 ppm (Mid-high)	No Significant Findings
C94555	F	5-100 ppm (Mid-high)	No Significant Findings
C94556	F	5-100 ppm (Mid-high)	No Significant Findings
C94557	F	6-500 ppm (High)	No Significant Findings
C94558	F	6-500 ppm (High)	No Significant Findings
C94559	F	6-500 ppm (High)	Focal Necrosis
C94560	F	6-500 ppm (High)	Focal Necrosis
C94561	F	6-500 ppm (High)	No Significant Findings
C94562	F	6-500 ppm (High)	No Significant Findings