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SILICONES ENVIRONMENTAL, HEALTH AND SAFETY COUNCIL NORTH AMERICA

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December 19, 2005

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TSCA Document Control Center (7407)
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
Attn: TSCA Section 8(e) Coordinator
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20004

Re: Final Report of Study, Subject of June 17, 2005, SEHSC Letter on TSCA Section 8(e) Notification of Substantial Risk: 3-(Triethoxysilyl)-propanenitrile (8eHQ# 0605-16065A)

Dear TSCA Section 8(e) Coordinator:

On June 17, 2005, the Silicones Environmental, Health and Safety Council (SEHSC) submitted to US EPA, on behalf of its member companies, information concerning a then ongoing study with 3-(Triethoxysilyl)-propanenitrile (CAS No. 919-31-3), in accordance with the provisions of Section 8(e) of the Toxic Substances and Control Act (TSCA). This study was conducted as part of SEHSC's commitment to the ICCA Global Initiative on HPV Chemicals.

SEHSC is a not-for-profit trade association whose mission is to promote the safe use of silicones through product stewardship and environmental, health and safety research. The Council is comprised of North American silicone chemical producers and importers. SEHSC's members represent over 95 percent of silicone chemical manufacturing capacity in North America and include: Clariant LSM (Florida), Inc.; Degussa Corporation, Dow Corning Corporation; GE Advanced Materials-Silicones; Rhodia Inc.; Shin-Etsu Silicones of America; and Wacker Silicones, A Division of Wacker Chemical Corporation.

In the June 17, 2005, TSCA Section 8(e) Notification of Substantial Risk for 3-(Triethoxysilyl)-propanenitrile, SEHSC agreed to provide the US EPA with a copy of the final report for the study, A Combined 28-Day Repeated Oral (Gavage) Toxicity Study with the Reproduction/Developmental Toxicity Screening Test for 3-(Triethoxysilyl)-propanenitrile in Rats, RCC Ltd, RCC Study No. 851639. The final report for the aforementioned study is enclosed for the Agency's reference. Neither SEHSC nor any member company has made a determination at this time that any significant risk of injury to human health or the environment is presented by these findings.

If you have any questions, please contact me at (703) 788-6570, rmenning@sehsc.com, or at the address provided herein.

Sincerely,

Reo Menning
Executive Director

89060000137

Enclosure

2006 JAN 12 AM 11:09

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RCC Study Number 851639

3-(Triethoxysilyl)-propanenitrile:

Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat

Report (Part I of II)

Authors: Dr. R. Gerspach, Dr. A. Marburger, Dr. D. Flade, Dr. P. Gretener, Dr. Ph. Schaetti

Sponsor: SEHSC
11921 Freedom Drive
Suite 550
Reston, VA 20190
USA

Study Completion Date: October 31, 2005

RCC

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1 PREFACE

1.1 GENERAL

Title	3-(Triethoxysilyl)-propanenitrile: Combined repeated dose toxicity study with the reproduction / developmental toxicity screening test in the rat
Sponsor	SEHSC 11921 Freedom Drive Suite 550 Reston, VA 20190 USA
Study Monitor	Steven D. Crofoot Dow Corning Corporation 2200 West Salzburg Road Auburn, MI 48611 / USA
Test Facility	a) RCC Ltd Toxicology Operational Unit: Safety Assessment I CH-4414 Füllinsdorf / Switzerland
Test Sites	b) RCC Ltd Toxicology Operational Unit: Pathology / Diagnostic CH-4452 Itingen / Switzerland
	c) RCC Ltd Toxicology Operational Unit: Pathology / Diagnostic CH-4414 Füllinsdorf / Switzerland
	d) RCC Ltd Environmental Chemistry & Pharmanalytics CH-4452 Itingen / Switzerland
Lead QA	RCC Ltd Quality Assurance GLP Toxicology CH-4452 Itingen / Switzerland (responsible Test Facility and Test Sites (b) and (c))
Test Site QA	RCC Ltd Quality Assurance GLP Environmental Chemistry & Pharmanalytics CH-4452 Itingen / Switzerland (responsible for test site (d))

1.2 RESPONSIBILITIES

Study Directors	Dr. A. Marburger (a), until 22-JUN-2005 Dr. R. Gerspach (a), from 23-JUN-2005 onwards
Deputy Study Directors	Dr. R. Gerspach (a), until 22-JUN-2005 Dr. C. Senn (a), until 23-JUN-2005
Technical Coordinator	D. Frei (a)
Necropsy and Histotechnique	Dr. K. Weber (b)
Histopathology	Dr. Ph. Schaetti (b)
Clinical Laboratory Investigations	Dr. P. Gretener (c)
Head of Lead Quality Assurance	I. Wüthrich
Principal Investigator Analytical Phase	Dr. D. Flade (d)

1.3 SCHEDULE

Experimental Starting Date (delivery of males and females)	06-SEP-2004
Acclimatization Start	13-SEP-2004
Treatment Start	20-SEP-2004
Last Necropsies	Males and Toxicity Group females: 18-OCT-2004 Reproductive Group females: 04-NOV-2004
Experimental Completion Date	25-OCT-2005

1.4 TEST GUIDELINES

The study procedures described in this report meet or exceed the requirements of the following guidelines:

OECD guideline 422 (OECD guideline for testing of chemicals 422, "Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat", adopted by the Council on 22nd March 1996).

"Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test" Health Effects Test Guideline OPPTS 870.3650 Guideline from the Office of Prevention, Pesticides and Toxic Substances, U.S. Environmental Protection Agency, July 2000.

1.5 ACCREDITATION

"RCC Ltd, Toxicology" is accredited as a testing laboratory for analysis in the fields of clinical chemistry, hematology, blood-coagulation and urine diagnostics in accordance with the Standard ISO/IEC 17025 under accreditation number STS 085 by the Swiss Accreditation Service.

1.6 ANIMAL WELFARE

This study was performed in an AAALAC-approved laboratory in accordance with the Swiss Animal Protection Law under license No. 252.

1.7 SUMMARY OF STUDY PLAN AMENDMENTS

First Amendment	Change of test item name; change of status of study pathologist; delay of study start; addition of Swiss Animal Protection Law license number; change of rat strain, rat breeder and animals at start of acclimatization; specification of the analytical standard for analysis of dose formulations; addition of information for preparation of dose formulations according to the results of the then available analytical validation study; omitting the 4 hours stability check of dose formulations; specifying the responsibilities of discarding permission of dose formulation samples after analysis; addition of dosages; modification of blood sampling procedure; specifying lymph nodes to be preserved at necropsy; updating distribution list of study plan and amendment.
Second Amendment	Extension of test item expiry date.
Third Amendment	Correction of typographical error in test item name; change of study pathologist; modification of some functional observation battery parameters.
Fourth Amendment	Change of Study Director and Deputy Study Director.

1.8 ARCHIVING

RCC Ltd (CH-4452 Itingen / Switzerland) will retain the study plan, study plan amendments, final report, raw data of laboratory investigations, specimens (as long as the quality permits evaluation) and slides of pathology and histopathology and test item reference sample of the present study, the phase report and raw data of test sites for at least ten years. Wet tissue samples will be archived at RCC Ltd for a minimum of five years. Thereafter, in agreement with the Sponsor, these samples may be further archived at RCC Ltd or transferred to another GLP archive facility for the remainder of the prescribed period. No data will be discarded without the Sponsor's written consent.

1.9 SIGNATURES

STUDY DIRECTOR: Dr. R. Gerspach

.....
date: October 31, 2005

DEPUTY STUDY DIRECTOR: Dr. C. Senn

.....
date: 31-Oct-2005

TEST FACILITY MANAGEMENT: for Dr. H. Fankhauser

.....
date: 31-OCT-2005

GOOD LABORATORY PRACTICE

1.10 STATEMENT OF COMPLIANCE

RCC STUDY NUMBER:	851639
TEST ITEM:	3-(Triethoxysilyl)-propanenitrile
STUDY DIRECTOR:	Dr. R. Gerspach
TITLE:	3-(triethoxylsilyl)-propanenitrile: Combined repeated dose toxicity study with the reproduction / developmental toxicity screening test in the rat

This study was conducted in compliance with the Good Laboratory Practice Regulations listed below:

Swiss Ordinance relating to Good Laboratory Practice, adopted February 2nd, 2000 [RS 813.016.5]. This Ordinance is based on the OECD Principles of Good Laboratory Practice, as revised in 1997 and adopted November 26th, 1997 by decision of the OECD Council [C (97)186/Final].

Study Director: Dr. R. Gerspach

R. Gerspach
.....
date: October 31, 2005

1.11 QUALITY ASSURANCE GLP TOXICOLOGY

RCC Ltd, Toxicology, CH-4452 Itingen / Switzerland

STATEMENT

RCC STUDY NUMBER: 851639

TEST ITEM: 3-(Triethoxysilyl)-propanenitrile

STUDY DIRECTOR: Dr. R. Gerspach

TITLE: 3-(Triethoxylsilyl)-propanenitrile: Combined repeated dose toxicity study with the reproduction / developmental toxicity screening test in the rat

The general facilities and activities are audited periodically and the results are reported to the responsible person and the management.

Study procedures were periodically audited. The study plan and this report were audited by the Quality Assurance. The dates are given below.

Dates and Types of QA Inspections		Dates of Reports to the Study Director and Test Facility Management
19-DEC-2003	Study plan	19-DEC-2003
15-SEP-2004	Raw data, clinical signs, functional observation battery	15-SEP-2004
20-SEP-2004	Test system, test item, treatment, body weight, food consumption, dose preparation, sample taking	20-SEP-2004
04-OCT-2004	Vaginal smear	04-OCT-2004
15-OCT-2004	Raw data, test system, treatment, body weight	15-OCT-2004
18-OCT-2004	Blood sampling, raw data, necropsy	18-OCT-2004
27-OCT-2004	Process based (clinical laboratory investigation)	27-OCT-2004
28-OCT-2004	Food consumption. raw data, clinical signs F1, treatment, body weight	28-OCT-2004
02-NOV-2004	Histotechnique	02-NOV-2004
31-MAY-2005 to 07-JUN-2005	Draft report	07-JUN-2005
31-OCT-2005	Report	31-OCT-2005

This statement also confirms that this final report reflects the raw data.

In addition this final report includes a QA-Statement issued by the Test Site Quality Assurance.

Quality Assurance

Dr. Z. Bratolijc-Melkay

Z. Bratolic Melkay

Date: 31-OCT-2005

2 SUMMARY

The purpose of this study was to generate preliminary information concerning the effects of 3-(triethoxysilyl)-propanenitrile on the possible health hazards likely to arise from repeated exposure over a relatively limited period of time. In addition it provided information on possible effects on male and female reproductive performance such as gonadal function, mating behavior, conception, development of the conceptus and parturition.

3-(Triethoxysilyl)-propanenitrile was administered once daily orally (by gavage) to males for at least 28 days and to female rats throughout the 14-day pre-pairing, pairing and gestation periods until day 3 of lactation. Ten not-mated females per group, treated for at least 28 days, were used for toxicological evaluation (Toxicity Group).

The following dose levels were applied:

Group 1: 0 mg/kg body weight/day (vehicle control)

Group 2: 100 mg/kg body weight/day

Group 3: 500 mg/kg body weight/day

Group 4: 1000 mg/kg body weight/day

A standard dose volume of 2 mL/kg body weight with a daily adjustment to the actual body weight was used. Control animals were dosed with the vehicle alone (dried corn oil).

Males and toxicity group females were sacrificed after they had been treated for 28 days, reproductive group females and pups were sacrificed on day 4 post-partum.

The following results were obtained:

ADULT ANIMALS

GENERAL TOLERABILITY

No test item-related mortalities were noted throughout the study.

Commencing around day 14 of gestation and for the duration of the remaining treatment period, all females of the high dose reproductive group treated at 1000 mg/kg/day, showed signs of discomfort after administration of the test item (pushing head through bedding material). During this period, stretched forelimbs were noted after administration on single or a few days in six females. For four females, saltatory spasms were noted after administration of the test item on one or a few days. These clinical signs were considered to be test item-related.

None of the parameters under investigation during the functional observational battery gave any indication of test item-related effects.

Neither food consumption nor body weight development were affected by treatment with test item at any dosage.

REPRODUCTION DATA

The fertility rate was high resulting in at least 9 litters per group for evaluation of reproduction data. There were no treatment-related effects on precoital time, fertility indices, mean duration of gestation, number of implantations, post-implantation loss, pup survival or litter size from birth through to scheduled sacrifice on day 4 post-partum at any dosage.

CLINICAL LABORATORY INVESTIGATIONS

The assessment of clinical laboratory data was generally unremarkable.

The only notable effect of treatment with the test item was observed in several red cell parameters in both sexes at 1000 mg/kg/day. This was indicated by slightly reduced levels in the erythrocyte count, hemoglobin concentration and hematocrit, and may reflect slight adjustments as a result of secondary changes observed in the spleen.

TERMINAL EXAMINATIONS

At 1000 mg/kg/day, macroscopic renal changes were noted for three males and a thickened liver was noted for one male. At 1000 mg/kg/day, macroscopic renal changes were noted for three toxicity group females. These findings were considered to be test item-related since they correlated with histopathological findings.

ORGAN WEIGHTS

Males

Increased absolute and/or relative organ weight were noted for the following organs: heart (500 and 1000 mg/kg/day), liver (100, 500 and 1000 mg/kg/day), kidneys (500 and 1000 mg/kg/day) and spleen (1000 mg/kg/day).

Females

At 1000 mg/kg/day, increased absolute and/or relative organs weight were noted for the following organs: kidneys and spleen.

These findings correlated with the findings at histopathological examination, where severe renal changes were noted. The change in mean spleen weight was considered to be secondary to these changes.

HISTOPATHOLOGICAL EXAMINATION

The main target organ was the kidney. At 1000 and 500 mg/kg/day, chronic tubular lesions of minimal to moderate severity was observed in animals of either sex, correlating with macroscopic renal discoloration and foci and increased kidney weights recorded at necropsy. Males were more severely affected than females. Hyperplasia of transitional cell epithelium of the renal pelvis was seen at 500 and 1000 mg/kg/day in either sex, mostly in conjunction with chronic tubular lesions. Further, renal pyelonephritis and increased incidence of splenic extramedullary hematopoiesis (males only) were present in treated animals and were considered secondary to the primary renal tubular lesion.

No test item-related histopathological findings were noted in the reproductive organs of either sex. In particular, the assessment of the integrity of the spermatogenetic cycle did not reveal any evidence of impaired spermatogenesis.

LITTER DATA

No abnormal findings were noted for pups at first litter check or during the first 4 days post-partum. Sex ratios at first litter check and on day 4 post-partum were unaffected by treatment with the test item.

Mean pup weights on day 0 and day 1 post-partum were unaffected by treatment with the test item. Mean pup weight development during the first 4 days post-partum lactation was unaffected by treatment with the test item.

F1 PUPS NECROPSY FINDINGS

No macroscopic findings were noted during necropsy of F1 pups.

3 CONCLUSION

In order to generate preliminary information on the possible health hazards likely to arise from repeated exposure over a relatively limited period of time, 3-(triethoxysilyl)-propanenitrile was administered orally by gavage to rats at dosages of 0, 100, 500 and 1000 mg/kg/day. Males and females of the toxicity groups were treated for 28 days, females of the reproductive groups were treated for two weeks prior to pairing, during gestation and until day 3 of the lactation period.

Administration of 1000 mg/kg/day resulted in clinical signs (in pregnant reproductive group females only), in macroscopic renal changes (males and females), increased organ weights (kidneys, spleen, heart and liver in males; kidneys and spleen in females), small changes in several red cell parameters (males and females), and histopathological changes in kidneys (males and females) and spleen (males only).

Administration of 500 mg/kg/day resulted in increased organ weights (kidneys, heart and liver in males only) and histopathological changes in kidneys (males and females) and spleen (males only).

Administration of 100 mg/kg/day resulted in increased liver weight in males. In the absence of a histopathologic correlate the increased weight was considered most probably of adaptive nature and therefore of no adverse character.

Based on these data, the NOAEL (No observed adverse effect level) of toxicity was considered to be 100 mg/kg body weight/day.

In the absence of any adverse effects on reproductive or developmental parameters, the NOAEL for both reproduction and developmental toxicity was considered to be 1000 mg/kg body weight/day.

4 PURPOSE

The purpose of this study was to generate preliminary information on the possible health hazards likely to arise from repeated exposure over a relatively limited period of time. In addition it provided information on possible effects on male and female reproductive performance such as gonadal function, mating behavior, conception, development of the conceptus and parturition. The test item was administered once daily orally (by gavage) to males for at least 28 days and to female rats throughout the pre-pairing and pairing periods until day 3 of lactation. Ten not-mated females per group were used for toxicological evaluation (Toxicity Group). This study should provide information to assess the need to conduct further investigations and may provide guidance in the design of subsequent studies.

4.1 RATIONALE FOR CHOICE OF SPECIES, ROUTE OF ADMINISTRATION, AND DOSE LEVELS

The rat is a suitable rodent species for repeated dose and reproduction/developmental toxicity studies required by regulatory authorities. The oral route is one possible route for human exposure.

Dose levels were selected in agreement with the Sponsor, based on the results of a seven day range-finding study (RCC 851638).

5 MATERIALS AND METHODS

General Remark: Details of the materials and methods that are not specified in the subsequent sections of this report are contained in the appropriate RCC standard operating procedures.

5.1 TEST SYSTEM

Species	Rat, HanBrl:WIST (SPF)
Rationale	Specified by the international guidelines as the recommended test system
Source	RCC Ltd Laboratory Animal Services Wölferstrasse 4 CH-4414 Füllinsdorf / Switzerland
Number of animals	40 males, 10 per group
	80 females, 10 per Reproductive Group and 10 per Toxicity Group
Age at delivery	8 weeks minimum
Body weights (at start of acclimatization)	Males: 227 - 271 grams Females: 165 - 216 grams
Acclimatization	Seven days prior to pairing, under test conditions with an evaluation of the health status
Identification	Individual animal number tattooed on the pinnae and individual cage card

5.2 HUSBANDRY

Facility	The animals were housed at RCC Ltd, Füllinsdorf.
Room numbers	008.A and 008.B
Conditions	The study was performed under standard laboratory conditions: the animal rooms were air-conditioned with 10-15 air changes per hour; the environment was monitored continuously with recordings of temperature (target range 22 ± 3°C) and relative humidity (target range 30-70%), 12 hours artificial fluorescent light / 12 hours dark with background music played at a centrally defined low volume for at least 8 hours during the light period. On a few days of the study the relative humidity was transiently higher than 70%. These deviations resulted from cleaning activities in the animal room and were considered not to have affected the integrity or quality of the study.
Accommodation	Animals were housed in Makrolon cages (type-3) with wire mesh tops and standard granulated softwood bedding (Lignocel, Schill AG, CH-4132 Muttenz/ Switzerland). Toxicity Group females were housed individually. For the Reproductive Groups, during the pre-pairing period, males and females were housed individually. Cages of males were interspersed among those holding females to promote the development of regular estrus cycles. During the pairing period, rats were housed one male/ one female in Makrolon pairing cages. After mating or at the end of the pairing period, the males and the females were housed individually again. During the lactation period (until day 4 of lactation), dams were housed together with their litters. Throughout the study, each cage was identified by a colored label according to the group and recording the study schedule number, animal number(s) and details of treatment.
Diet	Pelleted standard Kliba-Nafag 3433 rat/mouse maintenance diet (Provimi Kliba AG, CH-4303 Kaiseraugst/ Switzerland) was available *ad libitum* (Batch Nos. 34/04 and 42/04). Results of analysis for contaminants are presented in Attachment II, pp. 347 - 350.

Water	Tap water from Füllinsdorf in bottles was available *ad libitum*. Results of bacteriological, chemical and contaminant analyses scheduled to be conducted at least once yearly by RCC (contaminant analyses only) and by the Official Chemist of the Kanton Basel-Landschaft (bacteriological and chemical analyses) are presented in Attachment I, pp. 343 - 345.

5.3 TEST ITEM

Test item and test item data were obtained from ABCR GmbH & Co. KG, Karlsruhe, Germany.

Identity	3-(Triethoxysilyl)-propanenitrile
Product code	SIC2445.0
Cas No.	919-31-3
Lot	4A-4363-BS (see Attachment III, p. 352)
Description	Colourless to yellowish liquid
Purity	97.8% (GC)
Stability	12 months from shipment
Expiry date	18-APR-2005 (based on the shipping date and guaranteed shelf-life by the supplier)
Stability in the vehicle	7 days, according to the results of the validation study (RCC 851691)
Storage conditions	At room temperature (20 ± 5°C), in closed containers under nitrogen atmosphere in a dry place
Safety precautions	Routine hygienic procedures were applied to ensure personnel security

The test item was also used as analytical standard for analysis of dose formulations.

5.4 VEHICLE AND CONTROL ITEM

Identity	Dried corn oil (see Attachment IV, p. 354)
Supplier / Batch number	Carl Roth GmbH & Co, D-78185 Karlsruhe / 47360894
Expiry date	March 2007
Storage conditions	In closed containers under nitrogen atmosphere in a cool and dry place
Safety precautions	Routine hygienic procedures were applied to ensure personnel security

5.5 PREPARATION OF DOSE FORMULATIONS

Dose levels were in terms of test item as supplied, that is, no corrections have been performed on the dose levels based on either the density and / or purity of the test item.

The test item was administered in the specified vehicle (dried corn oil). Mixtures of the test item in the vehicle (weight : volume) at appropriate concentrations were performed weekly according to the results of the validation study (RCC 851691).

Homogeneity of the test item in the vehicle was maintained during the daily administration period using a magnetic stirrer, as in accordance with the results of the validation study (RCC 851691).

Frequency of dose formulation	Weekly, in accordance to the results of the validation study (RCC 851691)
Storage of dose formulations	At room temperature (20 ± 5°C) under nitrogen headspace, in accordance to the results of the validation study (RCC 851691)

5.5.1 ANALYSIS OF DOSE FORMULATIONS

Samples for determination of actual test item concentrations, stability (7 days) and homogeneity in the prepared mixtures were taken on the first day of preparation. Additionally, samples for determination of actual test item concentrations and homogeneity were taken on one occasion during the gestation period. On the day of preparation, samples of each dose concentration were taken before dosing (from the top, middle and bottom of the container). Stability samples were taken from the middle of the container for verification of stability at room temperature for 7 days. Samples were stored in measuring flasks at -20 ± 5 °C. A sample of approximately 2 g of vehicle was taken. Samples and approximately 2 g of the test item were transported on dry ice to RCC Ltd, Environmental Chemistry & Pharmanalytics, CH-4452 Itingen/Switzerland.

Analysis were performed using a method developed by RCC Ltd, Environmental Chemistry & Pharmanalytics (RCC 851691): Gas Chromatographic (GC). After analysis the analytical results were communicated to the Study Monitor as soon as practically possible. Upon receipt of these analytical results the Study Monitor was given an opportunity to review and discuss these analytical results with the Principal Investigator (PI). Once any concerns of the Study Monitor had been addressed by the PI, the dose formulation samples were discarded at the discretion of the PI for the Analytical Phase. The Analytical Phase report is presented in Attachment V, pp. 356 - 369.

5.6 STUDY SCHEDULE (SCHEMATIC DIAGRAM)

	MALES	FEMALES (Reproductive Groups)	FEMALES (Toxicity Groups)
Acclimatization	7 days	7 days	7 days
Pre-pairing	14 days	14 days	
First Treatment	Day 1 of pre-pairing	Day 1 of pre-pairing	same day as for Reproductive Group males/females
Pairing	until mating	until mating	
Gestation		about 21 days	
Parturition		normally on day 21 or 22 post coitum	
Lactation		until day 4 post-partum	
Last Treatment	One day prior to the actual day of necropsy (treatment period: 28 days minimum)	On day 3 post-partum	One day prior to the actual day of necropsy (treatment period: 28 days minimum)
Termination	after a minimum of 28 days of treatment	On day 4 post-partum	after a minimum of 28 days of treatment

5.7 PROCEDURES, OBSERVATIONS, DATA RECORDING AND COMPILATION

5.7.1 PROCEDURES

Allocation of animals to the test groups

Group	Male Numbers	Reproductive Groups Female Numbers	Toxicity Groups Female Numbers	Dose mg/kg/day
1	1 - 10	41 - 50	81 - 90	0 (vehicle control)
2	11 - 20	51 - 60	91 - 100	100
3	21 - 30	61 - 70	101 - 110	500
4	31 - 40	71 - 80	111 - 120	1000

Method of allocation

Prior to start of treatment P animals were assigned to the different groups using a computer-generated random algorithm. In addition, body weights (recorded on the day of allocation) were taken into consideration in order to ensure similar mean body weights in all groups.

Administration

After acclimatization (7 days minimum), animals of both sexes in the Reproductive Groups received the test item for 14 days prior to pairing and during the pairing period. Males were dosed for a minimum of 28 days. Daily dosing of the females was continued throughout pregnancy and up to day 3 of lactation. Toxicity Group females (not-mated) were treated for at least 28 days, starting on the same day as reproductive group males/females.

The test item was administered orally, by gavage, once daily. All animals received a dose volume of 2 ml/kg body weight with a daily adjustment of the individual volume to the actual body weight. Control animals were dosed with the vehicle alone.

Mating

After a pre-pairing period of 14 days, males and females in the Reproductive Groups were paired overnight, in the ratio of 1 male : 1 female. The female was placed with the same male until mating occurred or two weeks had elapsed. The day on which spermatozoa was found in the vaginal smear or a vaginal plug was observed was designated day 0 post coitum.

After mating was ascertained, the animals were separated and housed individually. The females were allowed to litter and rear their progeny to day 4 of lactation.

5.7.2 OBSERVATIONS

Mortality rate	All animals were checked at least twice daily for any mortalities. All rats found dead were subjected to a detailed macroscopic examination to establish, if possible, the cause of death.
Signs and/or symptoms	All animals were observed at least twice daily for signs of reaction to treatment and/or symptoms of ill health. Additionally, the females were observed for signs of difficult or prolonged parturition.
Detailed clinical observations	Once prior to the first test item administration and weekly thereafter, a detailed clinical observation was performed outside the home cage.
Functional observation battery	The FOB evaluation was performed on all adult males and all Toxicity Group females prior to the start of dosing and during the last week of the test item administration. This FOB assessment was conducted following the daily dose administration. Animals were observed for the following: a) Cage side observations: unusual body movements (e.g. tremors, convulsions), abnormal behavior (e.g. circling, stereotypy) and posture as well as resistance to removal. b) Hand-held observations: palpebral closure, pinna reflex, lacrimation, pupil size, pupil reactivity, salivation, muscle tone, extensor thrust response, righting reflex, and reactivity to handling. c) Open field observations: level of ambulatory activity including rearing (one minute evaluation), responsiveness to sharp noise, paw pinch, gait evaluation, quantity of urine and fecal pellets voided. d) Categorical observations (could be made any time during the FOB): hair coat, behavior, respiration, muscle movements, eyes, hearing ability (Preyer's reflex), urine or feces, soiling, general abnormalities, posture. e) Measurements/Counts: rectal temperature, hindlimb/forelimb grip strength, landing foot splay.

A description of all test parameters is listed in the report. Any abnormal findings were recorded and, where appropriate, graded in severity. Additionally, locomotor activity was measured quantitatively for the same animals. Decreased or increased activity was recorded. Activity was measured with Activity Monitor AMS-0151 (FMI, Germany). Activity of the animals (basing on beam count) was recorded for 6-minute intervals over a period of 30 minutes. These data and the total activity over 30 minutes are reported.

5.7.3 DATA RECORDING

Body weight

All animals were weighed daily during the entire study (no body weights were recorded during the acclimatization period).

Food consumption

Males:

Food consumption was recorded weekly during the pre-pairing and post-pairing period.

Females (Toxicity Groups):
Food consumption was recorded weekly

Females (Reproductive Groups):

Food consumption was reported for the following periods: days 1-8 and 8-14 of the pre-pairing period; days 0-7, 7-14 and 14-21 post coitum and days 0-4 post-partum.

Food consumption was not recorded during the pairing period (mixed values of males and females).

Lactation and litter data

Day 0 post-partum was the day on which a female had delivered all her pups. The litters were examined for litter size, live birth, stillbirth and any gross anomalies. The sex ratio of the pups was recorded. The dams were caged together with their litters until day 4 post-partum. Pups were weighed individually (without identification) on days 0 (if possible), 1 and 4 post-partum.

The dams and pups were observed daily for survival and behavioral abnormalities in nesting and nursing.

5.8 CLINICAL LABORATORY INVESTIGATIONS

From all males and all Toxicity Group females, blood samples were obtained at the day of scheduled necropsy (day 29 of treatment). Blood samples were collected from the retroorbital sinus with the animal under light isoflurane anesthesia.

The animals were fasted over night before blood sampling. Blood samples were collected early in the working day to reduce biological variation caused by circadian rhythms.

5.8.1 HAEMATOLOGY

The following hematology parameters were determined:

- Erythrocyte count
- Hemoglobin
- Hematocrit
- Mean corpuscular volume
- Red cell volume distribution width
- Mean corpuscular hemoglobin
- Mean corpuscular hemoglobin concentration
- Hemoglobin concentration distribution width
- Platelet count
- Total leukocyte count
- Differential leukocyte count
- Coagulation:
- Thromboplastin time
- Activated partial thromboplastin time

5.8.2 CLINICAL BIOCHEMISTRY

The following parameters were determined:

- Glucose
- Urea
- Creatinine
- Bilirubin, total
- Cholesterol, total
- Aspartate aminotransferase
- Alanine aminotransferase
- Alkaline phosphatase
- Gamma-glutamyl-transferase
- Sodium
- Potassium
- Chloride
- Calcium
- Phosphorus inorganic
- Protein, total
- Albumin
- Globulin
- Albumin/Globulin ratio

5.9 PATHOLOGY

Termination and postmortem examination

Males were sacrificed after a minimum of 28 days of treatment, with or shortly after the Toxicity Group females. For the Reproductive Groups, females and pups were sacrificed on day 4 post-partum.

Males and females were killed by exsanguination following an intraperitoneal injection of sodium pentobarbital (Vetanarcol®). Pups were killed by an intraperitoneal injection of sodium pentobarbital.

All adult males and toxicity group females were subjected to a complete gross necropsy to include: examination of the external surface and all orifices of the body, the cranial, thoracic and abdominal cavities and their contents. For pregnant females, the number of corpora lutea and the number of implantation sites were recorded. [Note: Because rats may ovulate before day-4 post-partum, the corpora lutea counts represent any remaining corpora lutea of pregnancy and those from the most recent ovulation and therefore were expected to differ from the number of implant sites.]. Mated females that did not deliver were sacrificed on gestation day 24-27. Non-pregnant females demonstrating no evidence of copulation were sacrificed 21 days after the last day of the mating period. The uteri of non-pregnant females were placed in a solution of ammonium sulfide to visualize possible hemorrhagic areas of implantation sites*.

Dead pups and pups killed at day 4 of lactation were examined macroscopically.

* = Salewski, E., (1964) Arch. Exp. Path. Pharmak. 247, 367-368.

5.9.1 ORGAN WEIGHTS

From all males and Toxicity Group females, the following organs were taken, trimmed and weighed:

Males	Females (Toxicity Groups)
• liver	• liver
• adrenals*	• adrenals*
• thymus	• thymus
• kidneys*	• kidneys*
• spleen	• spleen
• brain	• brain
• heart	• heart
• testes*	• ovaries*
• epididymides*	• uterus
• seminal vesicles, with coagulating glands and their fluids (as one unit)	
• prostate	

* = paired weights

5.9.2 TISSUE PRESERVATION

The following tissues were collected from all males and females in the Toxicity Groups and preserved in neutral phosphate buffered 4% formaldehyde solution (except for testes and epididymides, which were fixed in Bouin's fixative):

- gross lesions
- brain
- spinal cord
- small and large intestines (incl. Peyer's patches)
- stomach
- liver
- kidneys
- adrenals
- spleen
- heart
- thymus
- thyroid/parathyroid
- urinary bladder
- lymph nodes (mesenteric and mandibular)
- sciatic nerve
- trachea and lungs (preserved by inflation with fixative and then immersion)
- bone marrow
- ovaries
- uterus
- testes
- epididymides
- prostate
- seminal vesicles with coagulation glands

5.9.3 HISTOPATHOLOGY

Full histopathology was carried out on the preserved organs and tissues of the males and Toxicity Group females in the vehicle control and high dose group (with special emphasis on stages of spermatogenesis and histopathology of interstitial testicular cell structure). Examinations were extended to the animals of lower dosage groups, if treatment-related changes were seen in the high dose group.

Histological examination of ovaries and uterus was carried out on any females that did not give birth.

All gross lesions were examined.

Microscopic examination of the reproductive organs of all infertile males were made, if necessary.

5.10 DATA COMPILATION AND PROCESSING

The following data were recorded on-line: food consumption, body weights, reproduction and litter data, organ weights, macroscopic findings at necropsy and histopathology. Locomotor activity was recorded on-line, and the results were printed and transcribed for compilation and analysis into the computer system.

All other data were recorded on data sheets and compiled manually.

From the on-line recorded reproduction data the following parameter were calculated: Fertility indices, mean precoital time, pre- and post-implantation losses, mean litter size, pup sex ratios and viability indices.

Clinical laboratory data were recorded on-line (Bayer Advia 120, Roche/Hitachi 917 Discrete Random-Access Analyzer, Miditron M Semi-Automated Urine Chemistry Analyzer) or on data sheets (STA-Analyzer, OSM3 Hemoximeter, diverse refractometers and light microscopes) and then transferred to the computer system.

Cageside and detailed clinical signs, data from the functional observational battery were recorded on data sheets and transcribed for compilation and analysis into the computer system.

The computer-generated values which appeared in the tables represent the rounded-off results of the raw data values or of calculations which used the exact raw data values.

Group means were calculated according to the definition of any mean value using the individual values per animal and the number of animals.

5.11 STATISTICAL ANALYSIS

The following statistical methods were used to analyze food consumption, body weights, reproduction data, pup data, locomotor activity as well as organ weights and ratios:

- Means and standard deviations of various data were calculated and included in the report.
- Univariate one-way analysis of variance was used to assess the significance of intergroup differences.
- If the variables could be assumed to follow a normal distribution, the Dunnett t-test, based on a pooled variance estimate, was used for intergroup comparisons (i.e. single treatment groups against the control group).
- The Steel test (rank test) was applied when the data could not be assumed to follow a normal distribution.
- Fisher's Exact test for 2x2 tables was applied if the variables could be dichotomized without loss of information.

For pup data, the litter is the appropriate unit for statistical comparison.

The following statistical methods were used for statistical analysis of clinical laboratory data:

- Quantitative data were analyzed by a one-way analysis of variance (ANOVA) when the variances were considered homogeneous according to Bartlett. Alternatively, if the variances were considered to be heterogenous ($p \leq 0.05$), a non-parametric Kruskal-Wallis test was used. Treated groups were then compared to the control groups using Dunnett's test if the ANOVA was significant at the 5% level and by Dunn's test in the case of a significant Kruskal-Wallis test ($p \leq 0.05$).

All methods of analysis and the results were included in the report.

References:

C.W. Dunnett: A Multiple Comparison Procedure for Comparing several Treatments with a Control, J. Amer. Statist. Assoc. 50, 1096-1121 (1955).

R.G. Miller: Simultaneous Statistical Inference, Springer Verlag, New York (1981).

R.A. Fisher: Statistical Methods for Research Workers, Oliver and Boyd, Edinburgh (1950).

6 RESULTS

6.1 ADULT ANIMALS

6.1.1 MORTALITIES AND/OR SIGNS OF REACTION TO TREATMENT

(pp. 193-205)

In group 4, one male (No. 39) was found dead on day 5 of the pre-pairing period. At necropsy incompletely collapsed and dark red discolored lungs were noted for this male, indicating that it probably died due to an intubation error.

In group 3, one toxicity group female (No. 108) was found dead on day 9 of the treatment period. The cause of death of the female could not be established. In the absence of mortalities in group 4, this isolated mortality was considered to be incidental. All other animals survived until scheduled necropsy.

Commencing around day 14 of gestation and for the duration of the remaining treatment period, all females of the high dose reproductive group, showed signs of discomfort after administration of the test item (pushing head through bedding material). During this period, stretched forelimbs were noted after administration on single or a few days in six females. For four females saltatory spasms were noted after administration of the test item on one or a few days. These clinical signs were considered to be test item-related.

All other clinical signs noted in course of the study were isolated signs and neither their type nor frequency were considered to be test item-related.

6.1.2 FOOD CONSUMPTION - MALES

Pre-Pairing and after Pairing Period

(pp. 40-43, 132-139)

Mean food consumption was similar in all groups and not affected by treatment with the test item.

6.1.3 BODY WEIGHTS - MALES

Pre-Pairing, Pairing and After Pairing Period

(pp. 44-55, 140-151)

Mean absolute body weights and body weight development were similar in all groups and gave no indication of a test item-related effect.

The mean body weight loss noted in all groups between days 7 and 8 of the after pairing period was attributable to the blood sampling performed on day 7.

6.1.4 FOOD CONSUMPTION - FEMALES - TOXICITY GROUPS

(pp. 56, 57, 152-155)

Treatment Period

Mean food consumption was similar in all groups and not affected by treatment with the test item.

6.1.5 BODY WEIGHTS - FEMALES - TOXICITY GROUPS

Treatment Period

(pp. 58-63, 156-163)

Mean absolute body weights and body weight development were similar in all groups throughout the treatment period and gave no indication of a test item-related effect.

The mean body weight loss noted in all groups between days 28 and 29 of the treatment period was attributable to the blood sampling performed on day 28.

6.1.6 FOOD CONSUMPTION - FEMALES - REPRODUCTIVE GROUPS

Pre-Pairing, Gestation and Lactation Period

(pp. 64-69, 164-175)

Mean food consumption was not affected by exposure to the test item.

Mean food consumption was generally similar in all groups, with a tendency towards slightly higher food consumption in group 4. This higher food consumption was considered to be incidental and of no toxicological relevance.

6.1.7 BODY WEIGHTS - FEMALES - REPRODUCTIVE GROUPS

Pre-Pairing, Pairing, Gestation and Lactation Period

(pp. 70-87, 176-192)

Throughout all periods, mean absolute body weights and body weight development were similar in all groups and gave no indication of a test item-related effect.

6.1.8 FUNCTIONAL OBSERVATIONAL BATTERY

(pp. 89, 92, 206-213, 222-229)

None of the parameters under investigation during the functional observational battery, which was performed once pretest and once towards the end of the treatment period, was considered to be affected by treatment with the test item.

Grip Strength, Landing Foot Splay, Rectal Temperature and Level of Ambulatory Activity

(pp. 90, 91, 93, 94, 214-221, 230-237)

Mean values for grip strength (fore- and hind paws), landing foot splay, rectal temperature and the level of ambulatory activity gave no indication of test item-related effects.

Locomotor Activity

(pp. 95-98, 238-253)

Locomotor activity of males and toxicity group females was assessed quantitatively in terms of low beam counts in an activity monitor. On both occasions, the level of locomotor activity was similar in all groups. Assessment during the last week of treatment gave no indication of a test item-related effect.

6.2 REPRODUCTION DATA

6.2.1 SUMMARY OF PERFORMANCE

F0 ANIMALS BREEDING FOR F1 LITTERS

Group (mg/kg/day)	1 (0)	2 (100)	3 (500)	4 (1000)
Number of females paired	10	10	10	10
Number of females mated	10	10	10	10
Number of pregnant females	10	10	10	9 (A)
Number of females delivering pups	10	10	10	9
Number of females with live pups on day 4 post-partum	10	10	10	9

(A) = Female No. 79 was not pregnant

6.2.2 FERTILITY AND MATING PERFORMANCE

(pp.100, 101, 254-257)

All females were mated within seven days.

The median and mean precoital times were unaffected by treatment with the test item. Mean precoital times were 4.2, 2.5, 2.6 and 2.4 days in groups 1-4. Median precoital time was 4, 3, 3 and 3 days in order of ascending dose level.

The fertility rate was generally high and calculated fertility indices were similar in all groups (100% in groups 1-3, and 90% in group 4). The gestation index was 100% in all groups.

6.2.3 DURATION OF GESTATION

(pp. 103, 258-265)

The mean duration of gestation was unaffected by treatment with the test item. Mean duration of gestation was 21.6, 21.6, 21.7 and 21.7 days, in order of ascending dose level.

6.2.4 IMPLANTATION RATE AND POST-IMPLANTATION LOSS

(pp. 102, 103, 258-265)

The mean number of implantations per litter and post-implantation loss were unaffected by treatment with the test item.

The mean numbers of implantations per dam were 13.7, 13.5, 14.2 and 13.6, in order of ascending dose level. The mean incidence of post-implantation loss as a percentage of total implantations was 10.2, 10.4, 4.9 and 12.3% in order of ascending dose level.

6.2.5 LITTER SIZE AT FIRST LITTER CHECK

(pp. 103, 114, 258-265)

The number of live pups at first litter check was unaffected by treatment with the test item. The mean number of live pups per litter was 12.3, 12.1, 13.5 and 11.9 in order of ascending dose level.

The number of dead pups noted at first litter check was low and gave no indication of a test item-related effect. The total numbers of dead pups at first litter check were 0, 3, 0 and 2 in order of ascending dose level.

6.2.6 POSTNATAL LOSS DAYS 0 - 4 POST-PARTUM

(pp. 103, 115, 258-265)

Neonatal mortality was generally low and not affected by treatment with the test item. The total numbers of pup loss during the first four days of life were 1, 2, 3 and 3 in order of ascending dose level, corresponding to 0.8, 1.7, 2.2 and 2.8% of living pups.

6.3 LITTER DATA - F1 PUPS

6.3.1 ABNORMAL FINDINGS AT BIRTH (FIRST LITTER CHECK) AND DURING LACTATION TO WEANING

(pp. 114, 116, 318-340)

No abnormal findings were noted at first litter check or during the first 4 days post-partum.

6.3.2 SEX RATIOS

(p. 103)

Sex ratios at first litter check and on day 4 post-partum were unaffected by treatment with the test item.

The proportion of males at first litter check was 44, 47, 51 and 44% in order of ascending dose level. On day 4 post-partum the proportion of males was 44, 48, 52 and 43%.

6.3.3 PUP WEIGHTS TO DAY 4 POST-PARTUM

(pp. 106-113, 310-317)

Mean pup weights on day 0 and day 1 post-partum were unaffected by treatment with the test item. For those litters, for which pup weights were recorded on day 0 post-partum[1], mean pup weights were 6.1, 6.0 and 5.9 g, respectively, in groups 2-4 (no day 0 data available for the vehicle control group, combined data for male and female pups). On day 1 post-partum mean pup weights were 6.1, 6.0, 6.3 and 6.1 g in order of ascending dose level.

Mean pup weight development during the first 4 days post-partum lactation was unaffected by treatment with the test item. Mean pup weights on day 4 post-partum were 9.0, 9.1, 9.3 and 9.2 g in order of ascending dose level.

6.4 CLINICAL LABORATORY INVESTIGATIONS

6.4.1 HEMATOLOGY

(pp. 371-411)

The assessment of hematology data was generally unremarkable.

The only notable effect of treatment with the test item was observed in several red cell parameters in both sexes of group 4. This was indicated by slightly reduced levels in the erythrocyte count (RBC, not statistically significant), hemoglobin concentration (Hb, statistically significant) and hematocrit (Hct, statistically significant), and may reflect slight adjustments as a result of secondary changes observed in the spleen.

All other differences were considered to be incidental. The noted variations were slight in magnitude and /or displayed no clear dose-relationship. No toxicological relevance is associated with the foreshortened coagulation times (PT and/or PTT) observed in both sexes of groups 2, 3 and 4.

[1] Pup weights on day 0 post-partum were recorded for those litters, for which delivery was completed until 3.00 o'clock in the afternoon. If littering was still ongoing at this time or the dam delivered overnight, no day 0 pup weights could be recorded

6.4.2 CLINICAL BIOCHEMISTRY

(pp. 371-411)

For clinical biochemistry data no effects were noted which could be related to treatment with the test item.

The noted variations were slight in magnitude and /or displayed no clear dose-relationship and were therefore considered to be incidental.

6.5 TERMINAL FINDINGS

6.5.1 PARENT ANIMALS - NECROPSY FINDINGS

(pp. 118-120, 278-290)

Males

In group 4, macroscopic renal changes were noted for three males (pelvic dilation (two males), tan discoloration (one male) and tan foci (one male)). A thickened liver was noted in one male. These findings were considered to be test item-related since they correlated with histopathological findings.

The other findings noted during necropsy were isolated findings and neither their type nor their frequency gave an indication of a test item-related effect.

Females - Toxicity Groups

In group 4, macroscopic renal changes were noted for three females (tan foci (two females), pelvic dilation (one female)). These findings were considered to be test item-related since they correlated with histopathological findings.

The other findings noted during necropsy were isolated findings and neither their type nor their frequency gave an indication of a test item-related effect.

Females - Reproductive Groups

No macroscopic findings were noted during macroscopic examination.

6.5.2 PARENT ANIMALS - ORGAN WEIGHTS

(pp. 121-126, 291-302)

Males

Increased absolute and/or relative organ weights were noted for the following organs: heart (groups 3 and 4), liver (groups 2-4), kidneys (groups 3 and 4) and spleen (group 4).

Increased liver weights had no histopathological correlate and were considered to be of adaptive nature. Increased kidney weights correlated with the findings at histopathological examination, where severe renal changes were noted. The changes in spleen and heart weights were considered to be secondary to the renal changes.

Females

Increased absolute and/or relative organ weights were noted for the following organs: kidneys (group 4) and spleen (group 4).

These findings correlated with the findings at histopathological examination, where severe renal changes were noted. The change in mean spleen weight was considered to be secondary to these changes.

In the absence of a dose dependency and a histopathological correlate, the statistically significantly higher absolute and relative adrenal weights noted in group 3, were considered to be incidental.

6.5.3 PARENT FEMALES - CORPORA LUTEA COUNT

(pp. 127, 303-306)

The mean number of corpora lutea per dam (determined at necropsy) was similar in all groups (24.1, 23.5, 23.5 and 24.7 in order of ascending dose level) and gave no indication of a test item-related effect.

6.5.4 PARENT ANIMALS - HISTOPATHOLOGY FINDINGS

(pp. 413-519)

The following test item-related changes were observed in the kidneys and spleen:

The main target organ was the kidney. In 8/10 animals of either sex of group 4 and in 6/10 males of group 3, chronic tubular lesions of minimal to moderate severity was observed, correlating with macroscopic renal discoloration and foci and increased kidney weights recorded at necropsy. Males were more severely affected than females. Hyperplasia of transitional cell epithelium of the renal pelvis was seen in groups 3 and 4 in either sex, mostly in conjunction with chronic tubular lesions. Further, renal pyelonephritis and increased incidence of splenic extramedullary hematopoiesis (males only) were present in treated animals and were considered secondary to the primary renal tubular lesions.

No test item-related histopathological findings were noted in the reproductive organs of either sex. In particular, the assessment of the integrity of the spermatogenetic cycle did not reveal any evidence of impaired spermatogenesis.

6.5.5 F1 PUPS - NECROPSY FINDINGS

(pp. 129, 318-340)

No macroscopic findings were noted during necropsy of F1 pups.

6.6 CONCLUSION

In order to generate preliminary information on the possible health hazards likely to arise from repeated exposure over a relatively limited period of time, 3-(triethoxysilyl)-propanenitrile was administered orally by gavage to rats at dosages of 0, 100, 500 and 1000 mg/kg/day. Males and females of the toxicity groups were treated for 28 days, females of the reproductive groups were treated for two weeks prior to pairing, during gestation and until day 3 of the lactation period.

Administration of 1000 mg/kg/day resulted in clinical signs (in pregnant reproductive group females only), in macroscopic renal changes (males and females), increased organ weights (kidneys, spleen, heart and liver in males; kidneys and spleen in females), small changes in several red cell parameters (males and females), and histopathological changes in kidneys (males and females) and spleen (males only).

Administration of 500 mg/kg/day resulted in increased organ weights (kidneys, heart and liver in males only) and histopathological changes in kidneys (males and females) and spleen (males only).

Administration of 100 mg/kg/day resulted in increased liver weight in males. In the absence of a histopathologic correlate the increased weight was considered most probably of adaptive nature and therefore of no adverse character.

Based on these data, the NOAEL (No observed adverse effect level) of toxicity was considered to be 100 mg/kg body weight/day.

In the absence of any adverse effects on reproductive or developmental parameters, the NOAEL for both reproduction and developmental toxicity was considered to be 1000 mg/kg body weight/day.

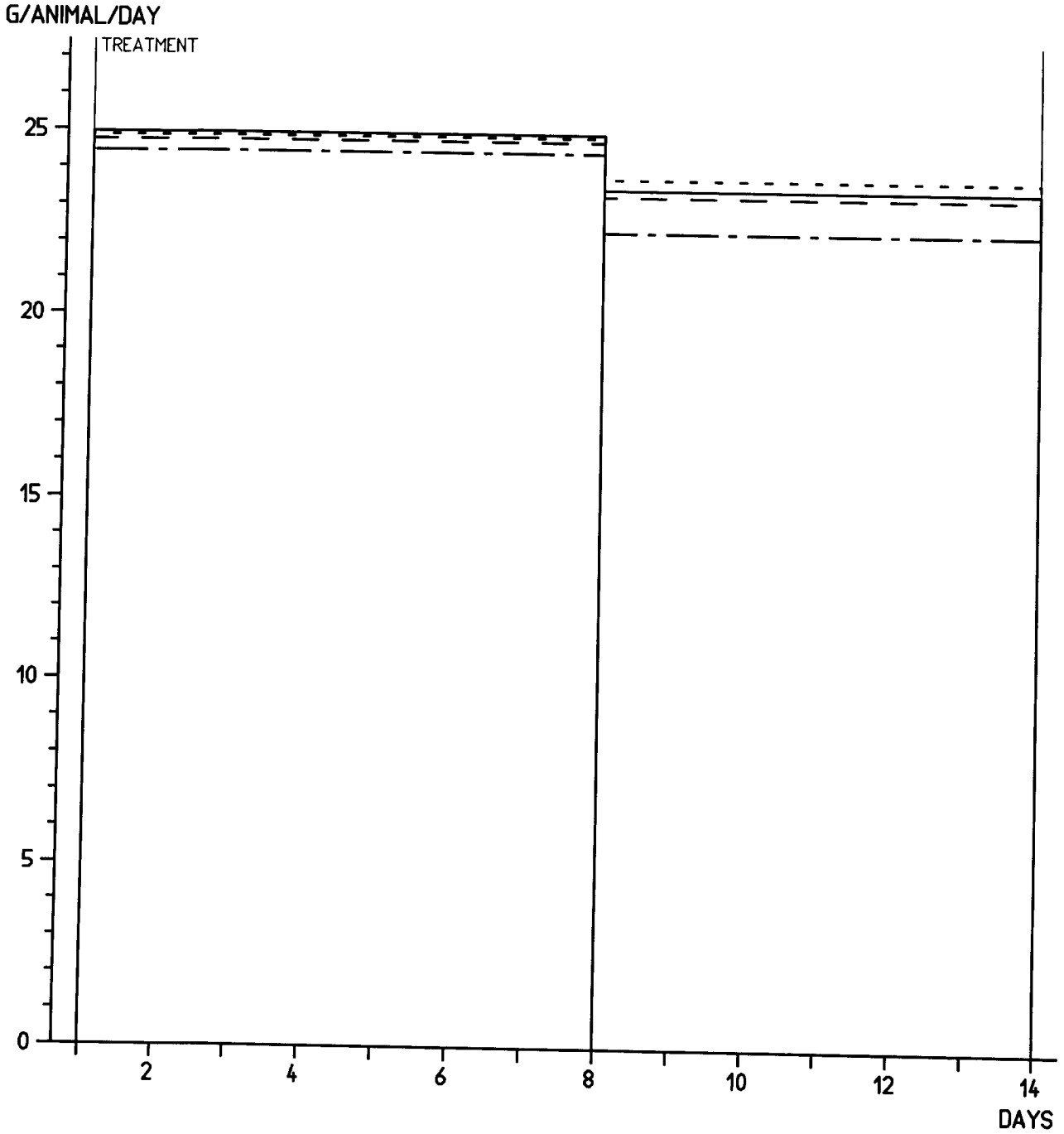
7 FIGURES AND TABLES

7.1 ADULT ANIMALS

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SPLT - 1
13-APR-05

FOOD CONSUMPTION OF MALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG) (Value(s) excluded)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SUM - 1
13-APR-05

FOOD CONSUMPTION OF MALES SUMMARY (G/ANIMAL/DAY) REPRODUCTIVE GROUPS - PREPAIRING PERIOD

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAYS 1-8	MEAN	24.9	24.9	24.7	24.4
	ST.DEV.	1.6	2.4	1.7	2.6
	N	10	10	10	9
DAYS 8-14	MEAN	23.5	23.8	23.3	22.3
	ST.DEV.	1.5	2.2	2.1	1.8
	N	10	10	10	9
MEAN OF MEANS		24.2	24.3	24.0	23.4

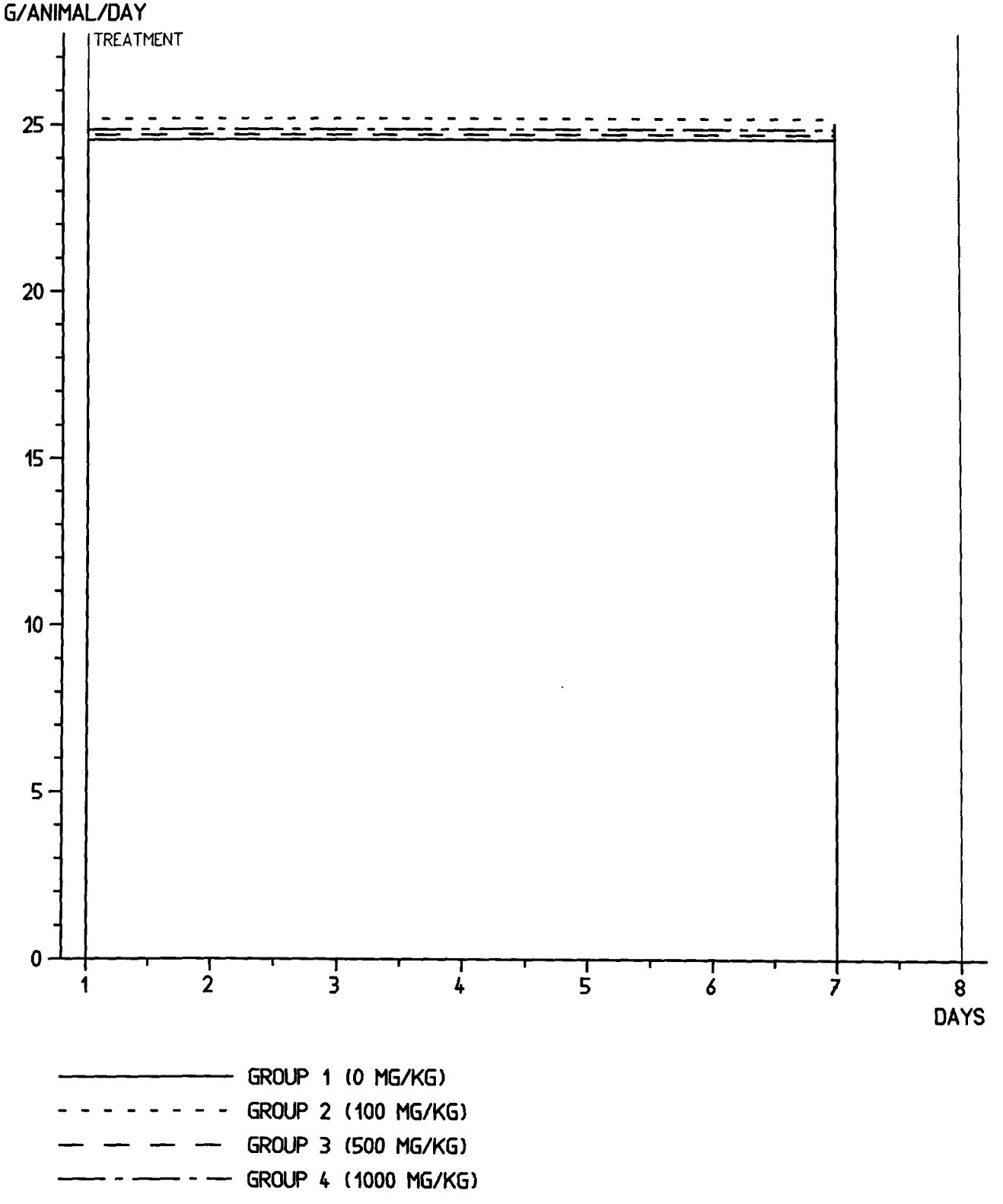
Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SPLT - 1
13-APR-05

FOOD CONSUMPTION OF MALES

REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD



RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SUM - 1
13-APR-05

FOOD CONSUMPTION OF MALES SUMMARY (G/ANIMAL/DAY) REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAYS 1-7	MEAN	24.5	25.2	24.7	24.8
	ST.DEV.	1.4	1.8	2.3	1.4
	N	10	10	10	9

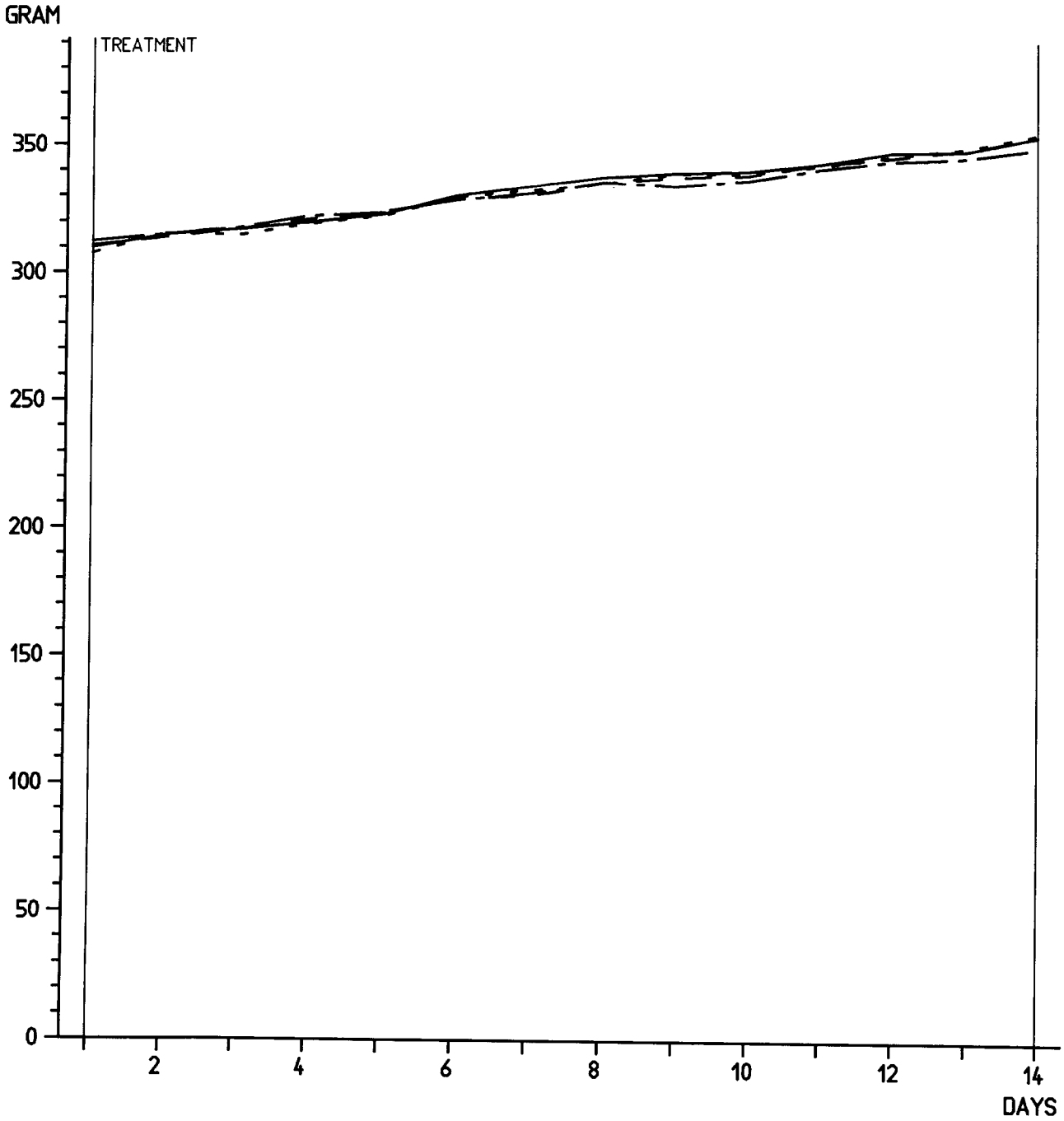
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 1
13-APR-05

BODY WEIGHTS OF MALES

REPRODUCTIVE GROUPS - PREPAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG) (Value(s) excluded)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 1
13-APR-05

BODY WEIGHTS (GRAM) OF MALES SUMMARY REPRODUCTIVE GROUPS - PREPAIRING PERIOD

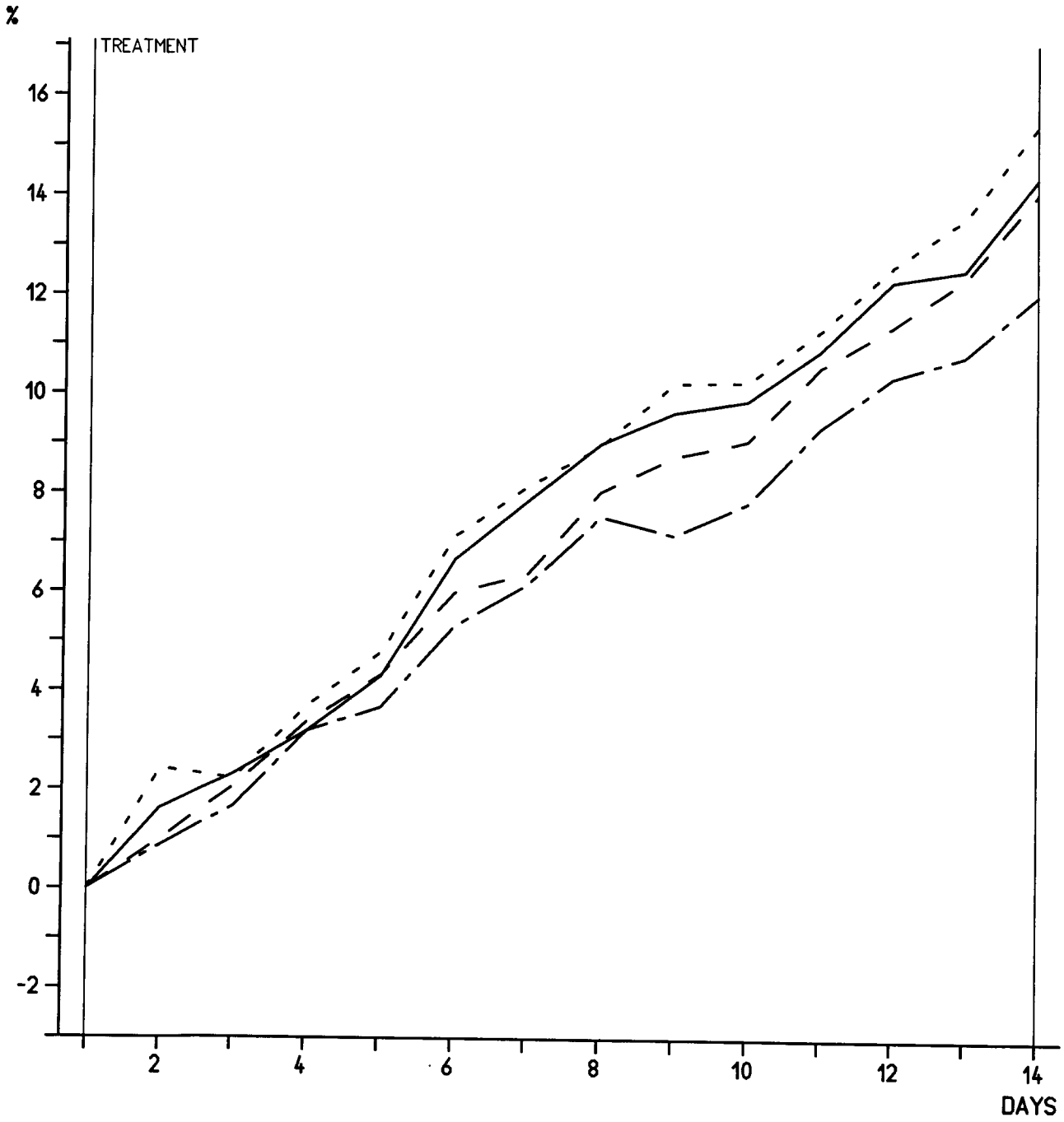
		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY 1	MEAN	310	308	311	312
	ST.DEV.	9.7	14.9	10.7	7.6
	N	10	10	10	9
DAY 2	MEAN	315	315	314	315
	ST.DEV.	9.9	14.3	10.4	7.4
	N	10	10	10	9
DAY 3	MEAN	317	315	317	317
	ST.DEV.	9.4	15.4	10.3	8.5
	N	10	10	10	9
DAY 4	MEAN	320	319	321	322
	ST.DEV.	10.5	16.1	8.9	10.3
	N	10	10	10	9
DAY 5	MEAN	323	322	324	324
	ST.DEV.	10.9	14.6	11.0	11.6
	N	10	10	10	9
DAY 6	MEAN	330	330	329	329
	ST.DEV.	12.2	17.8	13.7	8.4
	N	10	10	10	9
DAY 7	MEAN	334	333	330	331
	ST.DEV.	12.6	16.9	15.0	10.1
	N	10	10	10	9
DAY 8	MEAN	338	335	336	336
	ST.DEV.	13.3	18.7	12.3	11.7
	N	10	10	10	9
DAY 9	MEAN	340	339	338	335
	ST.DEV.	12.8	18.0	13.5	12.4
	N	10	10	10	9
DAY 10	MEAN	340	339	339	337
	ST.DEV.	13.2	19.6	14.3	13.3
	N	10	10	10	9
DAY 11	MEAN	344	343	343	341
	ST.DEV.	13.9	19.9	14.7	14.0
	N	10	10	10	9
DAY 12	MEAN	348	347	346	345
	ST.DEV.	15.0	20.4	16.8	13.7
	N	10	10	10	9
DAY 13	MEAN	349	350	349	346
	ST.DEV.	14.2	21.8	15.9	12.2
	N	10	10	10	9
DAY 14	MEAN	354	356	354	350
	ST.DEV.	15.6	22.0	16.2	12.7
	N	10	10	10	9

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 1
13-APR-05

BODY WEIGHT GAIN OF MALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG) (Value(s) excluded)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 1
13-APR-05

BODY WEIGHT GAIN (%) OF MALES SUMMARY REPRODUCTIVE GROUPS - PREPAIRING PERIOD

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY 1	MEAN	0	0	0	0
	ST.DEV.	0.0	0.0	0.0	0.0
	N	10	10	10	9
DAY 2	MEAN	2	2	1	1
	ST.DEV.	1.0	0.9	0.4	0.5
	N	10	10	10	9
DAY 3	MEAN	2	2	2	2
	ST.DEV.	0.9	0.8	0.7	0.7
	N	10	10	10	9
DAY 4	MEAN	3	4	3	3
	ST.DEV.	1.3	1.1	1.1	1.3
	N	10	10	10	9
DAY 5	MEAN	4	5	4	4
	ST.DEV.	1.4	1.2	0.9	1.5
	N	10	10	10	9
DAY 6	MEAN	7	7	6	5
	ST.DEV.	1.9	1.5	1.8	1.4
	N	10	10	10	9
DAY 7	MEAN	8	8	6	6
	ST.DEV.	2.1	1.8	1.3	1.7
	N	10	10	10	9
DAY 8	MEAN	9	9	8	8
	ST.DEV.	2.1	1.6	1.3	2.2
	N	10	10	10	9
DAY 9	MEAN	10	10	9	7 *
	ST.DEV.	2.2	1.9	1.7	2.3
	N	10	10	10	9
DAY 10	MEAN	10	10	9	8
	ST.DEV.	2.5	2.0	2.0	2.6
	N	10	10	10	9
DAY 11	MEAN	11	11	11	9
	ST.DEV.	2.8	2.2	2.0	2.7
	N	10	10	10	9
DAY 12	MEAN	12	13	11	10
	ST.DEV.	3.0	2.5	2.5	2.6
	N	10	10	10	9
DAY 13	MEAN	13	14	12	11
	ST.DEV.	2.9	2.6	2.4	2.2
	N	10	10	10	9
DAY 14	MEAN	14	15	14	12
	ST.DEV.	3.2	2.5	2.3	3.0
	N	10	10	10	9

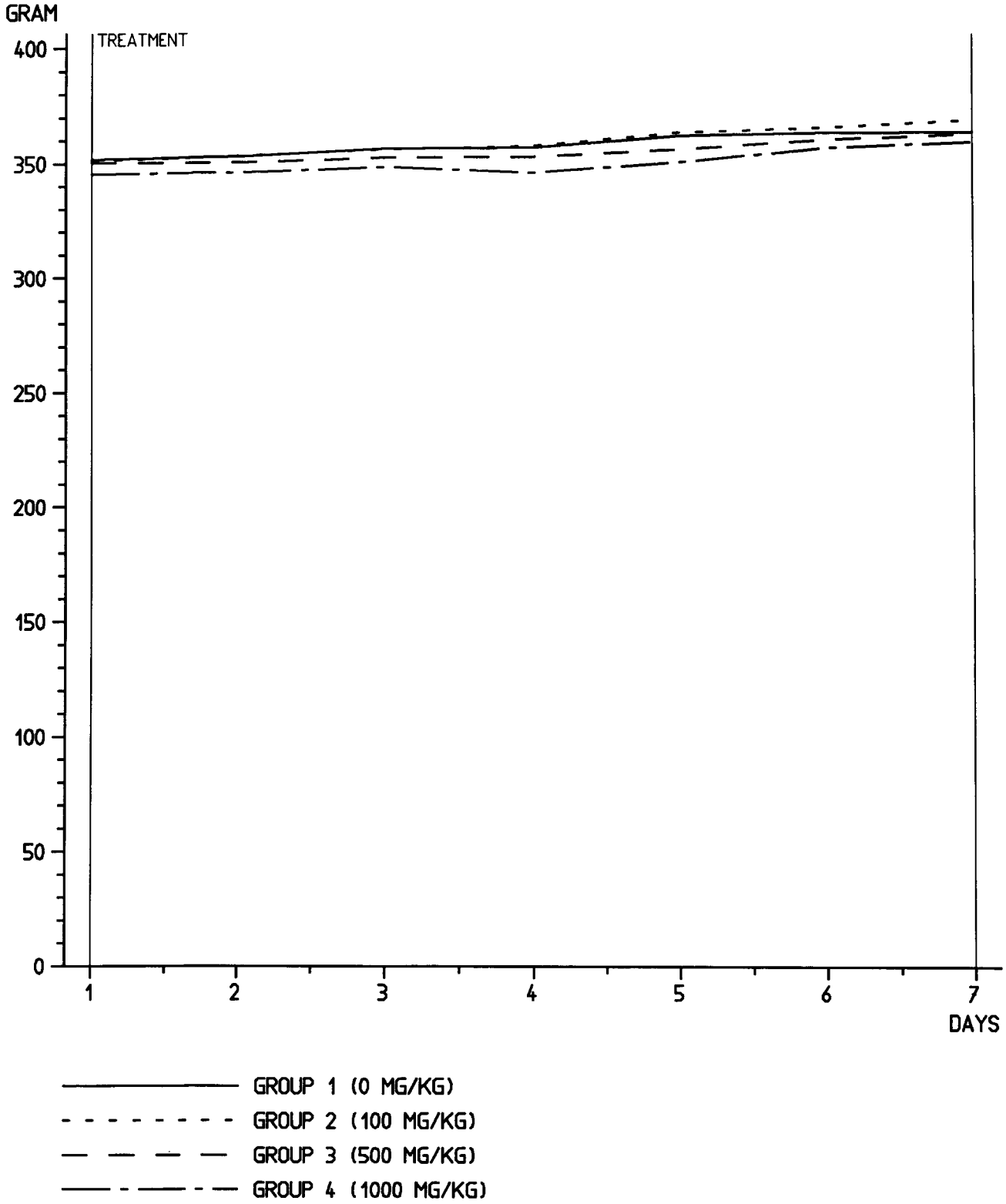
Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 1
13-APR-05

BODY WEIGHTS OF MALES

REPRODUCTIVE GROUPS - PAIRING PERIOD



RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 1
13-APR-05

BODY WEIGHTS (GRAM) OF MALES SUMMARY REPRODUCTIVE GROUPS - PAIRING PERIOD

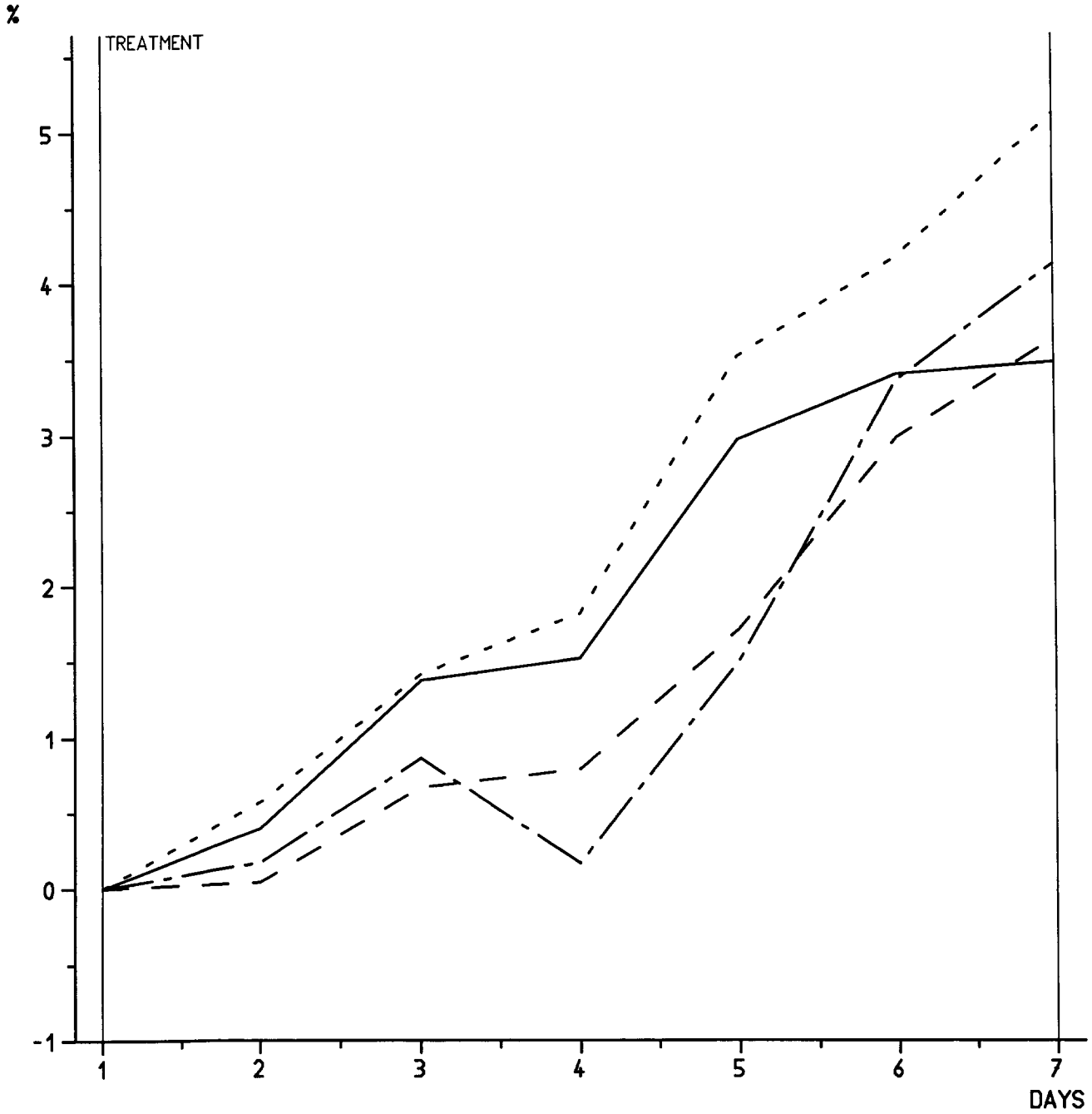
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	352	351	350	346
		ST.DEV.	15.7	22.4	18.2	10.0
		N	10	10	10	9
DAY	2	MEAN	353	353	350	346
		ST.DEV.	13.0	22.6	17.4	11.1
		N	10	10	10	9
DAY	3	MEAN	357	356	353	349
		ST.DEV.	15.7	23.5	18.1	15.1
		N	10	10	10	9
DAY	4	MEAN	357	358	353	346
		ST.DEV.	15.5	23.4	18.3	15.9
		N	10	10	10	9
DAY	5	MEAN	362	364	356	351
		ST.DEV.	15.0	22.8	19.1	14.2
		N	10	10	10	9
DAY	6	MEAN	364	366	361	357
		ST.DEV.	15.0	24.1	19.3	11.6
		N	10	10	10	9
DAY	7	MEAN	364	369	363	360
		ST.DEV.	16.1	23.2	21.0	12.7
		N	10	10	10	9

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 1
13-APR-05

BODY WEIGHT GAIN OF MALES
REPRODUCTIVE GROUPS - PAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 1
13-APR-05

BODY WEIGHT GAIN (%) OF MALES SUMMARY REPRODUCTIVE GROUPS - PAIRING PERIOD

			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	0	0	0	0
		ST.DEV.	0.0	0.0	0.0	0.0
		N	10	10	10	9
DAY	2	MEAN	0	1	0	0
		ST.DEV.	1.1	0.8	1.0	1.4
		N	10	10	10	9
DAY	3	MEAN	1	1	1	1
		ST.DEV.	1.4	0.8	2.2	2.2
		N	10	10	10	9
DAY	4	MEAN	2	2	1	0
		ST.DEV.	1.2	1.0	2.6	3.0
		N	10	10	10	9
DAY	5	MEAN	3	4	2	1
		ST.DEV.	1.2	1.2	2.7	2.5
		N	10	10	10	9
DAY	6	MEAN	3	4	3	3
		ST.DEV.	1.8	1.1	2.8	1.9
		N	10	10	10	9
DAY	7	MEAN	3	5	4	4
		ST.DEV.	1.9	1.1	3.1	1.7
		N	10	10	10	9

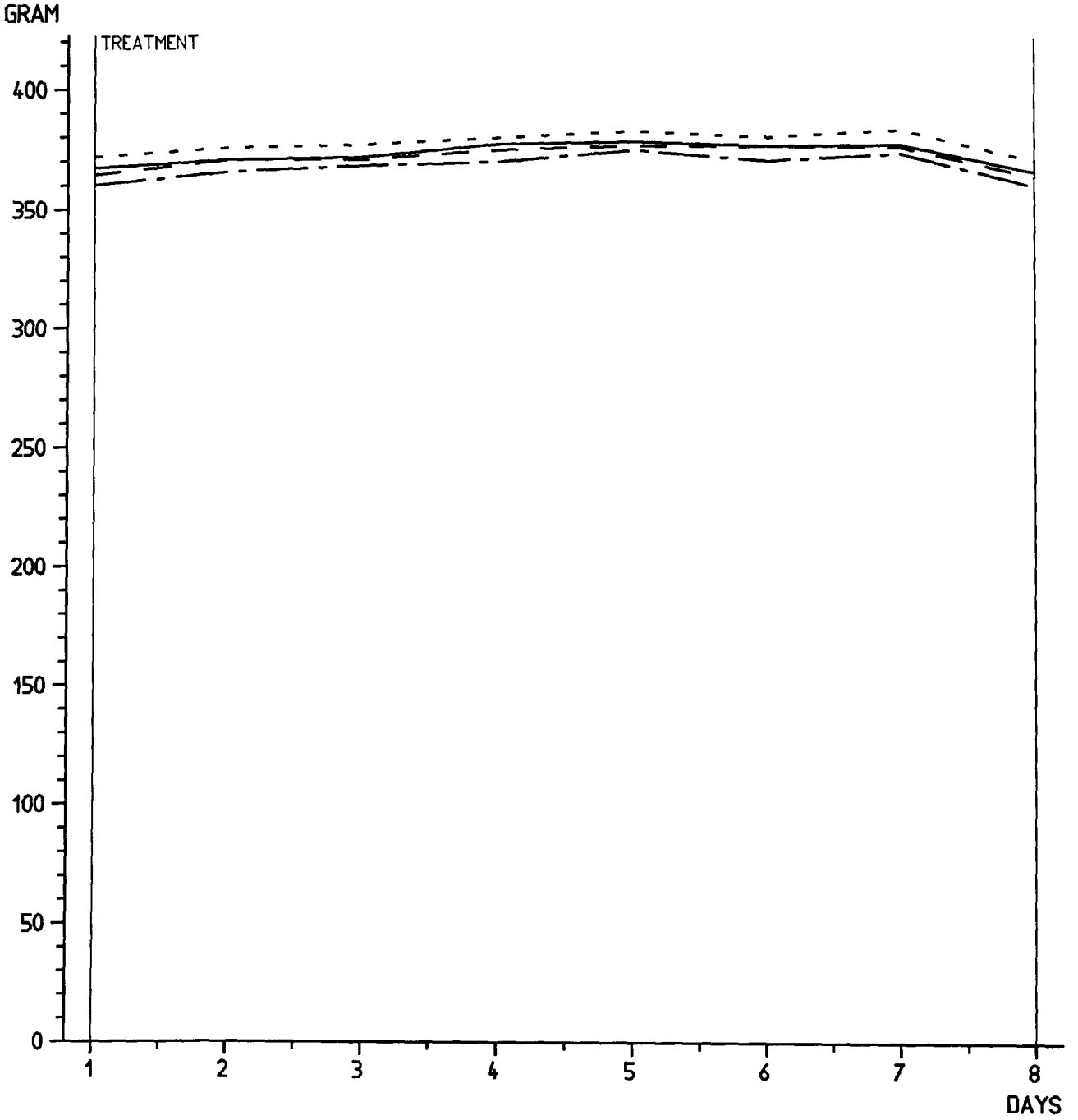
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 1
13-APR-05

BODY WEIGHTS OF MALES

REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 1
13-APR-05

BODY WEIGHTS (GRAM) OF MALES SUMMARY REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

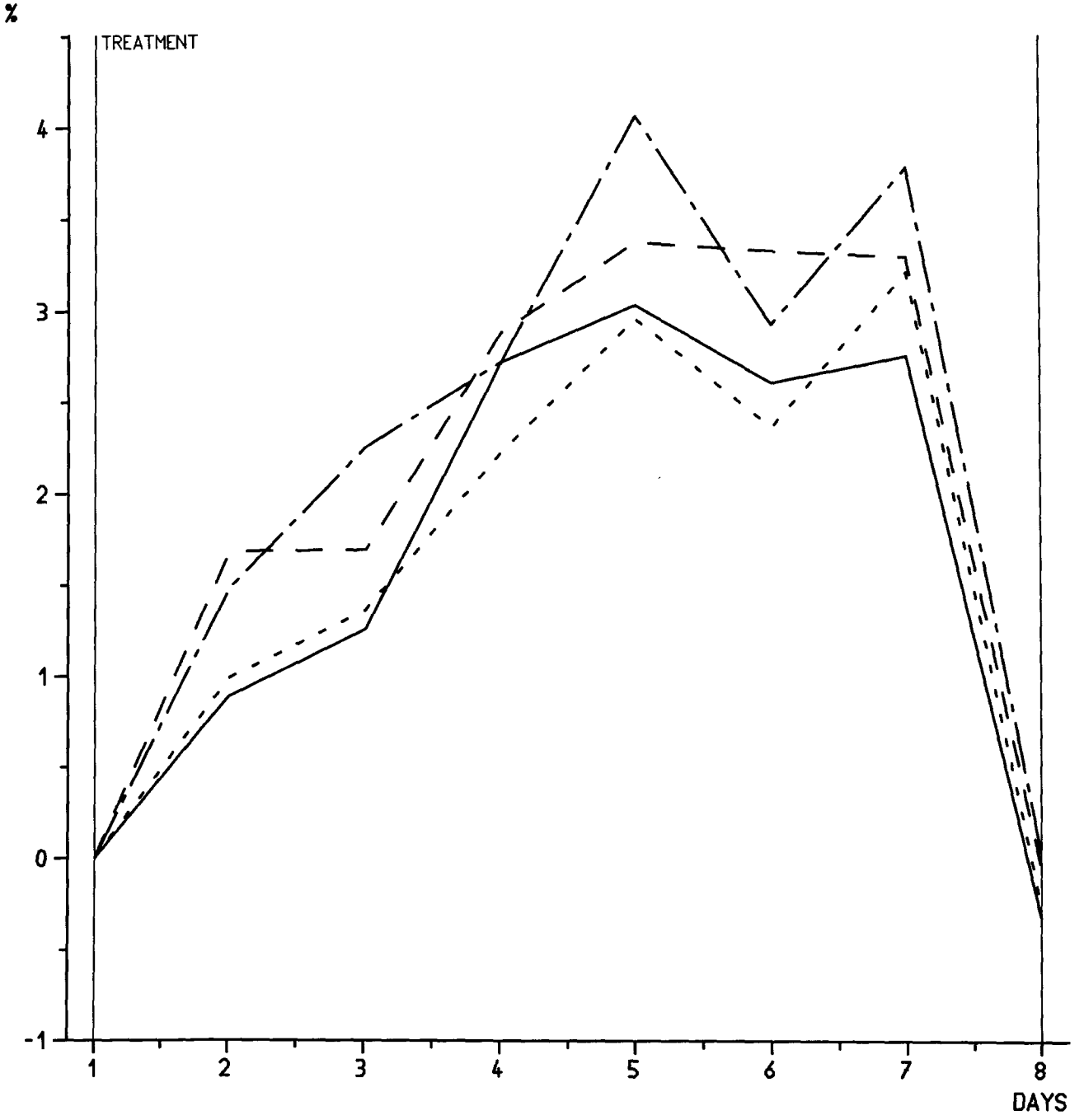
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	367	372	364	360
		ST.DEV.	15.7	23.4	20.0	11.6
		N	10	10	10	9
DAY	2	MEAN	370	375	371	366
		ST.DEV.	15.0	24.4	21.2	12.1
		N	10	10	10	9
DAY	3	MEAN	372	377	371	368
		ST.DEV.	16.0	24.3	22.2	10.6
		N	10	10	10	9
DAY	4	MEAN	377	380	375	370
		ST.DEV.	16.7	23.1	22.4	12.6
		N	10	10	10	9
DAY	5	MEAN	378	383	377	375
		ST.DEV.	17.0	26.2	22.3	12.4
		N	10	10	10	9
DAY	6	MEAN	377	381	377	371
		ST.DEV.	19.1	24.9	23.2	12.7
		N	10	10	10	9
DAY	7	MEAN	377	384	377	374
		ST.DEV.	18.7	26.4	24.2	12.3
		N	10	10	10	9
DAY	8	MEAN	366	371	364	360
		ST.DEV.	17.9	24.3	22.0	11.9
		N	10	10	10	9

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 1
13-APR-05

BODY WEIGHT GAIN OF MALES
REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 1
13-APR-05

BODY WEIGHT GAIN (%) OF MALES SUMMARY REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

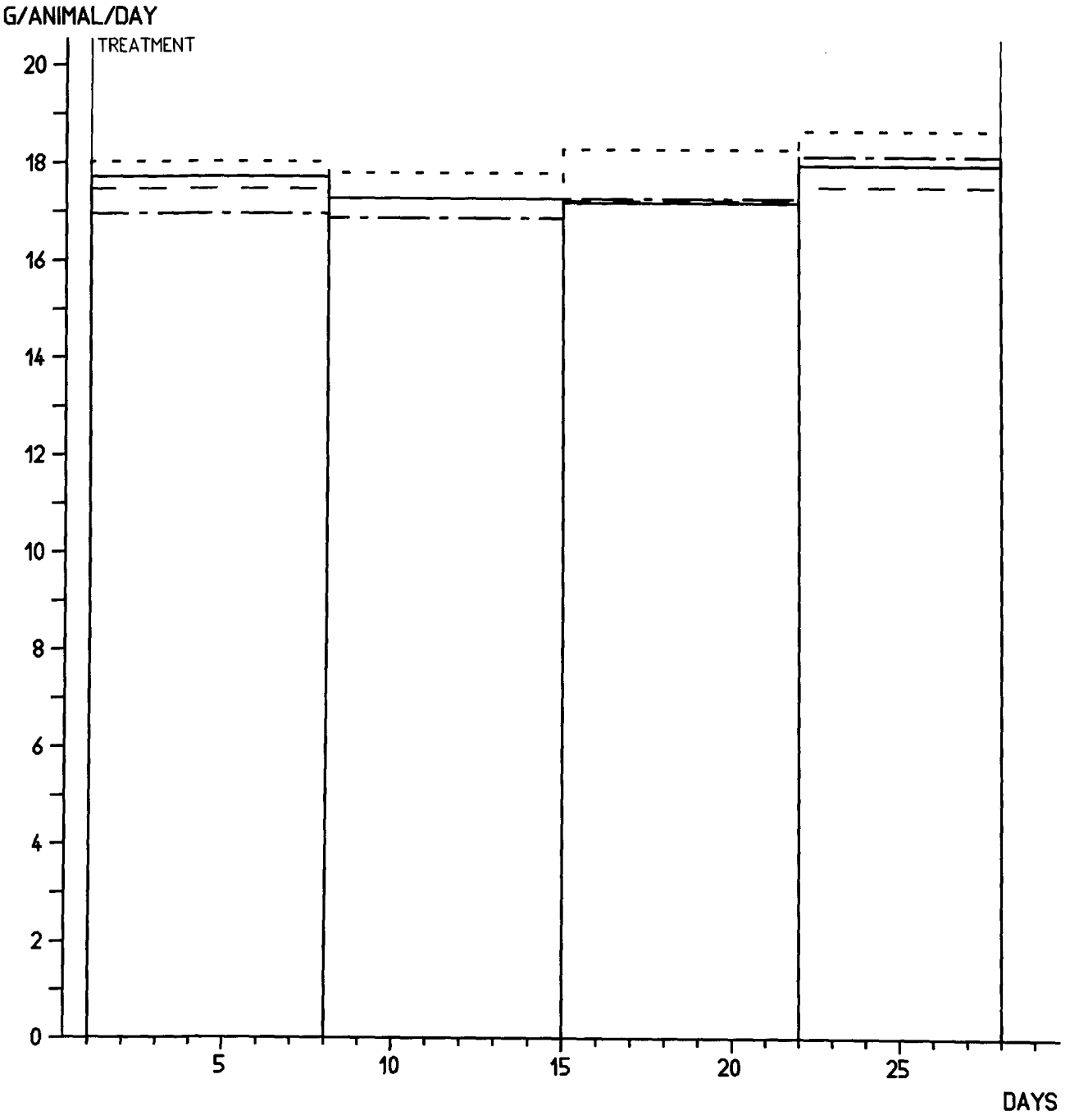
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	0	0	0	0
		ST.DEV.	0.0	0.0	0.0	0.0
		N	10	10	10	9
DAY	2	MEAN	1	1	2 *	1
		ST.DEV.	0.4	0.7	1.0	0.6
		N	10	10	10	9
DAY	3	MEAN	1	1	2	2 *
		ST.DEV.	0.5	0.3	1.0	0.9
		N	10	10	10	9
DAY	4	MEAN	3	2	3	3
		ST.DEV.	0.6	0.7	1.2	1.9
		N	10	10	10	9
DAY	5	MEAN	3	3	3	4
		ST.DEV.	0.5	1.0	1.1	1.3
		N	10	10	10	9
DAY	6	MEAN	3	2	3	3
		ST.DEV.	1.2	0.9	1.4	1.5
		N	10	10	10	9
DAY	7	MEAN	3	3	3	4
		ST.DEV.	1.0	1.1	1.5	1.7
		N	10	10	10	9
DAY	8	MEAN	0	0	0	0
		ST.DEV.	1.0	0.9	1.5	1.3
		N	10	10	10	9

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SPLT - 1
13-APR-05

FOOD CONSUMPTION OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG) (Value(s) excluded)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SUM - 1
13-APR-05

FOOD CONSUMPTION OF FEMALES SUMMARY (G/ANIMAL/DAY) TOXICITY GROUPS - TREATMENT PERIOD

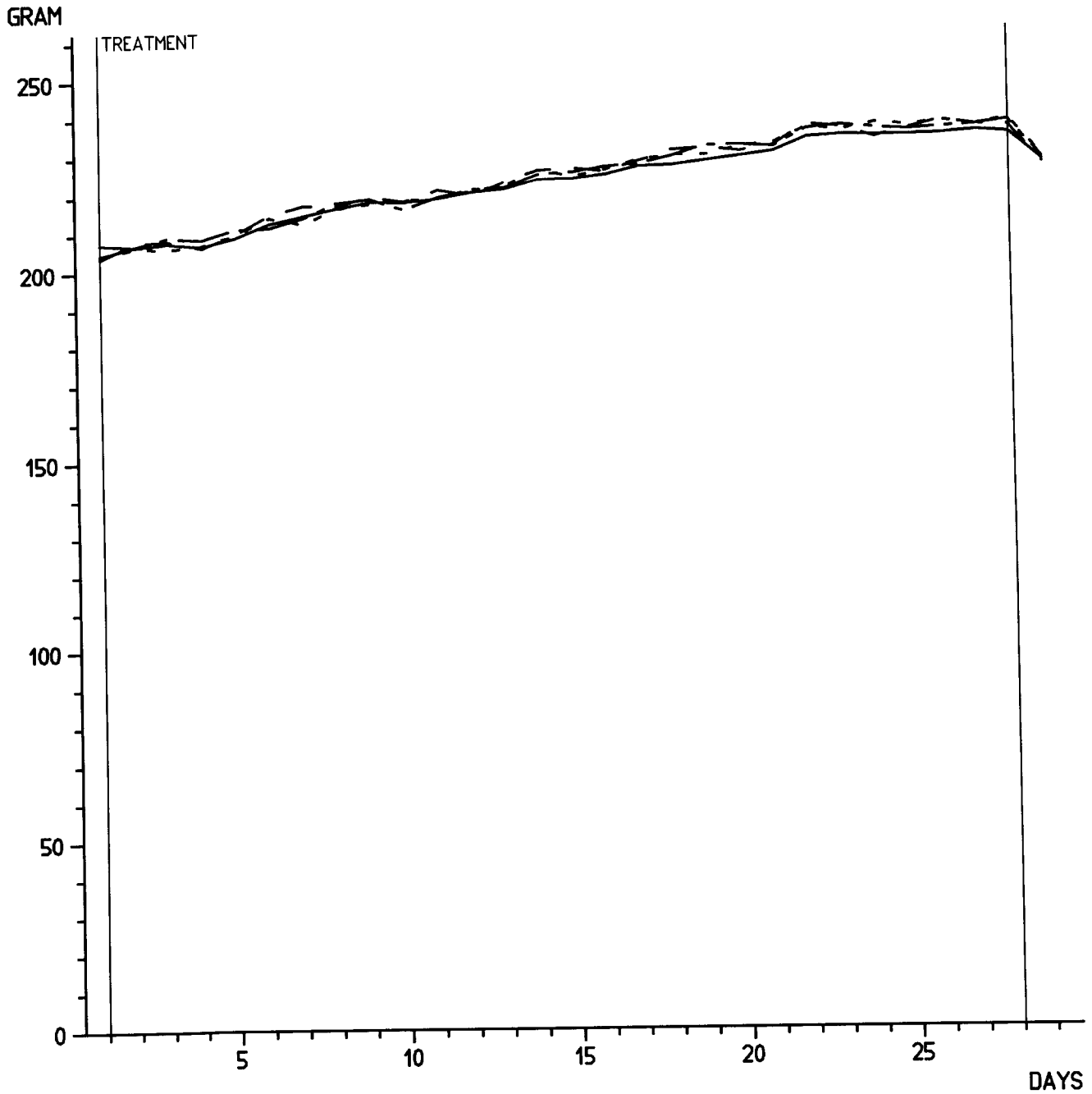
		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAYS 1-8	MEAN	17.7	18.0	17.5	16.9
	ST.DEV.	1.9	2.7	1.4	2.5
	N	10	10	9	10
DAYS 8-15	MEAN	17.3	17.8	17.3	16.9
	ST.DEV.	1.5	1.3	2.3	1.7
	N	10	10	9	10
DAYS 15-22	MEAN	17.2	18.3	17.2	17.3
	ST.DEV.	1.8	1.2	2.0	1.1
	N	10	10	9	10
DAYS 22-28	MEAN	17.9	18.7	17.5	18.1
	ST.DEV.	1.8	1.7	2.2	0.8
	N	10	10	9	10
MEAN OF MEANS		17.5	18.2	17.4	17.3

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 1
13-APR-05

BODY WEIGHTS OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD



——————— GROUP 1 (0 MG/KG)
- - - - - - - - GROUP 2 (100 MG/KG)
— — — — GROUP 3 (500 MG/KG) (Value(s) excluded)
——— - ——— - — GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 1
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES SUMMARY TOXICITY GROUPS - TREATMENT PERIOD

			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	205	204	204	208
		ST.DEV.	13.8	8.7	13.0	11.4
		N	10	10	9	10
DAY	2	MEAN	207	207	208	207
		ST.DEV.	11.6	8.8	13.1	10.8
		N	10	10	9	10
DAY	3	MEAN	208	206	208	209
		ST.DEV.	10.5	9.2	12.4	11.3
		N	10	10	9	10
DAY	4	MEAN	207	207	206	208
		ST.DEV.	12.2	10.5	11.1	12.3
		N	10	10	9	10
DAY	5	MEAN	209	210	210	211
		ST.DEV.	13.1	9.1	13.9	12.0
		N	10	10	9	10
DAY	6	MEAN	213	214	215	211
		ST.DEV.	12.0	8.3	12.6	14.9
		N	10	10	9	10
DAY	7	MEAN	215	212	217	214
		ST.DEV.	11.6	9.0	12.5	16.7
		N	10	10	9	10
DAY	8	MEAN	216	216	217	218
		ST.DEV.	13.4	10.4	12.7	15.7
		N	10	10	9	10
DAY	9	MEAN	218	217	219	219
		ST.DEV.	14.4	8.7	13.8	17.0
		N	10	10	9	10
DAY	10	MEAN	218	218	218	216
		ST.DEV.	12.8	8.1	14.9	13.1
		N	10	10	9	10
DAY	11	MEAN	219	219	221	219
		ST.DEV.	12.8	8.2	13.8	13.2
		N	10	10	9	10
DAY	12	MEAN	220	221	220	221
		ST.DEV.	14.6	9.8	12.5	14.2
		N	10	10	9	10
DAY	13	MEAN	221	222	223	222
		ST.DEV.	15.6	8.5	15.3	15.3
		N	10	10	9	10
DAY	14	MEAN	223	226	226	225
		ST.DEV.	13.7	6.9	14.8	13.3
		N	10	10	9	10
DAY	15	MEAN	224	224	226	225
		ST.DEV.	13.4	8.8	15.2	13.5
		N	10	10	9	10
DAY	16	MEAN	225	226	226	227
		ST.DEV.	14.5	9.2	13.8	13.2
		N	10	10	9	10
DAY	17	MEAN	227	228	228	227
		ST.DEV.	15.1	8.2	15.9	14.9
		N	10	10	9	10

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 2
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES SUMMARY TOXICITY GROUPS - TREATMENT PERIOD

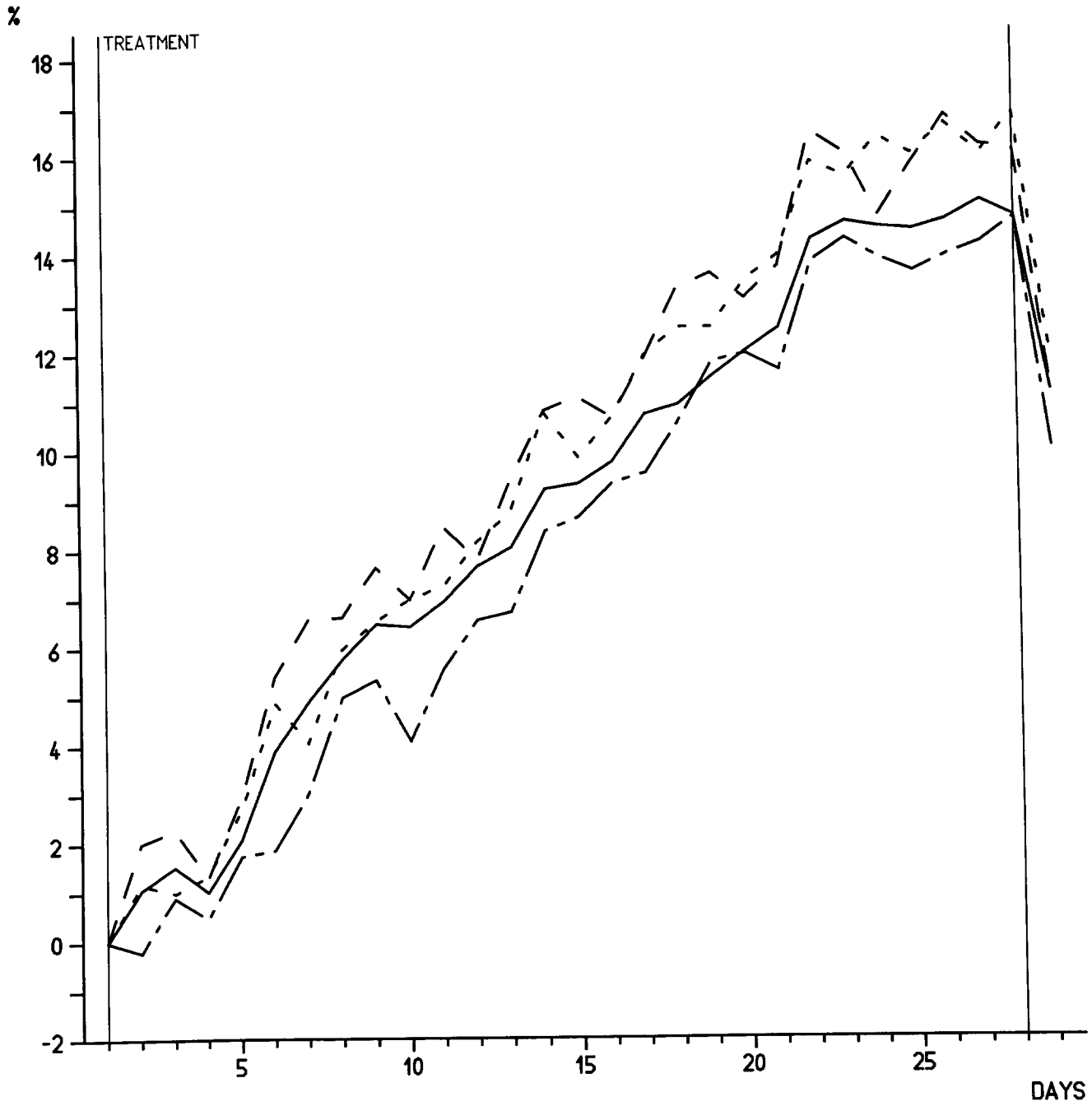
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	18	MEAN	227	230	231	229
		ST.DEV.	14.5	8.0	14.6	12.6
		N	10	10	9	10
DAY	19	MEAN	228	230	232	232
		ST.DEV.	13.7	8.2	16.1	13.4
		N	10	10	9	10
DAY	20	MEAN	229	232	230	232
		ST.DEV.	15.6	10.9	14.6	12.8
		N	10	10	9	10
DAY	21	MEAN	230	233	232	232
		ST.DEV.	15.6	8.6	16.6	14.5
		N	10	10	9	10
DAY	22	MEAN	234	236	237	236
		ST.DEV.	14.5	8.2	16.4	14.1
		N	10	10	9	10
DAY	23	MEAN	234	236	236	237
		ST.DEV.	13.7	9.3	15.7	12.6
		N	10	10	9	10
DAY	24	MEAN	234	238	234	236
		ST.DEV.	14.8	11.3	15.2	12.6
		N	10	10	9	10
DAY	25	MEAN	234	237	236	236
		ST.DEV.	15.6	9.7	16.8	14.4
		N	10	10	9	10
DAY	26	MEAN	235	238	238	236
		ST.DEV.	14.5	8.9	16.9	11.0
		N	10	10	9	10
DAY	27	MEAN	235	237	237	237
		ST.DEV.	13.0	8.5	16.1	11.9
		N	10	10	9	10
DAY	28	MEAN	235	239	237	238
		ST.DEV.	14.7	10.9	14.2	13.1
		N	10	10	9	10
DAY	29	MEAN	228	229	227	228
		ST.DEV.	14.4	9.1	15.6	15.6
		N	10	10	9	10

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 1
13-APR-05

BODY WEIGHT GAIN OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG) (Value(s) excluded)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 1
13-APR-05

BODY WEIGHT GAIN (%) OF FEMALES SUMMARY TOXICITY GROUPS - TREATMENT PERIOD

			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	0	0	0	0
		ST.DEV.	0.0	0.0	0.0	0.0
		N	10	10	9	10
DAY	2	MEAN	1	1	2	0
		ST.DEV.	2.0	1.4	0.9	2.1
		N	10	10	9	10
DAY	3	MEAN	2	1	2	1
		ST.DEV.	2.7	2.6	1.9	2.5
		N	10	10	9	10
DAY	4	MEAN	1	1	1	0
		ST.DEV.	2.8	1.9	1.4	2.1
		N	10	10	9	10
DAY	5	MEAN	2	3	3	2
		ST.DEV.	1.2	0.6	0.8	2.2
		N	10	10	9	10
DAY	6	MEAN	4	5	5	2
		ST.DEV.	1.6	1.2	1.5	3.9
		N	10	10	9	10
DAY	7	MEAN	5	4	7	3
		ST.DEV.	3.0	3.1	1.9	4.4
		N	10	10	9	10
DAY	8	MEAN	6	6	7	5
		ST.DEV.	2.8	2.1	2.0	3.3
		N	10	10	9	10
DAY	9	MEAN	6	7	8	5
		ST.DEV.	1.7	0.9	1.4	3.2
		N	10	10	9	10
DAY	10	MEAN	6	7	7	4 *
		ST.DEV.	1.8	2.2	2.1	2.3
		N	10	10	9	10
DAY	11	MEAN	7	7	8	6
		ST.DEV.	2.9	3.3	2.7	2.3
		N	10	10	9	10
DAY	12	MEAN	8	8	8	7
		ST.DEV.	2.8	2.6	2.2	2.0
		N	10	10	9	10
DAY	13	MEAN	8	9	9	7
		ST.DEV.	1.9	1.3	2.0	2.1
		N	10	10	9	10
DAY	14	MEAN	9	11	11	8
		ST.DEV.	2.5	2.3	1.9	2.5
		N	10	10	9	10
DAY	15	MEAN	9	10	11	9
		ST.DEV.	2.8	3.0	2.3	2.9
		N	10	10	9	10
DAY	16	MEAN	10	11	11	9
		ST.DEV.	3.1	2.6	1.8	2.2
		N	10	10	9	10
DAY	17	MEAN	11	12	12	10
		ST.DEV.	2.2	2.0	1.7	2.8
		N	10	10	9	10

Explanations for excluded data are listed in the tables of individual values
(*) Mann-Whitney U test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 2
13-APR-05

BODY WEIGHT GAIN (%) OF FEMALES SUMMARY TOXICITY GROUPS - TREATMENT PERIOD

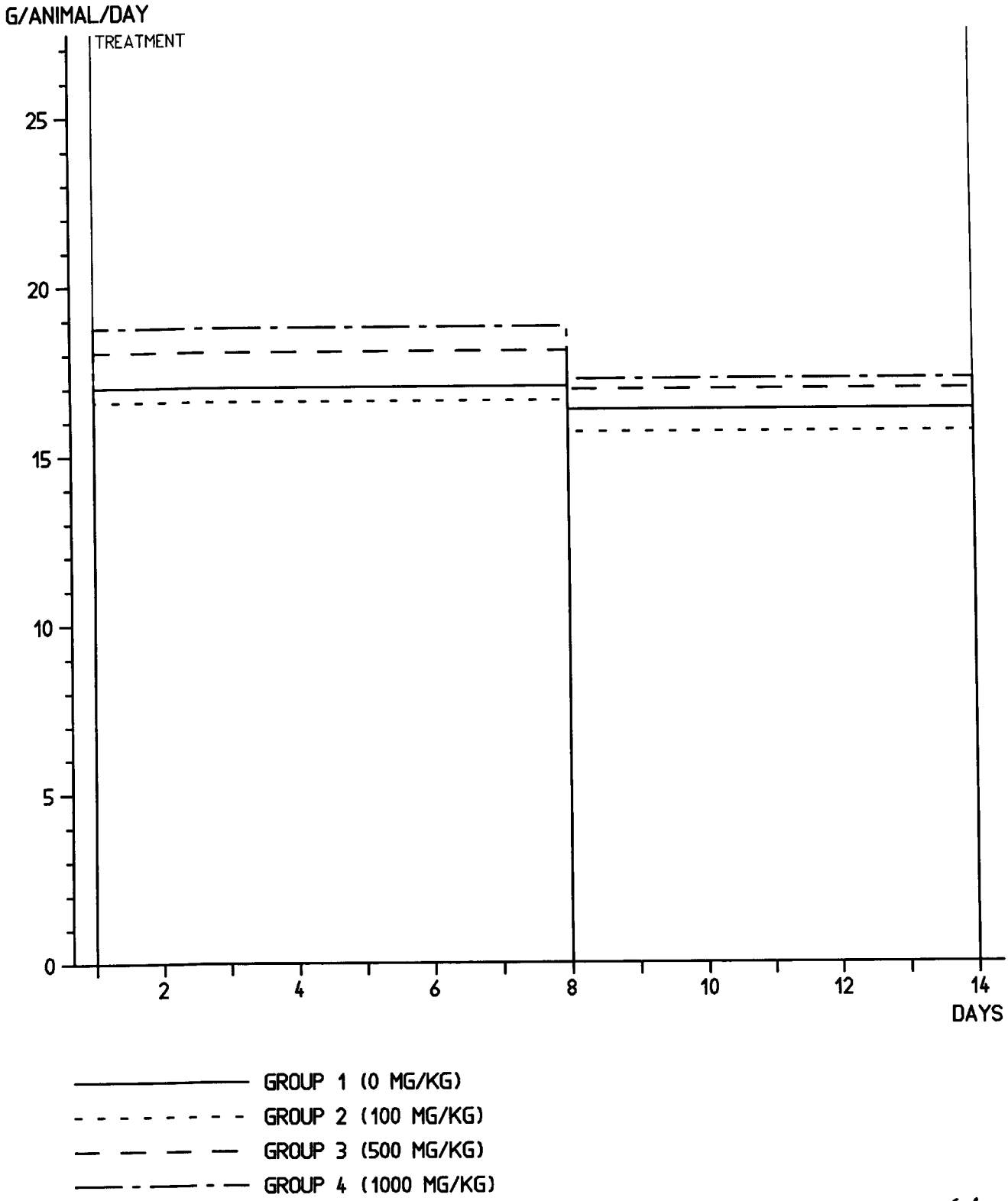
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	18	MEAN	11	12	13	11
		ST.DEV.	2.8	2.1	2.2	2.7
		N	10	10	9	10
DAY	19	MEAN	11	12	14	12
		ST.DEV.	3.2	2.6	2.6	3.1
		N	10	10	9	10
DAY	20	MEAN	12	13	13	12
		ST.DEV.	3.5	2.9	1.6	3.2
		N	10	10	9	10
DAY	21	MEAN	12	14	14	12
		ST.DEV.	2.4	1.8	2.3	2.9
		N	10	10	9	10
DAY	22	MEAN	14	16	16	14
		ST.DEV.	2.8	2.6	2.3	3.3
		N	10	10	9	10
DAY	23	MEAN	15	16	16	14
		ST.DEV.	3.5	3.4	2.4	3.3
		N	10	10	9	10
DAY	24	MEAN	15	16	15	14
		ST.DEV.	3.1	2.7	2.9	2.8
		N	10	10	9	10
DAY	25	MEAN	14	16	16	14
		ST.DEV.	2.4	1.6	2.1	2.7
		N	10	10	9	10
DAY	26	MEAN	15	17	17	14
		ST.DEV.	3.1	2.6	2.5	3.1
		N	10	10	9	10
DAY	27	MEAN	15	16	16	14
		ST.DEV.	3.2	3.0	2.3	3.4
		N	10	10	9	10
DAY	28	MEAN	15	17	16	15
		ST.DEV.	3.4	2.6	2.2	3.0
		N	10	10	9	10
DAY	29	MEAN	11	12	11	10
		ST.DEV.	2.7	2.2	1.8	4.2
		N	10	10	9	10

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SPLT - 2
13-APR-05

FOOD CONSUMPTION OF FEMALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD



RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SUM - 2
13-APR-05

FOOD CONSUMPTION OF FEMALES SUMMARY (G/ANIMAL/DAY) REPRODUCTIVE GROUPS - PREPAIRING PERIOD

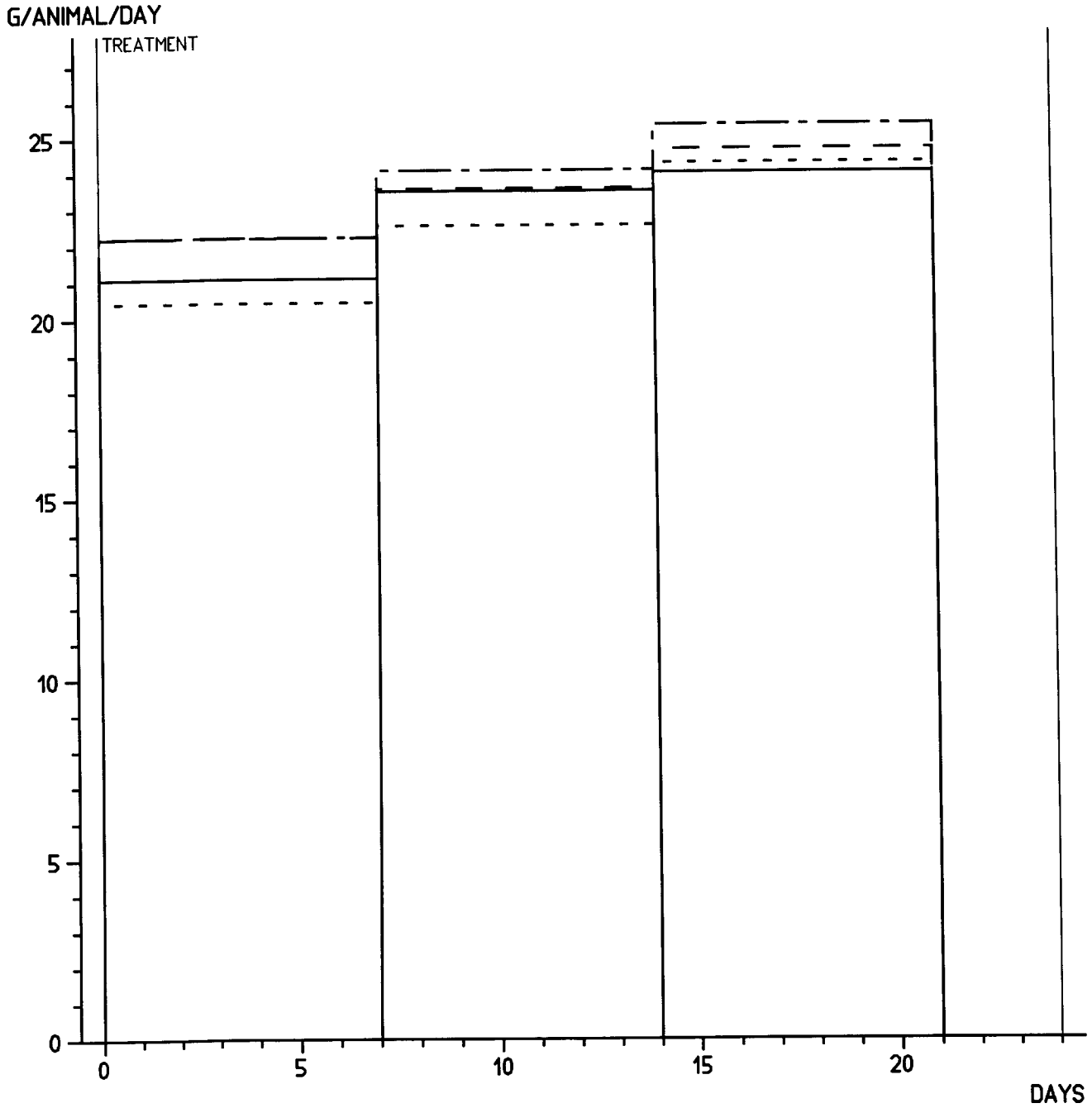
		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAYS 1-8	MEAN	17.0	16.6	18.1	18.8
	ST.DEV.	1.4	2.2	1.0	3.1
	N	10	10	10	10
DAYS 8-14	MEAN	16.3	15.6	16.9	17.2
	ST.DEV.	1.1	2.2	1.2	2.4
	N	10	10	10	10
MEAN OF MEANS		16.7	16.1	17.5	18.0

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SPLT - 1
13-APR-05

FOOD CONSUMPTION OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG) (Value(s) excluded)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SUM - 1
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS SUMMARY REPRODUCTIVE GROUPS - GESTATION PERIOD

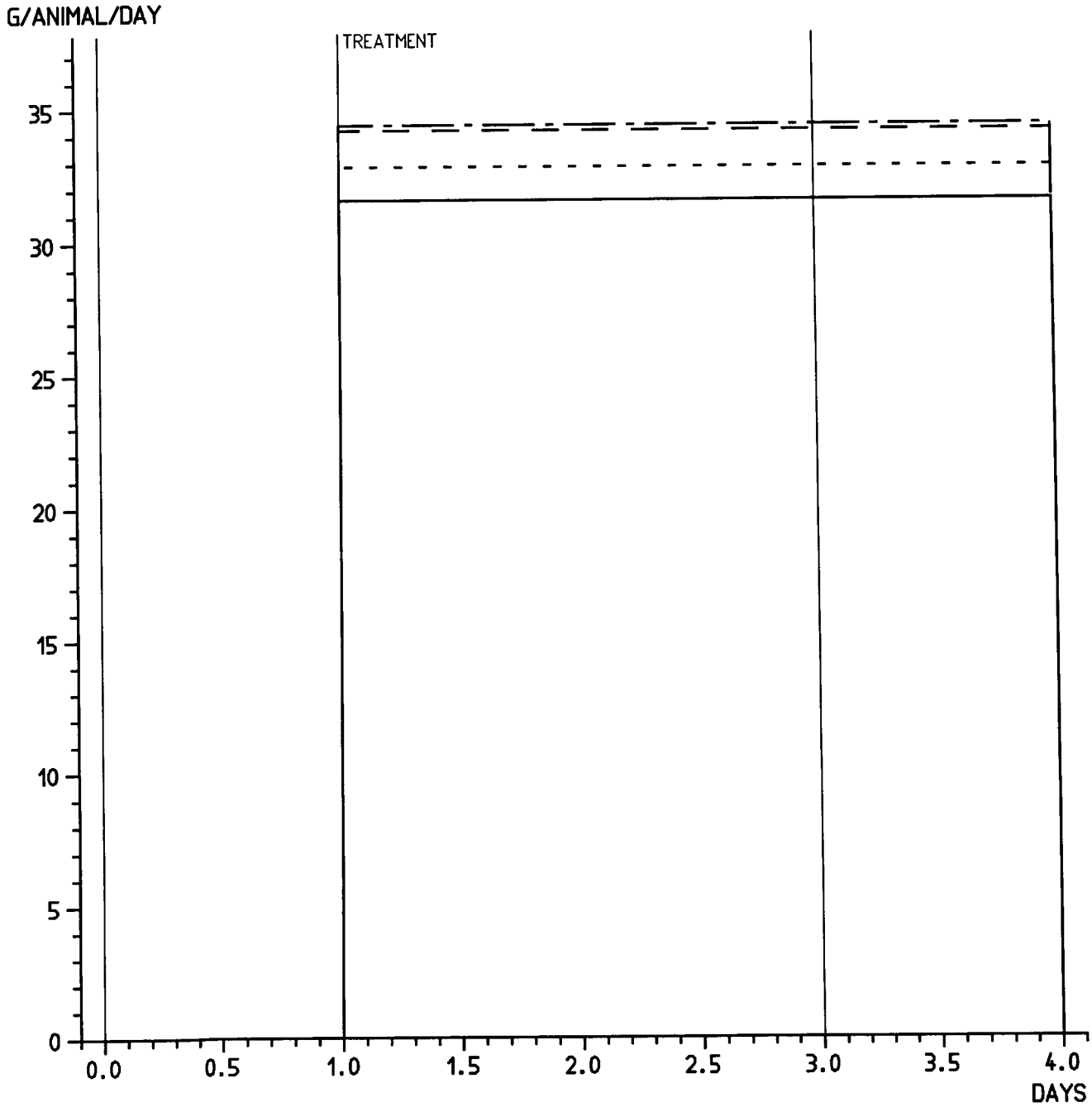
		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAYS 0-7	MEAN	21.1	20.4	22.2	22.2
	ST.DEV.	1.3	1.8	1.4	2.3
	N	10	10	10	9
DAYS 7-14	MEAN	23.5	22.5	23.6	24.1
	ST.DEV.	1.7	2.2	1.5	2.7
	N	10	10	10	9
DAYS 14-21	MEAN	24.0	24.3	24.6	25.3
	ST.DEV.	1.9	2.4	1.4	2.0
	N	10	10	10	9
MEAN OF MEANS		22.9	22.4	23.5	23.9

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SPLT - 1
13-APR-05

FOOD CONSUMPTION OF DAMS
REPRODUCTIVE GROUPS - LACTATION PERIOD



RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-SUM - 1
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS SUMMARY REPRODUCTIVE GROUPS - LACTATION PERIOD

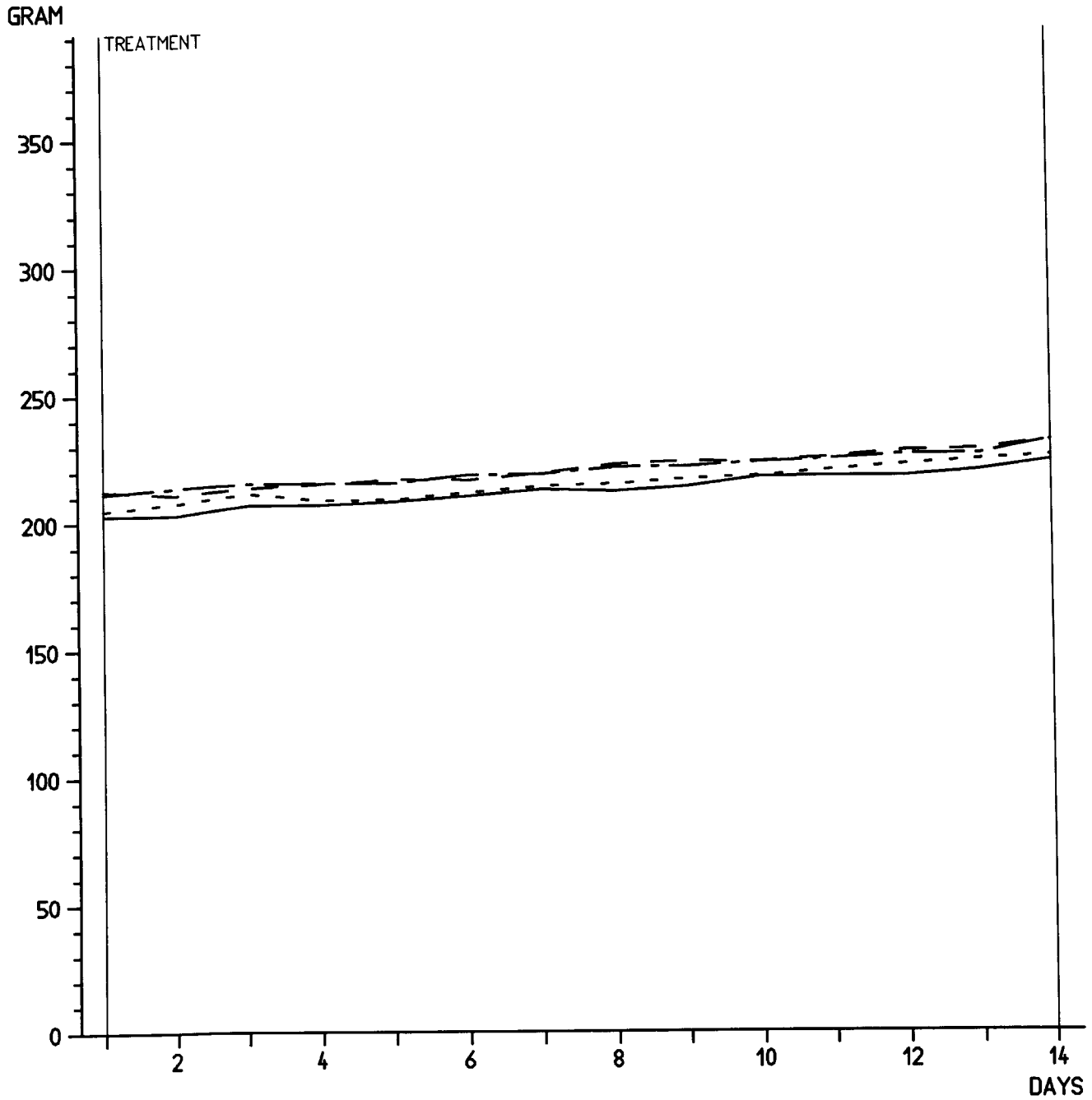
		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAYS 1-4	MEAN	31.6	32.8	34.2	34.4
	ST.DEV.	4.8	6.3	3.9	5.6
	N	10	10	10	9

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 2
13-APR-05

BODY WEIGHTS OF FEMALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 2
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES SUMMARY REPRODUCTIVE GROUPS - PREPAIRING PERIOD

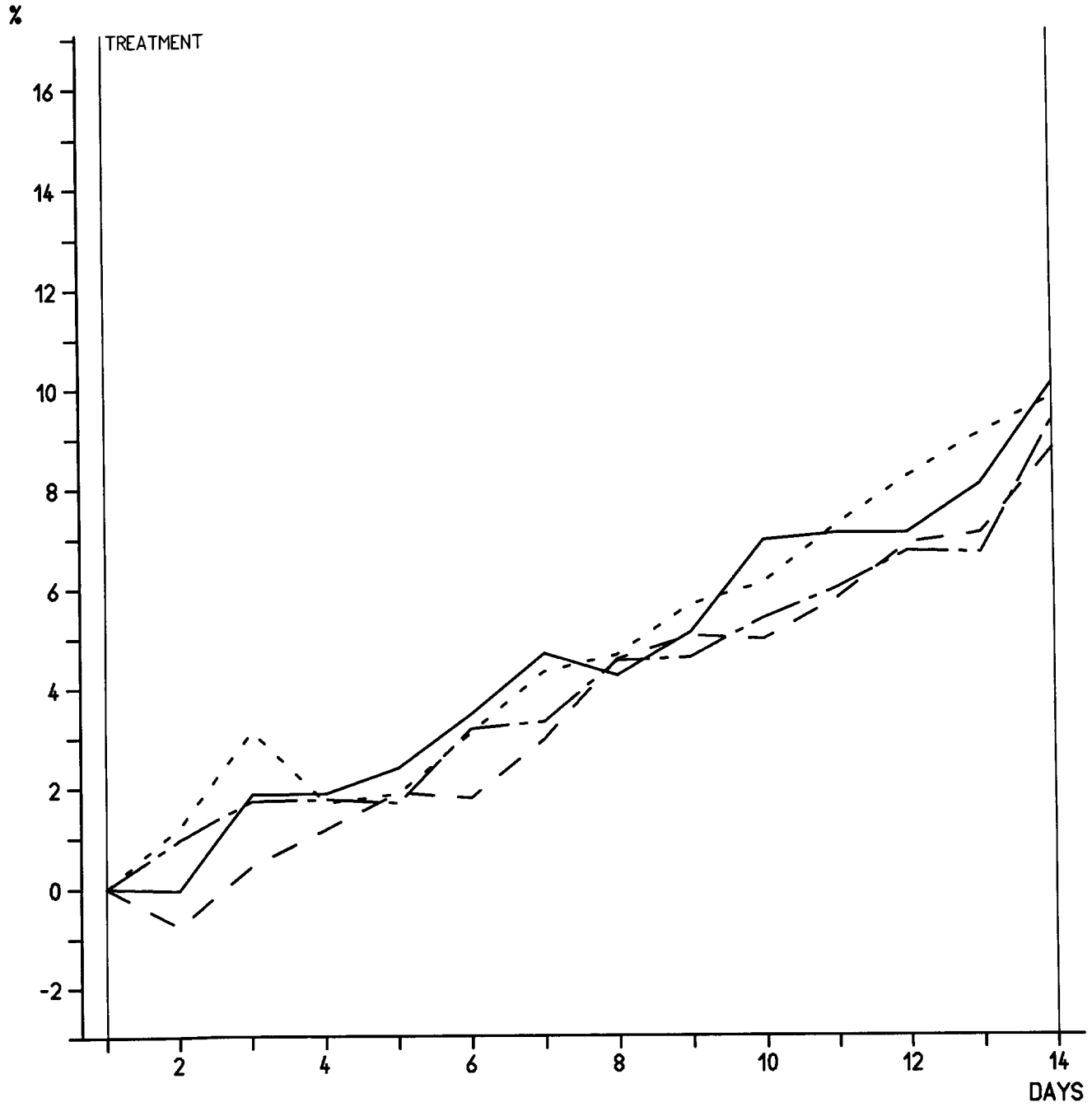
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	203	205	213	211
		ST.DEV.	14.2	18.2	11.5	12.7
		N	10	10	10	10
DAY	2	MEAN	203	207	211	213
		ST.DEV.	13.8	20.0	11.7	12.6
		N	10	10	10	10
DAY	3	MEAN	207	211	213	215
		ST.DEV.	15.1	17.8	10.4	12.9
		N	10	10	10	10
DAY	4	MEAN	207	208	215	215
		ST.DEV.	14.3	19.4	9.4	10.7
		N	10	10	10	10
DAY	5	MEAN	208	209	216	215
		ST.DEV.	14.5	18.3	9.6	11.7
		N	10	10	10	10
DAY	6	MEAN	210	211	216	218
		ST.DEV.	14.2	20.6	9.1	12.2
		N	10	10	10	10
DAY	7	MEAN	212	214	219	218
		ST.DEV.	14.7	20.5	10.4	13.5
		N	10	10	10	10
DAY	8	MEAN	211	214	222	221
		ST.DEV.	15.2	19.4	9.7	12.2
		N	10	10	10	10
DAY	9	MEAN	213	216	223	221
		ST.DEV.	15.2	18.1	11.3	12.6
		N	10	10	10	10
DAY	10	MEAN	217	217	223	223
		ST.DEV.	15.5	19.3	10.4	12.1
		N	10	10	10	10
DAY	11	MEAN	217	220	225	224
		ST.DEV.	15.5	19.2	11.0	12.8
		N	10	10	10	10
DAY	12	MEAN	217	222	227	226
		ST.DEV.	14.7	20.9	9.0	13.1
		N	10	10	10	10
DAY	13	MEAN	219	223	227	225
		ST.DEV.	14.7	20.2	10.1	13.4
		N	10	10	10	10
DAY	14	MEAN	223	225	231	231
		ST.DEV.	13.9	20.4	10.1	13.0
		N	10	10	10	10

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 2
13-APR-05

BODY WEIGHT GAIN OF FEMALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 2
13-APR-05

BODY WEIGHT GAIN (%) OF FEMALES SUMMARY REPRODUCTIVE GROUPS - PREPAIRING PERIOD

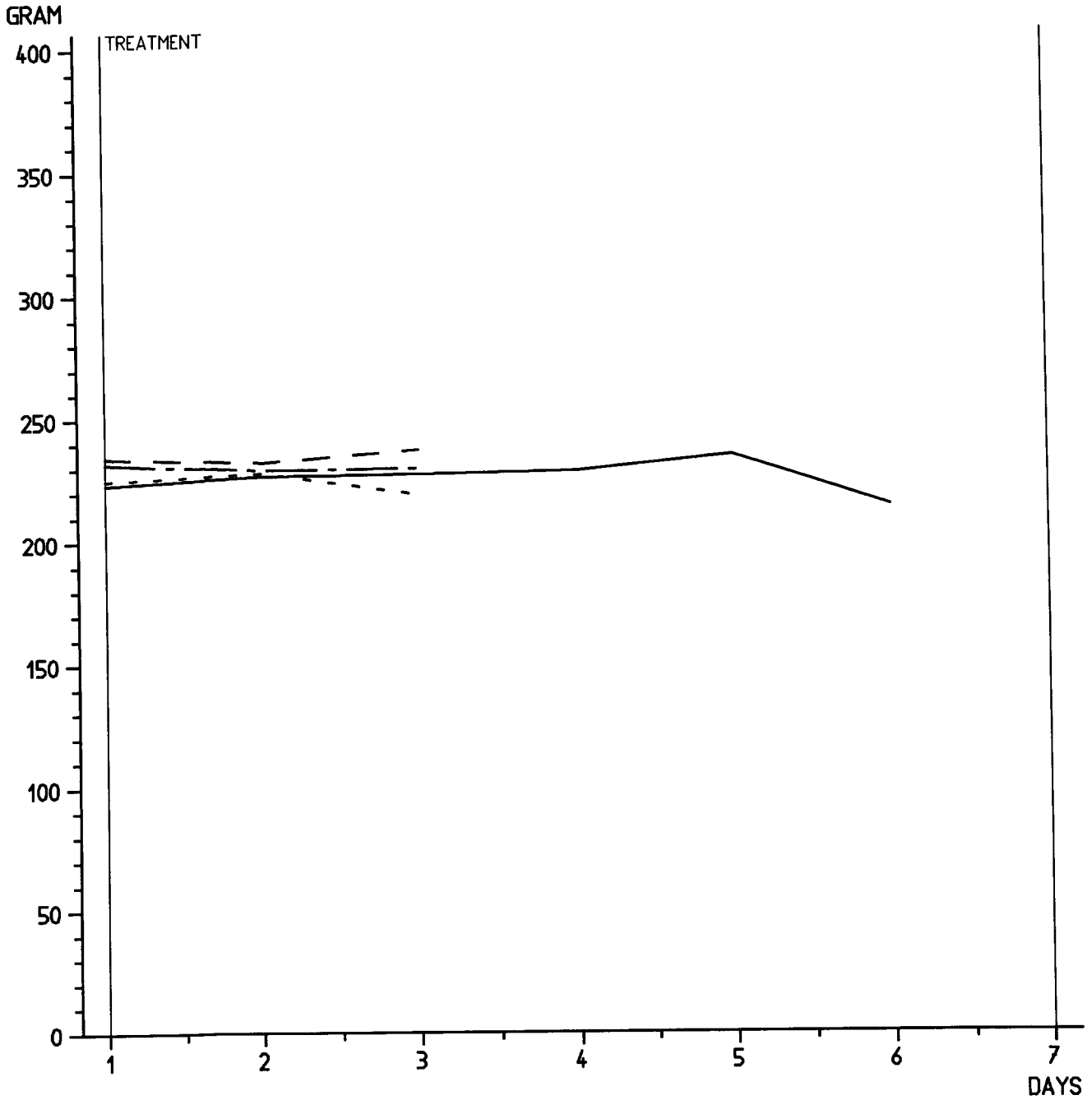
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	0	0	0	0
		ST.DEV.	0.0	0.0	0.0	0.0
		N	10	10	10	10
DAY	2	MEAN	0	1	-1	1
		ST.DEV.	2.7	1.6	4.1	1.5
		N	10	10	10	10
DAY	3	MEAN	2	3	0	2
		ST.DEV.	2.4	4.2	2.8	4.2
		N	10	10	10	10
DAY	4	MEAN	2	2	1	2
		ST.DEV.	3.0	2.4	2.4	2.0
		N	10	10	10	10
DAY	5	MEAN	2	2	2	2
		ST.DEV.	1.5	1.6	2.5	1.6
		N	10	10	10	10
DAY	6	MEAN	3	3	2	3
		ST.DEV.	2.4	2.5	3.5	2.5
		N	10	10	10	10
DAY	7	MEAN	5	4	3	3
		ST.DEV.	2.2	3.6	3.6	3.7
		N	10	10	10	10
DAY	8	MEAN	4	5	5	5
		ST.DEV.	2.8	2.2	3.1	3.1
		N	10	10	10	10
DAY	9	MEAN	5	6	5	5
		ST.DEV.	1.4	1.9	2.9	1.8
		N	10	10	10	10
DAY	10	MEAN	7	6	5	5
		ST.DEV.	2.3	2.4	3.8	3.2
		N	10	10	10	10
DAY	11	MEAN	7	7	6	6
		ST.DEV.	2.3	2.8	3.7	3.9
		N	10	10	10	10
DAY	12	MEAN	7	8	7	7
		ST.DEV.	3.1	3.2	3.0	3.0
		N	10	10	10	10
DAY	13	MEAN	8	9	7	7
		ST.DEV.	2.0	2.4	2.8	3.0
		N	10	10	10	10
DAY	14	MEAN	10	10	9	9
		ST.DEV.	3.0	2.0	4.2	3.5
		N	10	10	10	10

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 2
13-APR-05

BODY WEIGHTS OF FEMALES
REPRODUCTIVE GROUPS - PAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 2
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES SUMMARY REPRODUCTIVE GROUPS - PAIRING PERIOD

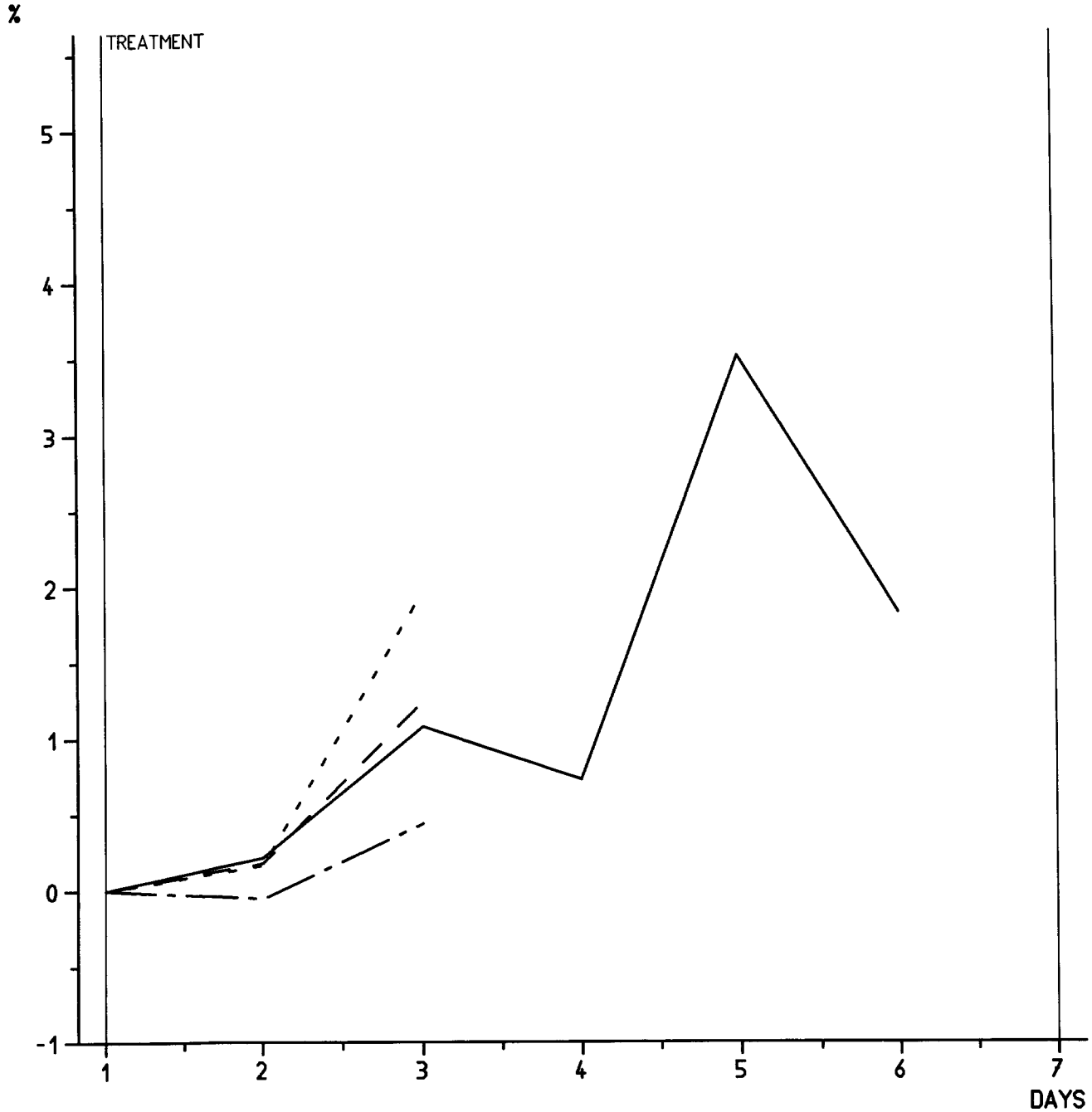
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	223	225	234	232
		ST.DEV.	14.6	21.8	9.0	14.2
		N	10	7	7	7
DAY	2	MEAN	226	228	232	229
		ST.DEV.	14.0	21.7	8.0	14.1
		N	8	5	5	6
DAY	3	MEAN	227	219	237	230
		ST.DEV.	17.3	21.7	5.3	---
		N	7	3	4	1
DAY	4	MEAN	228	---	---	---
		ST.DEV.	26.3	---	---	---
		N	3	0	0	0
DAY	5	MEAN	234	---	---	---
		ST.DEV.	26.3	---	---	---
		N	3	0	0	0
DAY	6	MEAN	214	---	---	---
		ST.DEV.	---	---	---	---
		N	1	0	0	0
DAY	7	MEAN	---	---	---	---
		ST.DEV.	---	---	---	---
		N	0	0	0	0

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 2
13-APR-05

BODY WEIGHT GAIN OF FEMALES
REPRODUCTIVE GROUPS - PAIRING PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 2
13-APR-05

BODY WEIGHT GAIN (%) OF FEMALES SUMMARY REPRODUCTIVE GROUPS - PAIRING PERIOD

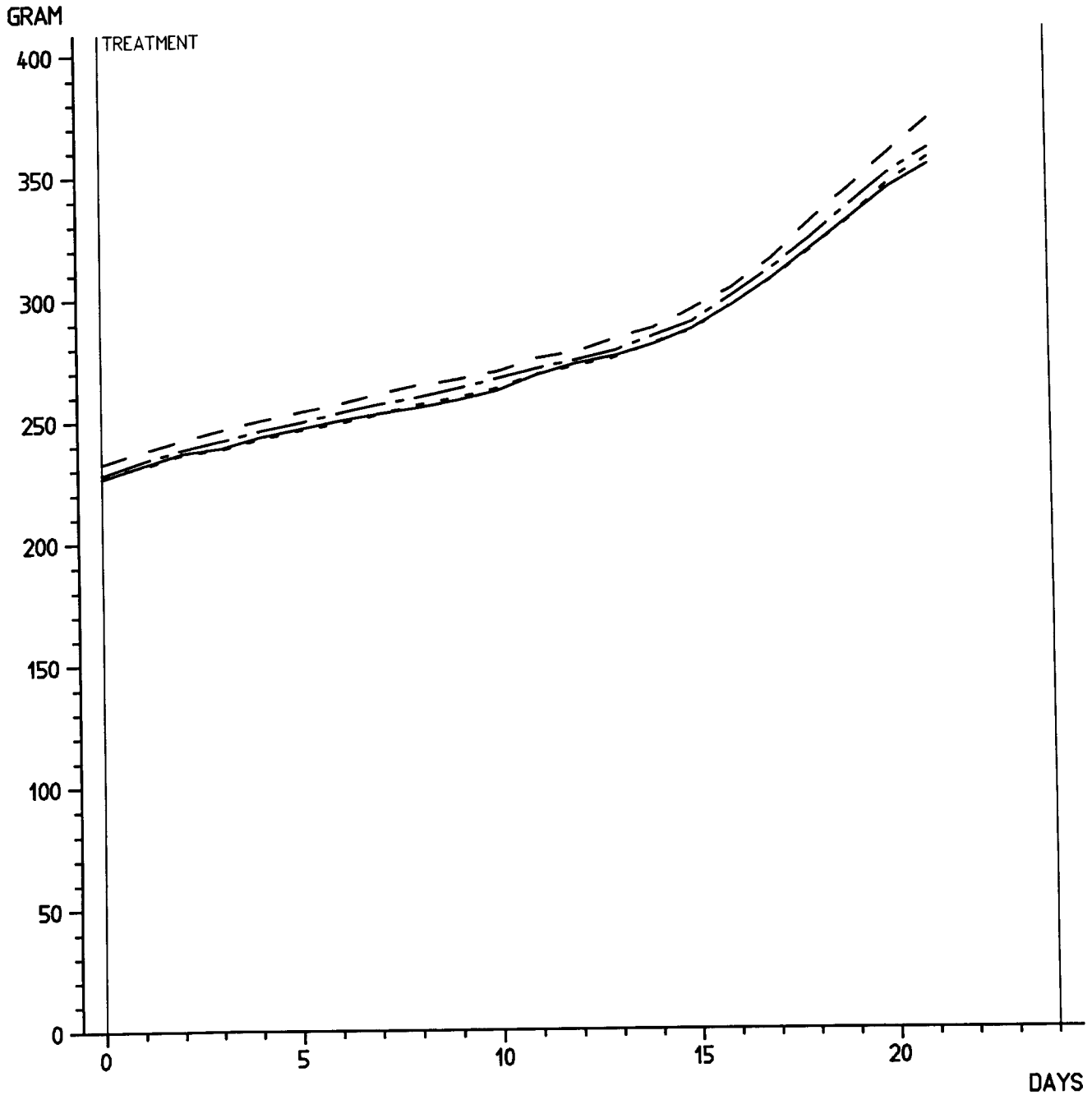
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	0	0	0	0
		ST.DEV.	0.0	0.0	0.0	0.0
		N	10	7	7	7
DAY	2	MEAN	0	0	0	0
		ST.DEV.	1.2	1.8	0.4	0.8
		N	8	5	5	6
DAY	3	MEAN	1	2	1	0
		ST.DEV.	1.7	1.1	1.0	---
		N	7	3	4	1
DAY	4	MEAN	1	---	---	---
		ST.DEV.	1.7	---	---	---
		N	3	0	0	0
DAY	5	MEAN	4	---	---	---
		ST.DEV.	1.1	---	---	---
		N	3	0	0	0
DAY	6	MEAN	2	---	---	---
		ST.DEV.	---	---	---	---
		N	1	0	0	0
DAY	7	MEAN	---	---	---	---
		ST.DEV.	---	---	---	---
		N	0	0	0	0

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 1
13-APR-05

BODY WEIGHTS OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD



——————— GROUP 1 (0 MG/KG)
- - - - - - - - GROUP 2 (100 MG/KG)
— — — — GROUP 3 (500 MG/KG)
——— - ——— - — GROUP 4 (1000 MG/KG) (Value(s) excluded)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 1
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS SUMMARY REPRODUCTIVE GROUPS - GESTATION PERIOD

			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	0	MEAN	227	228	233	228
		ST.DEV.	16.6	19.5	10.4	12.0
		N	10	10	10	9
DAY	1	MEAN	232	231	238	234
		ST.DEV.	17.0	20.1	11.5	11.1
		N	10	10	10	9
DAY	2	MEAN	237	236	242	238
		ST.DEV.	16.4	20.3	10.9	12.1
		N	10	10	10	9
DAY	3	MEAN	239	238	246	242
		ST.DEV.	17.7	21.8	11.1	13.5
		N	10	10	10	9
DAY	4	MEAN	243	242	250	246
		ST.DEV.	17.3	21.8	11.4	12.8
		N	10	10	10	9
DAY	5	MEAN	246	246	253	249
		ST.DEV.	17.9	21.7	12.4	12.8
		N	10	10	10	9
DAY	6	MEAN	250	249	257	253
		ST.DEV.	15.9	23.2	11.5	14.0
		N	10	10	10	9
DAY	7	MEAN	253	252	261	256
		ST.DEV.	17.4	22.9	11.2	15.3
		N	10	10	10	9
DAY	8	MEAN	255	256	264	259
		ST.DEV.	18.3	22.7	12.3	17.2
		N	10	10	10	9
DAY	9	MEAN	258	259	266	263
		ST.DEV.	16.9	25.5	11.5	16.2
		N	10	10	10	9
DAY	10	MEAN	262	263	269	267
		ST.DEV.	18.2	25.2	11.7	18.4
		N	10	10	10	9
DAY	11	MEAN	268	268	275	270
		ST.DEV.	18.2	24.7	9.8	17.0
		N	10	10	10	9
DAY	12	MEAN	273	271	277	274
		ST.DEV.	19.8	24.7	12.0	16.4
		N	10	10	10	9
DAY	13	MEAN	275	275	282	278
		ST.DEV.	19.9	25.1	12.2	17.3
		N	10	10	10	9
DAY	14	MEAN	280	281	287	284
		ST.DEV.	19.7	24.4	12.7	15.6
		N	10	10	10	9
DAY	15	MEAN	287	286	294	289
		ST.DEV.	18.2	26.2	14.0	16.6
		N	10	10	10	9
DAY	16	MEAN	296	296	303	300
		ST.DEV.	19.0	26.1	12.4	18.5
		N	10	10	10	9

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 2
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS SUMMARY
REPRODUCTIVE GROUPS - GESTATION PERIOD

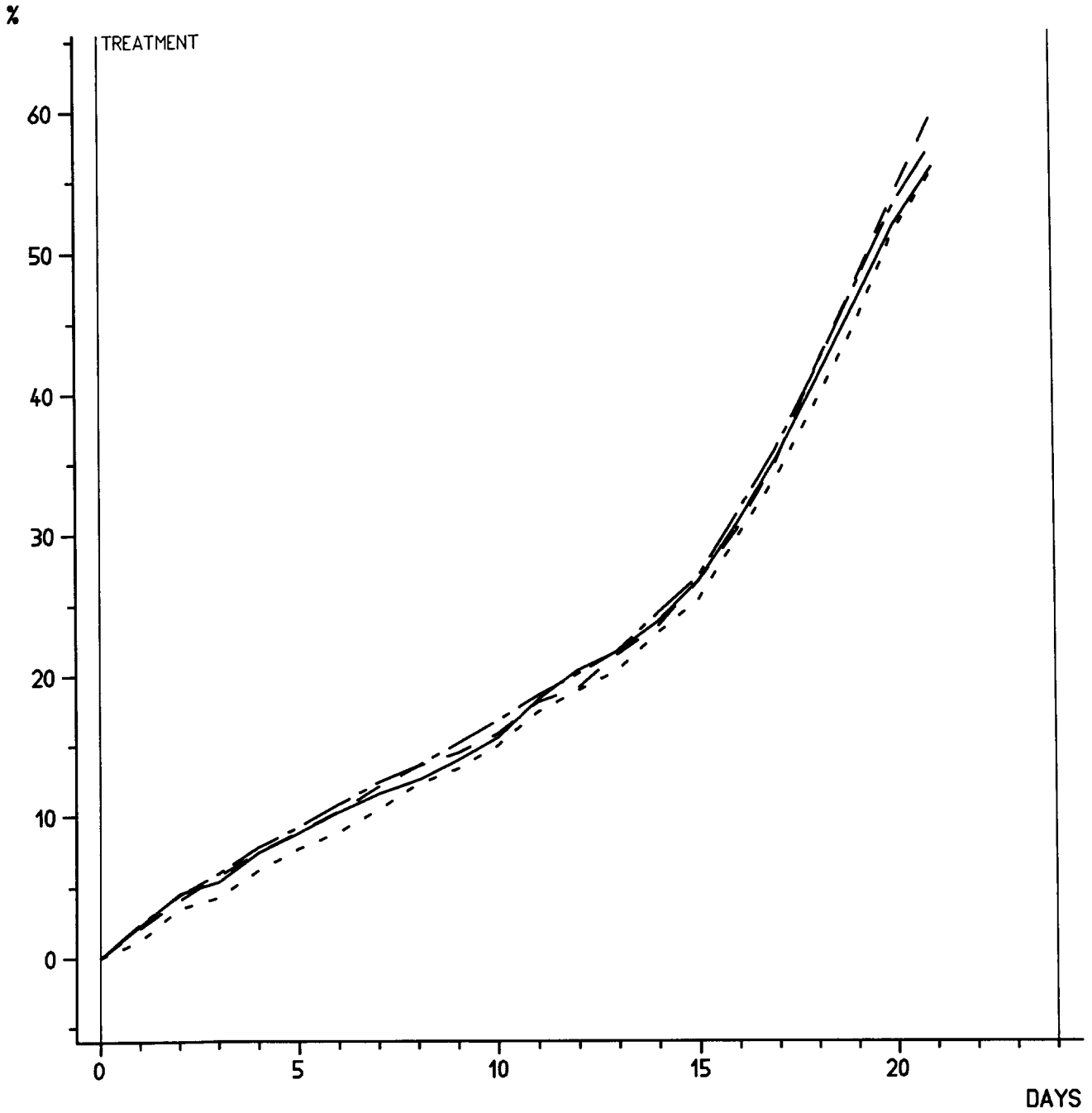
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	17	MEAN	306	306	314	310
		ST.DEV.	20.2	28.4	13.8	19.5
		N	10	10	10	9
DAY	18	MEAN	318	318	329	323
		ST.DEV.	18.6	31.1	15.7	21.4
		N	10	10	10	9
DAY	19	MEAN	331	330	343	336
		ST.DEV.	19.4	32.1	16.3	22.3
		N	10	10	10	9
DAY	20	MEAN	343	345	358	349
		ST.DEV.	19.9	34.1	16.0	24.4
		N	10	10	10	9
DAY	21	MEAN	353	355	371	359
		ST.DEV.	21.2	35.8	19.0	26.9
		N	10	10	10	9

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 1
13-APR-05

BODY WEIGHT GAIN OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG) (Value(s) excluded)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 1
13-APR-05

BODY WEIGHT GAIN (%) OF DAMS SUMMARY REPRODUCTIVE GROUPS - GESTATION PERIOD

			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	0	MEAN	0	0	0	0
		ST.DEV.	0.0	0.0	0.0	0.0
		N	10	10	10	9
DAY	1	MEAN	2	1	2	2
		ST.DEV.	1.4	1.1	1.1	1.2
		N	10	10	10	9
DAY	2	MEAN	5	3	4	4
		ST.DEV.	1.7	0.9	0.9	1.5
		N	10	10	10	9
DAY	3	MEAN	5	4	6	6
		ST.DEV.	1.7	1.5	0.8	1.4
		N	10	10	10	9
DAY	4	MEAN	7	6	7	8
		ST.DEV.	2.0	1.7	1.0	1.5
		N	10	10	10	9
DAY	5	MEAN	9	8	9	9
		ST.DEV.	1.4	1.1	1.3	1.2
		N	10	10	10	9
DAY	6	MEAN	10	9	10	11
		ST.DEV.	2.4	1.5	1.2	0.9
		N	10	10	10	9
DAY	7	MEAN	12	10	12	12
		ST.DEV.	2.5	1.3	1.7	1.6
		N	10	10	10	9
DAY	8	MEAN	13	12	13	14
		ST.DEV.	3.1	1.8	1.2	2.1
		N	10	10	10	9
DAY	9	MEAN	14	13	14	15
		ST.DEV.	2.8	2.1	1.8	1.6
		N	10	10	10	9
DAY	10	MEAN	16	15	16	17
		ST.DEV.	2.7	2.0	1.6	2.3
		N	10	10	10	9
DAY	11	MEAN	18	17	18	19
		ST.DEV.	2.1	1.8	1.8	2.3
		N	10	10	10	9
DAY	12	MEAN	20	19	19	20
		ST.DEV.	2.6	2.1	1.8	2.5
		N	10	10	10	9
DAY	13	MEAN	22	20	21	22
		ST.DEV.	2.9	1.8	2.0	1.7
		N	10	10	10	9
DAY	14	MEAN	24	23	23	24
		ST.DEV.	2.9	1.8	2.6	1.7
		N	10	10	10	9
DAY	15	MEAN	27	25	27	27
		ST.DEV.	2.9	2.1	2.6	2.1
		N	10	10	10	9
DAY	16	MEAN	31	30	30	31
		ST.DEV.	3.7	2.6	2.7	2.8
		N	10	10	10	9

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 2
13-APR-05

BODY WEIGHT GAIN (%) OF DAMS SUMMARY REPRODUCTIVE GROUPS - GESTATION PERIOD

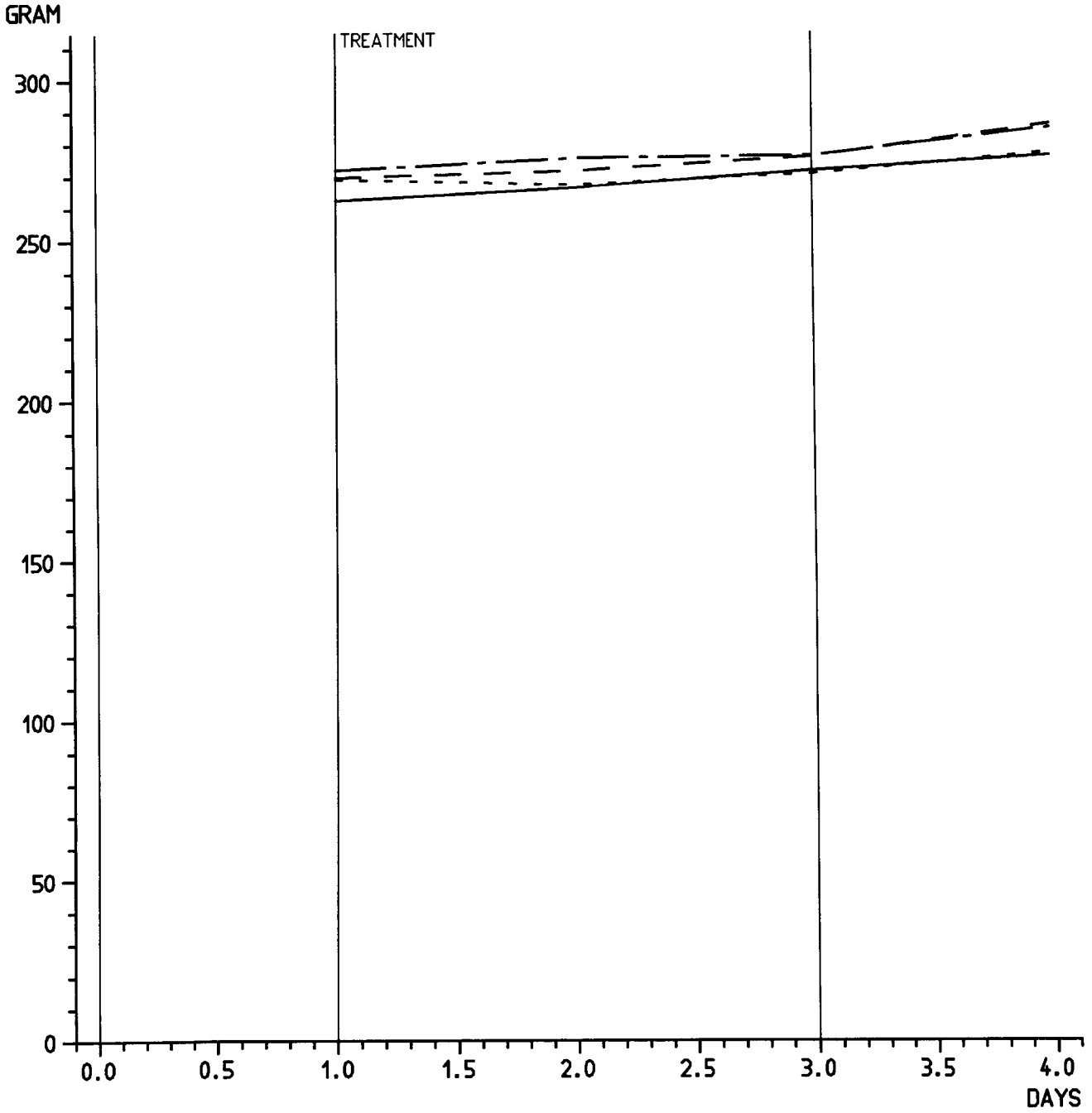
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	17	MEAN	35	34	35	36
		ST.DEV.	3.4	3.0	3.0	3.1
		N	10	10	10	9
DAY	18	MEAN	41	39	42	41
		ST.DEV.	4.1	3.6	3.5	4.8
		N	10	10	10	9
DAY	19	MEAN	46	45	47	47
		ST.DEV.	4.5	3.9	3.7	4.9
		N	10	10	10	9
DAY	20	MEAN	52	51	54	53
		ST.DEV.	5.5	5.2	3.7	5.6
		N	10	10	10	9
DAY	21	MEAN	56	55	59	57
		ST.DEV.	5.3	4.2	4.4	6.7
		N	10	10	10	9

Explanations for excluded data are listed in the tables of individual values
* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SPLT - 1
13-APR-05

BODY WEIGHTS OF DAMS
REPRODUCTIVE GROUPS - LACTATION PERIOD



RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-SUM - 1
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS SUMMARY REPRODUCTIVE GROUPS - LACTATION PERIOD

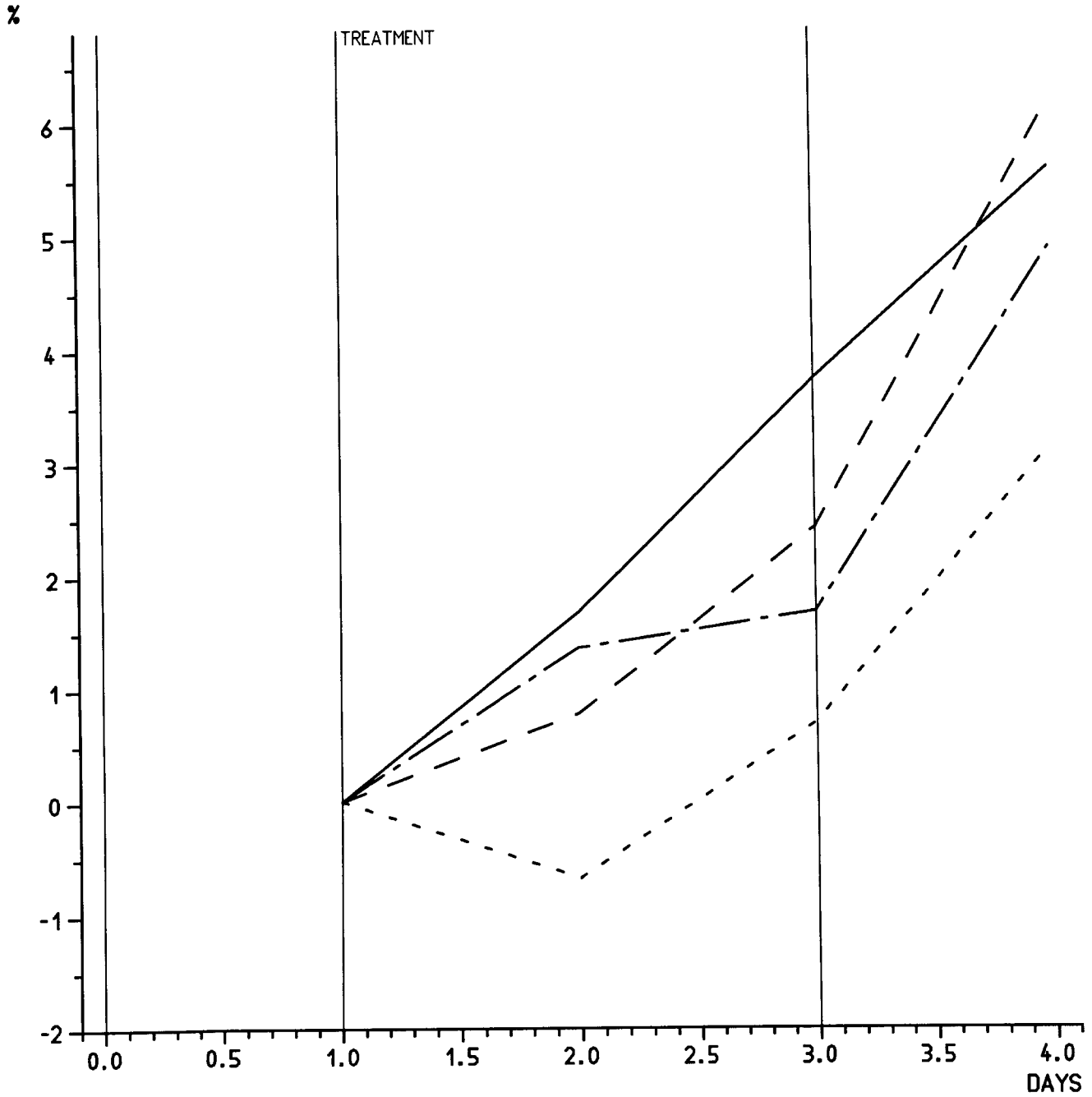
			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	262	269	269	272
		ST.DEV.	24.5	26.2	17.5	22.3
		N	10	10	10	9
DAY	2	MEAN	266	267	271	275
		ST.DEV.	21.2	26.4	14.6	22.7
		N	10	10	10	9
DAY	3	MEAN	271	270	276	276
		ST.DEV.	19.5	24.1	15.6	20.8
		N	10	10	10	9
DAY	4	MEAN	276	277	286	285
		ST.DEV.	18.8	24.7	17.9	20.0
		N	10	10	10	9

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SPLT - 1
13-APR-05

BODY WEIGHT GAIN OF DAMS
REPRODUCTIVE GROUPS - LACTATION PERIOD



GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BWG-SUM - 1
13-APR-05

BODY WEIGHT GAIN (%) OF DAMS SUMMARY REPRODUCTIVE GROUPS - LACTATION PERIOD

			GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
DAY	1	MEAN	0	0	0	0
		ST.DEV.	0.0	0.0	0.0	0.0
		N	10	10	10	9
DAY	2	MEAN	2	-1 *	1	1
		ST.DEV.	2.2	0.5	1.9	2.3
		N	10	10	10	9
DAY	3	MEAN	4	1	2	2
		ST.DEV.	3.4	2.9	2.7	2.9
		N	10	10	10	9
DAY	4	MEAN	6	3	6	5
		ST.DEV.	4.8	3.4	4.4	3.9
		N	10	10	10	9

* / ** : Dunnett-Test based on pooled variance significant at 5% (*) or 1% (**) level

7.2 BEHAVIOUR TESTS

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY - SUMMARY

REPRODUCTIVE GROUPS MALES

		PRETEST				TEST			
Group		**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**
Number of animals/group		**10**	**10**	**10**	**10**	**10**	**10**	**10**	**9**
Observations									
APP	Piloerection	0	0	0	0	0	0	0	0
	Salivation	0	0	0	0	0	0	0	0
	Hunched posture	0	0	0	0	0	0	0	0
MOT	Ataxia	0	0	0	0	0	0	0	0
	Uncoordinated movements	0	0	0	0	0	0	0	0
	Tremor/Twitching	0	0	0	0	0	0	0	0
	Prostration	0	0	0	0	0	0	0	0
	Circling/Stereotypies	0	0	0	0	0	0	0	0
	Spasms	0	0	0	0	0	0	0	0
BEH	Hyperactivity	0	0	0	0	0	0	0	0
	Somnolence	0	0	0	0	0	0	0	0
	Reduced grooming	0	0	0	0	0	0	0	0
	Increased reaction to handling	0	0	0	0	0	0	0	0
	Decreased reaction to handling	0	0	0	0	0	0	0	0
	Vocalization	0	0	0	0	0	0	0	0
RES	Dyspnea	0	0	0	0	0	0	0	0
	Tachypnea	0	0	0	0	0	0	0	0
	Bradypnea	0	0	0	0	0	0	0	0
REF	Palpebral closure	0	0	0	0	0	0	0	0
	Hearing ability	0	0	0	0	0	0	0	0
	Pinna	0	0	0	0	0	0	0	0
	Iridic light reflex	0	0	0	0	0	0	0	0
	Extensor thrust response	0	0	0	0	0	0	0	0
	Pain response	0	0	0	0	0	0	0	0
	Startle / hearing	0	0	0	0	0	0	0	0
	Righting reflex	0	0	0	0	0	0	0	0
MIS	Lacrimation	0	0	0	0	0	0	0	0
	Limbs cyanotic	0	0	0	0	0	0	0	0
	Mydriasis	0	0	0	0	0	0	0	0
	Miosis	0	0	0	0	0	0	0	0
	Exophthalmos	0	0	0	0	0	0	0	0
	Red. muscle tone	0	0	0	0	0	0	0	0
	Increase in urine volume voided	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

0 = No animals affected
n = Number of affected animals
n- = Mean severity between 1.00 and 1.67
n+ = Mean severity between 1.68 and 2.33
n! = Mean severity between 2.34 and 3.00

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY SUMMARY
PRETEST
REPRODUCTIVE GROUPS MALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Functional Observational Battery					
Grip forep.	MEAN	815.0	761.7	713.7	732.7
G	ST.DEV.	125.1	115.6	101.2	92.8
	N	10	10	10	10
Grip hindp.	MEAN	530.8	510.0	542.0	499.7
G	ST.DEV.	81.7	37.9	65.1	64.5
	N	10	10	10	10
Land. Foot	MEAN	8.9	8.2	7.9	7.9
CM	ST.DEV.	2.5	2.0	1.5	2.0
	N	10	10	10	10
Body Temp.	MEAN	37.7	37.5	37.5	37.4
°C	ST.DEV.	0.4	0.2	0.4	0.4
	N	10	10	10	10
Amb. act.	MEAN	2.1	2.1	1.9	2.2
Score #	ST.DEV.	0.6	0.6	0.6	0.4
	N	10	10	10	10

# The following scores were used:
0 = no ambulatory activity (resting) / 1 = exploratory behaviour / 2 = rearing against the wall / 3 = free rearing

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
20-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY SUMMARY
TREATMENT
REPRODUCTIVE GROUPS MALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Functional Observational Battery					
Grip forep.	MEAN	848.3	878.7	888.0	823.0
G	ST.DEV.	198.5	90.5	128.7	93.6
	N	10	10	10	9
Grip hindp.	MEAN	651.0	655.3	672.0	657.0
G	ST.DEV.	112.7	88.3	109.1	95.9
	N	10	10	10	9
Land. Foot	MEAN	8.3	7.6	7.6	6.6
CM	ST.DEV.	1.6	1.5	1.9	1.3
	N	10	10	10	9
Body Temp.	MEAN	37.0	37.0	37.3	37.0
°C	ST.DEV.	0.2	0.3	0.7	0.4
	N	10	10	10	9
Amb. act.	MEAN	1.5	1.6	1.4	1.6
Score #	ST.DEV.	0.5	0.5	0.5	0.5
	N	10	10	9	9

# The following scores were used:
0 = no ambulatory activity (resting) / 1 = exploratory behaviour / 2 = rearing against the wall / 3 = free rearing

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY - SUMMARY

TOXICITY GROUPS FEMALES

		PRETEST				TEST			
Group		**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**
Number of animals/group		**10**	**10**	**10**	**10**	**10**	**10**	**9**	**10**
Observations									
APP	Piloerection	0	0	0	0	0	0	0	0
	Salivation	0	0	0	0	0	0	0	0
	Hunched posture	0	0	0	0	0	0	0	0
MOT	Ataxia	0	0	0	0	0	0	0	0
	Uncoordinated movements	0	0	0	0	0	0	0	0
	Tremor/Twitching	0	0	0	0	0	0	0	0
	Prostration	0	0	0	0	0	0	0	0
	Circling/Stereotypies	0	0	0	0	0	0	0	0
	Spasms	0	0	0	0	0	0	0	0
BEH	Hyperactivity	0	0	0	0	0	0	0	0
	Somnolence	0	0	0	0	0	0	0	0
	Reduced grooming	0	0	0	0	0	0	0	0
	Increased reaction to handling	0	0	0	0	0	0	0	0
	Decreased reaction to handling	0	0	0	0	0	0	0	0
	Vocalization	0	0	0	0	0	0	0	0
RES	Dyspnea	0	0	0	0	0	0	0	0
	Tachypnea	0	0	0	0	0	0	0	0
	Bradypnea	0	0	0	0	0	0	0	0
REF	Palpebral closure	0	0	0	0	0	0	0	0
	Hearing ability	0	0	0	0	0	0	0	0
	Pinna	0	0	0	0	0	0	0	0
	Iridic light reflex	0	0	0	0	0	0	0	0
	Extensor thrust response	0	0	0	0	0	0	0	0
	Pain response	0	0	0	0	0	0	0	0
	Startle / hearing	0	0	0	0	0	0	0	0
	Righting reflex	0	0	0	0	0	0	0	0
MIS	Lacrimation	0	0	0	0	0	0	0	0
	Limbs cyanotic	0	0	0	0	0	0	0	0
	Mydriasis	0	0	0	0	0	0	0	0
	Miosis	0	0	0	0	0	0	0	0
	Exophthalmos	0	0	0	0	0	0	0	0
	Red. muscle tone	0	0	0	0	0	0	0	0
	Increase in urine volume voided	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

0 = No animals affected
n = Number of affected animals
n- = Mean severity between 1.00 and 1.67
n+ = Mean severity between 1.68 and 2.33
n! = Mean severity between 2.34 and 3.00

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY SUMMARY
PRETEST
TOXICITY GROUPS FEMALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Functional Observational Battery					
Grip forep.	MEAN	728.0	836.0	744.3	758.0
G	ST.DEV.	171.1	87.4	100.5	127.0
	N	10	10	10	10
Grip hindp.	MEAN	428.7	449.3	433.7	408.7
G	ST.DEV.	95.9	78.4	41.0	53.2
	N	10	10	10	10
Land. Foot	MEAN	6.7	7.4	7.4	7.7
CM	ST.DEV.	1.7	2.0	1.4	1.1
	N	10	10	10	10
Body Temp.	MEAN	38.2	37.9	37.5 **	37.7
°C	ST.DEV.	0.4	0.5	0.4	0.5
	N	10	10	10	10
Amb. act.	MEAN	1.9	2.2	2.1	2.1
Score #	ST.DEV.	0.6	0.4	0.6	0.3
	N	10	10	10	10

# The following scores were used:
0 = no ambulatory activity (resting) / 1 = exploratory behaviour / 2 = rearing against the wall / 3 = free rearing

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY SUMMARY
TREATMENT
TOXICITY GROUPS FEMALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Functional Observational Battery					
Grip forep.	MEAN	720.0	840.7	806.3	819.0
G	ST.DEV.	145.7	123.1	150.8	84.0
	N	10	10	9	10
Grip hindp.	MEAN	519.0	584.7	554.4	547.7
G	ST.DEV.	66.1	66.2	53.7	60.9
	N	10	10	9	10
Land. Foot	MEAN	5.7	6.7	6.7	6.2
CM	ST.DEV.	1.9	1.0	2.2	1.5
	N	10	10	9	10
Body Temp.	MEAN	37.9	37.8	37.5	37.8
°C	ST.DEV.	0.6	0.3	0.6	0.5
	N	10	10	9	10
Amb. act.	MEAN	1.7	1.7	1.7	1.8
Score #	ST.DEV.	0.5	0.5	0.5	0.4
	N	10	10	9	10

# The following scores were used:
0 = no ambulatory activity (resting) / 1 = exploratory behaviour / 2 = rearing against the wall / 3 = free rearing

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST SUMMARY
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Locomotor activity					
6 min	MEAN	300	340	311	302
	ST.DEV.	74	111	135	121
	N	10	10	10	10
12 min	MEAN	200	222	210	203
	ST.DEV.	101	93	130	136
	N	10	10	10	10
18 min	MEAN	151	130	172	171
	ST.DEV.	118	126	121	112
	N	10	10	10	10
24 min	MEAN	121	62	145	104
	ST.DEV.	166	85	100	79
	N	10	10	10	10
30 min	MEAN	22	22	61	30
	ST.DEV.	19	39	62	31
	N	10	10	10	10
Total	MEAN	794	776	898	811
	ST.DEV.	343	383	459	415
	N	10	10	10	10

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT SUMMARY
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Locomotor activity					
6 min	MEAN	417	423	419	424
	ST.DEV.	79	124	115	121
	N	10	10	10	9
12 min	MEAN	251	273	303	298
	ST.DEV.	59	132	89	64
	N	10	10	10	9
18 min	MEAN	250	268	255	213
	ST.DEV.	101	103	64	89
	N	10	10	10	9
24 min	MEAN	171	154	171	139
	ST.DEV.	108	87	96	81
	N	10	10	10	9
30 min	MEAN	86	76	125	129
	ST.DEV.	90	68	69	75
	N	10	10	10	9
Total	MEAN	1174	1193	1273	1204
	ST.DEV.	256	407	304	231
	N	10	10	10	9

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST SUMMARY
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Locomotor activity					
6 min	MEAN	387	359	331	330
	ST.DEV.	60	60	69	130
	N	10	10	10	10
12 min	MEAN	294	230	234	244
	ST.DEV.	77	121	74	84
	N	10	10	10	10
18 min	MEAN	211	135	99 +	133
	ST.DEV.	72	120	92	90
	N	10	10	10	10
24 min	MEAN	100	84	68	85
	ST.DEV.	82	95	112	81
	N	10	10	10	10
30 min	MEAN	74	94	77	51
	ST.DEV.	81	124	89	79
	N	10	10	10	10
Total	MEAN	1066	902	809	843
	ST.DEV.	269	409	271	378
	N	10	10	10	10

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT SUMMARY
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Locomotor activity					
6 min	MEAN	419	469	438	446
	ST.DEV.	93	60	105	110
	N	10	10	9	10
12 min	MEAN	310	333	291	296
	ST.DEV.	75	96	64	118
	N	10	10	9	10
18 min	MEAN	163	226	223	200
	ST.DEV.	88	84	71	97
	N	10	10	9	10
24 min	MEAN	187	155	169	171
	ST.DEV.	83	132	113	137
	N	10	10	9	10
30 min	MEAN	117	143	131	110
	ST.DEV.	75	110	89	119
	N	10	10	9	10
Total	MEAN	1196	1325	1252	1223
	ST.DEV.	357	374	351	518
	N	10	10	9	10

7.3 REPRODUCTION DATA

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

REP3 - 1
14-APR-05

MATING PERFORMANCE
REPRODUCTIVE GROUPS

NUMBER OF FEMALES MATED DURING THE FIRST PAIRING PERIOD

Day of the pairing period	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
1	-	3	3	3
2	2	2	2	1
3	1	2	1	5
4	4	3	4	1
6	2	-	-	-
7	1	-	-	-
Median precoital time	4	3	3	3
Mean precoital time	4.2	2.5	2.6	2.4
N	10	10	10	10

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

REP4 - 1
14-APR-05

FERTILITY
REPRODUCTIVE GROUPS

FEMALES SCHEDULED FOR BREEDING

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Percentage mating		100.0	100.0	100.0	100.0
Fertility index	(%)	100.0	100.0	100.0	90.0
Conception rate	(%)	100.0	100.0	100.0	90.0
Gestation index (Breeding)	(%)	100.0	100.0	100.0	100.0

Percentage mating = (Females mated / Females paired) * 100
Fertility index = (Females achieving a pregnancy / Females paired) * 100
Conception rate = (Females achieving a pregnancy / Females mated) * 100
Gestation index = (Number of females with living pups / Number of females pregnant) * 100

RCC STUDY NUMBER 851639 REP2 - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 14-APR-05

IMPLANTATIONS
REPRODUCTIVE GROUPS

FEMALES SCHEDULED FOR BREEDING

GROUP 1 0 MG/KG		GROUP 2 100 MG/KG		GROUP 3 500 MG/KG		GROUP 4 1000 MG/KG	
Female Number	Implant. sites	Female Number	Implant. sites	Female Number	Implant. sites	Female Number	Implant. sites
41	15 <S>	51	16 <S>	61	17 <S>	71	10 <S>
42	12 <S>	52	10 <S>	62	13 <S>	72	11 <S>
43	12 <S>	53	9 <S>	63	12 <S>	73	16 <S>
44	13 <S>	54	17 <S>	64	17 <S>	74	14 <S>
45	16 <S>	55	13 <S>	65	14 <S>	75	13 <S>
46	14 <S>	56	12 <S>	66	13 <S>	76	18 <S>
47	14 <S>	57	13 <S>	67	14 <S>	77	12 <S>
48	13 <S>	58	12 <S>	68	14 <S>	78	15 <S>
49	15 <S>	59	19 <S>	69	17 <S>	79	0 <S>
50	13 <S>	60	14 <S>	70	11 <S>	80	13 <S>
Mean	13.7		13.5		14.2		13.6
St.dev.	1.3		3.1		2.1		2.5
N	10		10		10		9

Non pregnant females were not used for calculation of Mean, St.dev. and N

+: Steel-test significant at 5% level.

<S>: After staining

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-SUM - 1
14-APR-05

BREEDING DATA PER GROUP
REPRODUCTIVE GROUPS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
LITTERS				
TOTAL	10	10	10	9
DURATION OF GESTATION				
MEAN (+)	21.6	21.6	21.7	21.7
ST.DEV	0.52	0.52	0.48	0.50
N	10	10	10	9
IMPLANTATIONS				
TOTAL	137	135	142	122
MEAN (+)	13.7	13.5	14.2	13.6
ST.DEV	1.34	3.10	2.15	2.51
N	10	10	10	9
POST IMPLANTATION LOSS				
% OF IMPLANTATIONS	10.2	10.4	4.9	12.3
LITTERS AFFECTED (#)	7	6	4	6
TOTAL (#)	14	14	7	15
MEAN (+)	1.4	1.4	0.7	1.7
ST.DEV	1.43	1.58	1.06	1.58
N	10	10	10	9
DEAD PUPS AT FIRST LITTER CHECK				
LITTERS AFFECTED (#)	0	2	0	1
TOTAL	0	3	0	2
MEAN (+)	0.0	0.3	0.0	0.2
ST.DEV	0.00	0.67	0.00	0.67
N	10	10	10	9
LIVING PUPS AT FIRST LITTER CHECK				
% OF MALES / FEMALES (#)	44 / 56	47 / 53	51 / 49	44 / 56
TOTAL	123	121	135	107
MEAN (+)	12.3	12.1	13.5	11.9
ST.DEV	1.57	3.54	1.84	2.47
N	10	10	10	9
POSTNATAL LOSS DAYS 0 - 4 P.P.				
% OF LIVING PUPS	0.8	1.7	2.2	2.8
LITTERS AFFECTED (#)	1	2	2	2
TOTAL (#)	1	2	3	3
MEAN (+)	0.1	0.2	0.3	0.3
ST.DEV	0.32	0.42	0.67	0.71
N	10	10	10	9
LIVING PUPS DAY 4 P.P.				
% OF MALES / FEMALES (#)	44 / 56	48 / 52	52 / 48	43 / 57
TOTAL	122	119	132	104
MEAN (+)	12.2	11.9	13.2	11.6
ST.DEV	1.75	3.57	1.99	2.46
N	10	10	10	9

+ : Steel-test significant at 5% level
# / ## : Fisher's Exact Test significant at 5% (#) or 1% (##) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-SUM - 2
14-APR-05

BREEDING DATA PER GROUP
REPRODUCTIVE GROUPS

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
BIRTH INDEX (#)	89.8	89.6	95.1	87.7
VIABILITY INDEX (#)	99.2	98.3	97.8	97.2

/ ## : Fisher's Exact Test significant at 5% (#) or 1% (##) level

Birth index = (number of pups born alive / number of implantations) * 100
Viability index = (number of alive pups on day 4 p.p. / number of pups born alive) * 100

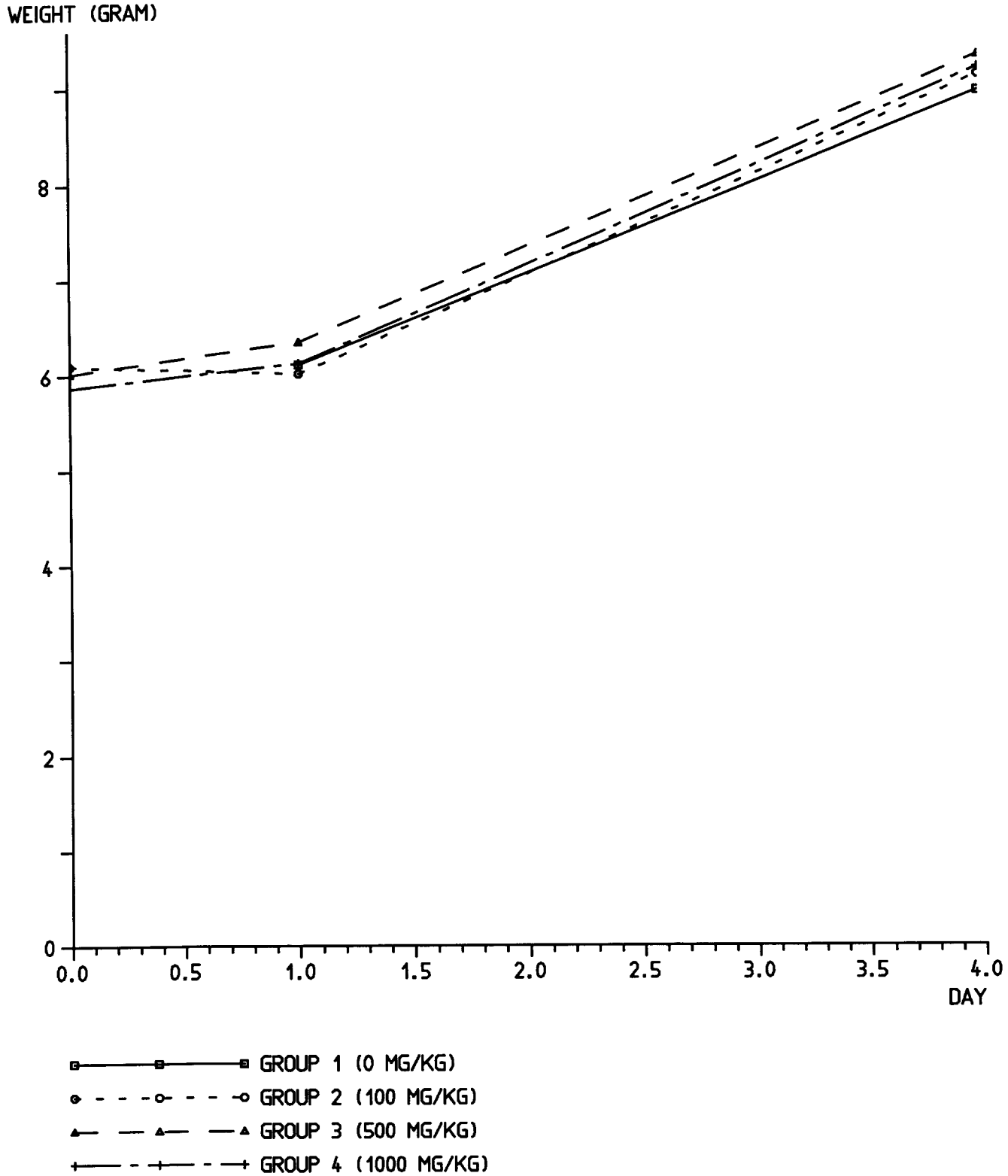
7.4 PUP DATA

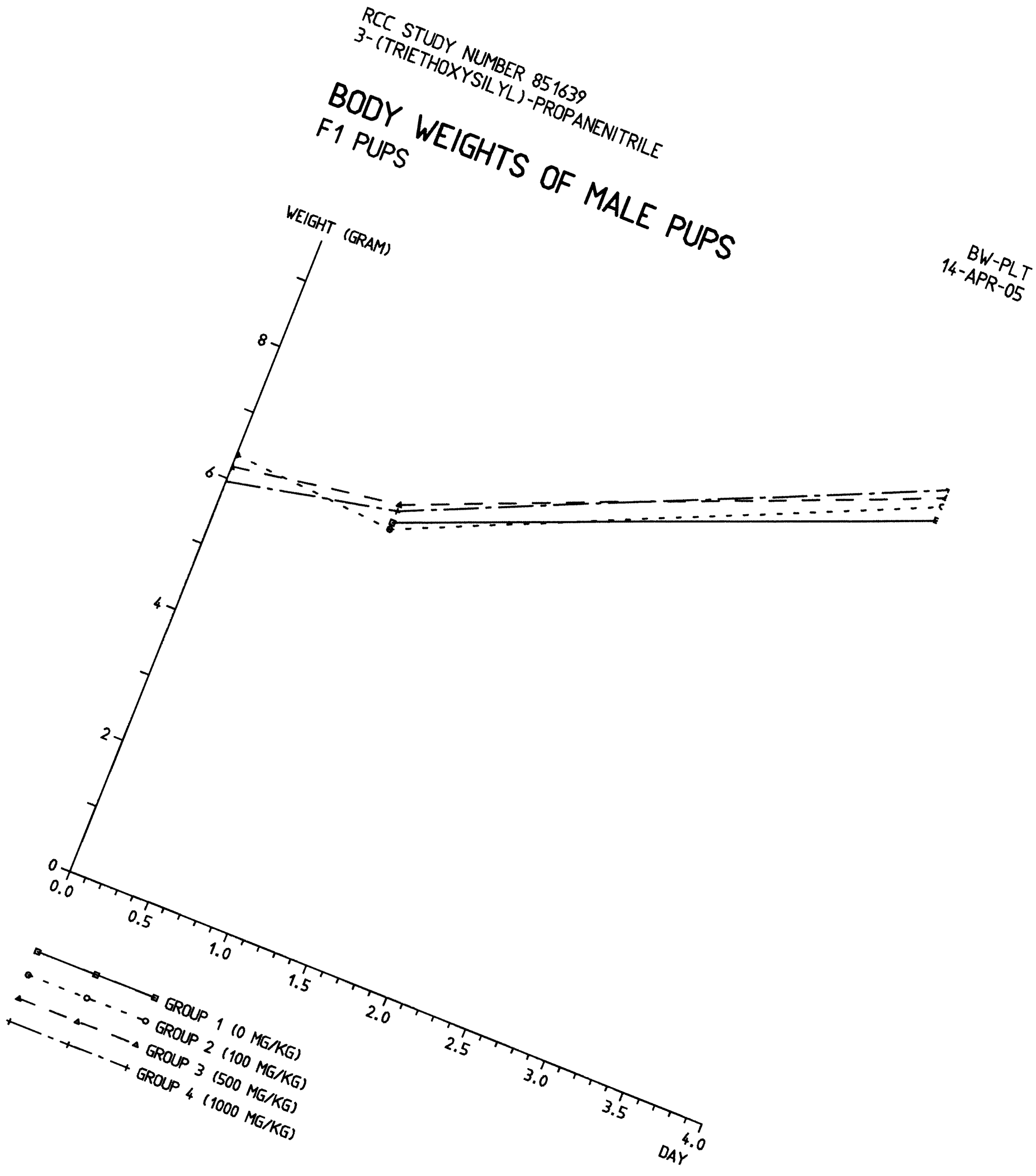
RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

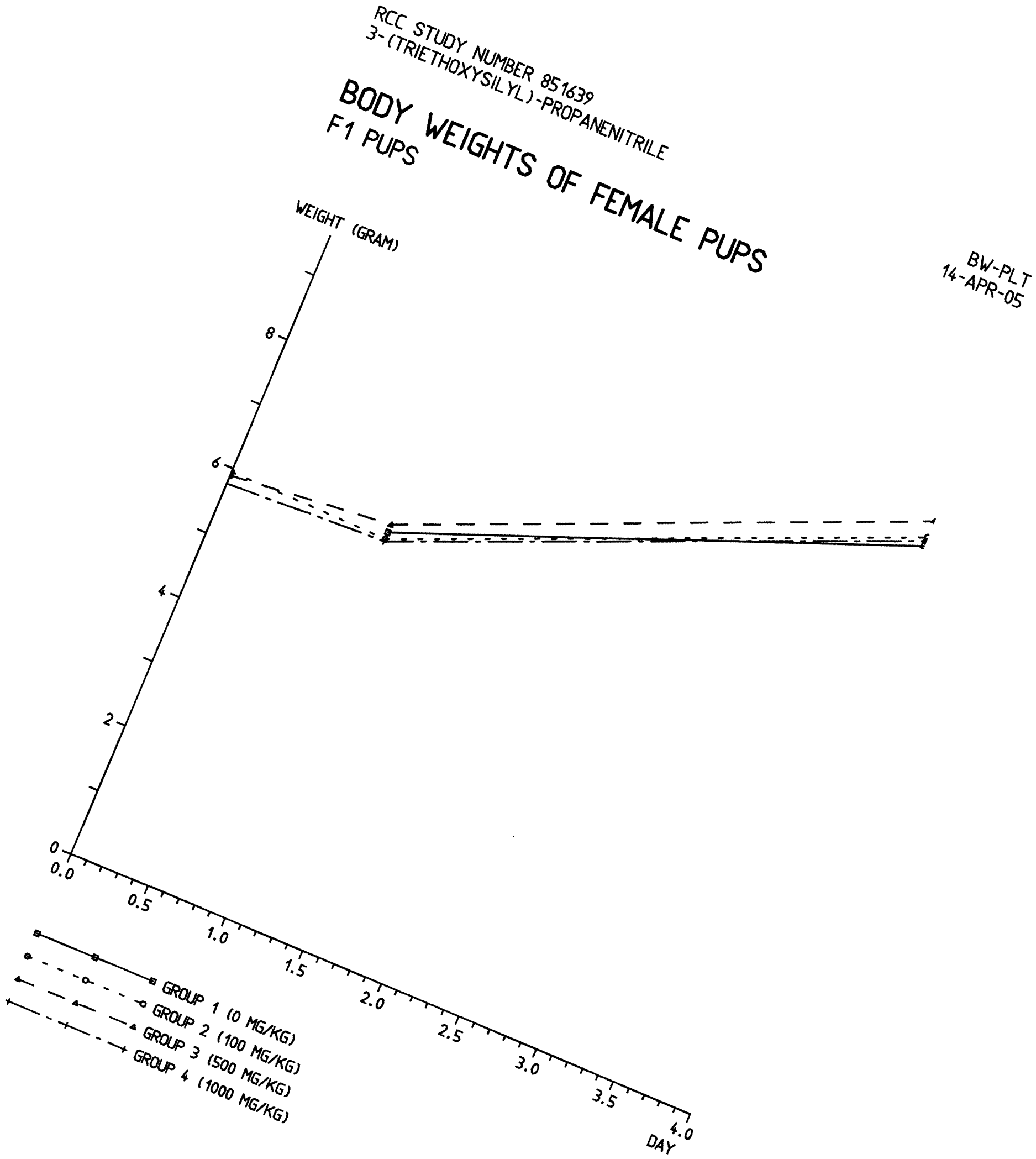
BW-PLT
14-APR-05

BODY WEIGHTS OF MALE AND FEMALE PUPS

F1 PUPS




RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE
BODY WEIGHTS OF MALE PUPS
F1 PUPS
BW-PLT
14-APR-05
WEIGHT (GRAM)
0
2
4
6
8
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
DAY
GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)


RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE
BODY WEIGHTS OF FEMALE PUPS
F1 PUPS
BW-PLT
14-APR-05
WEIGHT (GRAM)
0
2
4
6
8
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
DAY
GROUP 1 (0 MG/KG)
GROUP 2 (100 MG/KG)
GROUP 3 (500 MG/KG)
GROUP 4 (1000 MG/KG)

RCC STUDY NUMBER 851639 BW-SUM - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 14-APR-05

MEAN BODY WEIGHTS OF PUPS PER GROUP (GRAM)
F1 PUPS

DAY	SEX		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
0	M	MEAN	--	6.4	6.2	6.0
		ST.DEV.	--	0.16	0.13	--
		N	--	2	2	1
	F	MEAN	--	5.9	5.9	5.8
		ST.DEV.	--	0.44	0.13	--
		N	--	2	2	1
	M+F	MEAN	--	6.1	6.0	5.9
		ST.DEV.	--	0.36	0.12	--
		N	--	2	2	1
1	M	MEAN	6.3	6.2	6.5	6.4
		ST.DEV.	0.50	0.78	0.55	0.75
		N	10	10	10	9
	F	MEAN	6.0	5.9	6.1	5.9
		ST.DEV.	0.50	0.90	0.68	0.61
		N	10	10	10	9
	M+F	MEAN	6.1	6.0	6.3	6.1
		ST.DEV.	0.48	0.80	0.58	0.68
		N	10	10	10	9
4	M	MEAN	9.1	9.3	9.5	9.6
		ST.DEV.	0.87	1.79	1.12	1.58
		N	10	10	10	9
	F	MEAN	8.8	8.9	9.2	8.9
		ST.DEV.	1.00	1.60	1.17	1.39
		N	10	10	10	9
	M+F	MEAN	9.0	9.1	9.3	9.2
		ST.DEV.	0.94	1.67	1.12	1.46
		N	10	10	10	9

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-LIT - 1
14-APR-05

MEAN BODY WEIGHTS OF PUPS PER LITTER (GRAM)
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER	SEX	DAY 0	DAY 1	DAY 4
41	M	--	6.3	7.7
	F	--	5.8	7.5
	M+F	--	6.1	7.6
42	M	--	5.8	8.4
	F	--	5.5	8.3
	M+F	--	5.6	8.3
43	M	--	6.8	10.1
	F	--	6.4	9.8
	M+F	--	6.6	10.0
44	M	--	5.9	8.4
	F	--	5.2	7.3
	M+F	--	5.6	7.9
45	M	--	7.0	9.2
	F	--	6.5	9.0
	M+F	--	6.8	9.1
46	M	--	6.0	8.8
	F	--	5.8	8.7
	M+F	--	5.8	8.7
47	M	--	5.5	10.0
	F	--	6.3	9.2
	M+F	--	5.8	9.7
48	M	--	6.8	10.4
	F	--	6.9	10.6
	M+F	--	6.8	10.5
49	M	--	6.5	9.0
	F	--	5.7	8.3
	M+F	--	5.8	8.3
50	M	--	6.0	9.3
	F	--	5.9	9.2
	M+F	--	6.0	9.3

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-LIT - 2
14-APR-05

MEAN BODY WEIGHTS OF PUPS PER LITTER (GRAM)
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER	SEX	DAY 0	DAY 1	DAY 4
51	M	--	5.2	7.5
	F	--	4.8	7.3
	M+F	--	5.0	7.4
52	M	--	7.1	11.2
	F	--	7.5	10.3
	M+F	--	7.3	10.9
53	M	6.5	6.8	10.5
	F	6.3	6.5	10.3
	M+F	6.4	6.6	10.4
54	M	--	5.3	6.7
	F	--	5.1	6.4
	M+F	--	5.2	6.6
55	M	--	5.9	9.5
	F	--	5.5	9.1
	M+F	--	5.7	9.3
56	M	--	5.7	8.7
	F	--	5.4	8.3
	M+F	--	5.6	8.5
57	M	--	7.3	11.8
	F	--	6.8	11.1
	M+F	--	7.0	11.3
58	M	6.2	6.9	11.3
	F	5.6	6.4	10.6
	M+F	5.8	6.6	10.8
59	M	--	5.5	7.7
	F	--	4.9	7.4
	M+F	--	5.2	7.5
60	M	--	6.0	8.6
	F	--	6.0	8.4
	M+F	--	6.0	8.5

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-LIT - 3
14-APR-05

MEAN BODY WEIGHTS OF PUPS PER LITTER (GRAM)
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER	SEX	DAY 0	DAY 1	DAY 4
61	M	--	6.8	9.2
	F	--	6.3	8.6
	M+F	--	6.6	9.0
62	M	6.1	6.6	10.0
	F	5.8	6.4	9.8
	M+F	5.9	6.5	9.9
63	M	--	6.1	8.2
	F	--	5.8	8.0
	M+F	--	5.9	8.1
64	M	--	6.9	8.8
	F	--	6.5	8.7
	M+F	--	6.7	8.8
65	M	--	7.0	10.8
	F	--	7.0	10.6
	M+F	--	7.0	10.6
66	M	--	6.9	10.4
	F	--	6.7	10.2
	M+F	--	6.8	10.3
67	M	--	5.8	9.3
	F	--	5.3	9.1
	M+F	--	5.6	9.2
68	M	--	5.6	8.3
	F	--	5.3	8.1
	M+F	--	5.5	8.2
69	M	--	6.5	8.3
	F	--	5.2	7.7
	M+F	--	5.9	8.0
70	M	6.3	7.2	11.4
	F	6.0	6.9	11.0
	M+F	6.1	7.0	11.1

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-LIT - 4
14-APR-05

MEAN BODY WEIGHTS OF PUPS PER LITTER (GRAM)
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER	SEX	DAY 0	DAY 1	DAY 4
71	M	--	7.7	11.6
	F	--	6.5	9.2
	M+F	--	7.2	10.6
72	M	--	7.0	10.2
	F	--	6.3	9.8
	M+F	--	6.6	10.0
73	M	--	5.9	9.2
	F	--	5.5	8.6
	M+F	--	5.7	8.9
74	M	--	5.3	8.4
	F	--	4.9	7.7
	M+F	--	5.0	8.0
75	M	--	6.2	8.4
	F	--	5.7	7.7
	M+F	--	5.9	7.9
76	M	--	6.2	8.3
	F	--	5.6	8.0
	M+F	--	5.8	8.1
77	M	--	5.9	7.9
	F	--	5.4	7.2
	M+F	--	5.7	7.6
78	M	6.0	6.3	10.1
	F	5.8	6.2	9.9
	M+F	5.9	6.3	10.0
80	M	--	7.4	12.4
	F	--	6.7	11.5
	M+F	--	6.9	11.8

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

EXTERNAL EXAMINATION OF PUPS AT FIRST LITTER CHECK AFTER PARTURITION

Group (mg/kg)	No. of live/dead pups examined	Type of abnormal finding
1 (0)	123/0	No abnormal findings noted
2 (100)	121/3	No abnormal findings noted
3 (500)	135/0	No abnormal findings noted
4 (1000)	107/2	No abnormal findings noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

DATES OF POSTNATAL PUP LOSS DURING LACTATION

Group (mg/kg)	Ascertained on day post partum			
	1	2	3	4
1 (0)			1F	
2 (100)		1F	1F	
3 (500)		1M		2F
4 (1000)				2M 1F

F = Female pup / M = Male pup

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

CLINICAL SIGNS AND OBSERVATIONS - PUPS

Group (mg/kg)	Type of abnormal finding
1 (0)	No findings noted
2 (100)	No findings noted
3 (500)	No findings noted
4 (1000)	No findings noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

7.5 TERMINAL FINDINGS - ADULT ANIMALS

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-SUM - 1
18-APR-05

MACROSCOPICAL FINDINGS SUMMARY
ALL NECROPSIES
REPRODUCTIVE GROUPS
MALES

	GROUP 1 0 MG/KG		GROUP 2 100 MG/KG		GROUP 3 500 MG/KG		GROUP 4 1000 MG/KG	
ANIMALS EXAMINED	10		10		10		10	
ANIMALS WITHOUT FINDINGS	9		10		10		6	
ANIMALS AFFECTED:								
LUNGS.....								
DISCOLORATION	0	0%	0	0%	0	0%	1	10%
INCOMPLETELY COLLAPSED	0	0%	0	0%	0	0%	1	10%
LIVER.....								
THICKENED	0	0%	0	0%	0	0%	1	10%
KIDNEYS.....								
DISCOLORATION	0	0%	0	0%	0	0%	1	10%
FOCUS/FOCI	0	0%	0	0%	0	0%	1	10%
PELVIC DILATION	0	0%	0	0%	0	0%	2	20%
THYMUS.....								
FOCUS/FOCI	1	10%	0	0%	0	0%	0	0%
MANDIBULAR L.NODE.....								
DISCOLORATION	0	0%	0	0%	0	0%	1	10%

/ ## : Fisher's Exact Test based on counts significant at 5% (#) or 1% (##) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-SUM - 1
18-APR-05

MACROSCOPICAL FINDINGS SUMMARY
ALL NECROPSIES
TOXICITY GROUPS
FEMALES

	GROUP 1 0 MG/KG		GROUP 2 100 MG/KG		GROUP 3 500 MG/KG		GROUP 4 1000 MG/KG	
ANIMALS EXAMINED	10		10		10		10	
ANIMALS WITHOUT FINDINGS	8		9		8		7	
ANIMALS AFFECTED:								
KIDNEYS.....								
FOCUS/FOCI	0	0%	0	0%	0	0%	2	20%
PELVIC DILATION	0	0%	0	0%	1	10%	1	10%
URINARY BLADDER.....								
CONTAINS MILKY-CLOUDY FLUID	0	0%	0	0%	0	0%	1	10%
THYMUS.....								
DISCOLORATION	1	10%	0	0%	0	0%	0	0%
FOCUS/FOCI	0	0%	1	10%	0	0%	0	0%
MESENTERIC L.NODE.....								
DISCOLORATION	1	10%	0	0%	0	0%	0	0%

/ ## : Fisher's Exact Test based on counts significant at 5% (#) or 1% (##) level

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MACROSCOPICAL FINDINGS SUMMARY
ALL NECROPSIES
REPRODUCTIVE GROUPS
FEMALES

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
ANIMALS EXAMINED	10	10	10	10
ANIMALS WITHOUT FINDINGS	10	10	10	10

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-SUM - 1
18-APR-05

ORGAN WEIGHTS (GRAM) SUMMARY

REPRODUCTIVE GROUPS MALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
BODY W.	MEAN	353.84	357.97	346.95	347.74
	ST.DEV.	21.95	27.85	23.85	11.95
	N	10	10	10	9
BRAIN	MEAN	2.03	2.01	1.99	2.02
	ST.DEV.	0.05	0.07	0.04	0.07
	N	10	10	10	9
HEART	MEAN	1.056	1.052	1.114	1.146 *
	ST.DEV.	0.063	0.070	0.085	0.081
	N	10	10	10	9
LIVER	MEAN	9.40	10.25	10.33 *	10.26
	ST.DEV.	0.52	0.93	0.73	1.03
	N	10	10	10	9
THYMUS	MEAN	0.37	0.37	0.35	0.34
	ST.DEV.	0.05	0.09	0.04	0.08
	N	10	10	10	9
KIDNEYS	MEAN	2.25	2.39	2.50 *	2.71 **
	ST.DEV.	0.12	0.16	0.28	0.18
	N	10	10	10	9
ADRENALS	MEAN	0.070	0.071	0.073	0.079
	ST.DEV.	0.009	0.009	0.011	0.008
	N	10	10	10	9
SPLEEN	MEAN	0.673	0.711	0.747	0.809 *
	ST.DEV.	0.076	0.092	0.103	0.113
	N	10	10	10	9
TESTES	MEAN	3.46	3.68	3.56	3.66
	ST.DEV.	0.24	0.46	0.19	0.30
	N	10	10	10	9
PROSTATE	MEAN	0.78	0.86	0.86	0.80
	ST.DEV.	0.09	0.12	0.15	0.19
	N	10	10	10	9
EPIDIDYMIDES	MEAN	1.206	1.333	1.237	1.224
	ST.DEV.	0.101	0.246	0.129	0.122
	N	10	10	10	9
SEMINAL VES	MEAN	1.282	1.207	1.094	1.311
	ST.DEV.	0.306	0.180	0.140	0.232
	N	10	10	10	9

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-SUM - 2
18-APR-05

ORGAN/BODY WEIGHT RATIOS SUMMARY

REPRODUCTIVE GROUPS MALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
BODY W.	MEAN	353.84	357.97	346.95	347.74
(GRAM)	ST.DEV.	21.95	27.85	23.85	11.95
	N	10	10	10	9
BRAIN	MEAN	0.57	0.56	0.57	0.58
(%)	ST.DEV.	0.04	0.04	0.03	0.02
	N	10	10	10	9
HEART	MEAN	0.299	0.294	0.322 *	0.330 **
(%)	ST.DEV.	0.015	0.013	0.021	0.022
	N	10	10	10	9
LIVER	MEAN	2.66	2.86 *	2.98 **	2.95 **
(%)	ST.DEV.	0.12	0.19	0.13	0.23
	N	10	10	10	9
THYMUS	MEAN	0.10	0.10	0.10	0.10
(%)	ST.DEV.	0.01	0.02	0.01	0.02
	N	10	10	10	9
KIDNEYS	MEAN	0.64	0.67	0.72 *	0.78 **
(%)	ST.DEV.	0.05	0.05	0.08	0.05
	N	10	10	10	9
ADRENALS	MEAN	0.020	0.020	0.021	0.023
(%)	ST.DEV.	0.003	0.003	0.003	0.002
	N	10	10	10	9
SPLEEN	MEAN	0.190	0.199	0.215	0.233 **
(%)	ST.DEV.	0.021	0.024	0.025	0.029
	N	10	10	10	9
TESTES	MEAN	0.98	1.03	1.03	1.05
(%)	ST.DEV.	0.06	0.13	0.06	0.10
	N	10	10	10	9
PROSTATE	MEAN	0.22	0.24	0.25	0.23
(%)	ST.DEV.	0.03	0.04	0.05	0.05
	N	10	10	10	9
EPIDIDYMIDES	MEAN	0.342	0.375	0.357	0.353
(%)	ST.DEV.	0.039	0.083	0.031	0.042
	N	10	10	10	9
SEMINAL VES	MEAN	0.361	0.338	0.317	0.377
(%)	ST.DEV.	0.078	0.050	0.049	0.063
	N	10	10	10	9

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-SUM - 3
18-APR-05

ORGAN/BRAIN WEIGHT RATIOS SUMMARY

REPRODUCTIVE GROUPS MALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
BRAIN (GRAM)	MEAN	2.03	2.01	1.99	2.02
	ST.DEV.	0.05	0.07	0.04	0.07
	N	10	10	10	9
HEART (%)	MEAN	52.129	52.404	56.036	56.730 *
	ST.DEV.	2.966	2.552	3.843	4.782
	N	10	10	10	9
LIVER (%)	MEAN	464.83	510.76 *	519.72 *	507.52
	ST.DEV.	31.38	43.28	32.61	52.15
	N	10	10	10	9
THYMUS (%)	MEAN	18.22	18.49	17.74	16.61
	ST.DEV.	2.57	4.06	2.02	3.83
	N	10	10	10	9
KIDNEYS (%)	MEAN	111.37	119.26	125.86 **	133.98 **
	ST.DEV.	7.22	7.63	13.90	10.76
	N	10	10	10	9
ADRENALS (%)	MEAN	3.460	3.547	3.683	3.920
	ST.DEV.	0.418	0.459	0.545	0.435
	N	10	10	10	9
SPLEEN (%)	MEAN	33.168	35.444	37.528	40.060 **
	ST.DEV.	3.212	4.560	4.877	5.831
	N	10	10	10	9
TESTES (%)	MEAN	170.91	183.44	179.16	180.93
	ST.DEV.	13.09	22.41	8.04	15.12
	N	10	10	10	9
PROSTATE (%)	MEAN	38.70	43.18	43.14	39.59
	ST.DEV.	4.21	6.13	7.82	9.42
	N	10	10	10	9
EPIDIDYMIDES (%)	MEAN	59.603	66.667	62.178	60.566
	ST.DEV.	5.511	13.511	6.018	6.210
	N	10	10	10	9
SEMINAL VES (%)	MEAN	63.507	60.266	55.093	64.771
	ST.DEV.	16.006	9.281	7.556	10.644
	N	10	10	10	9

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-SUM - 1
18-APR-05

ORGAN WEIGHTS (GRAM) SUMMARY

TOXICITY GROUPS FEMALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
BODY W.	MEAN	218.09	216.27	217.26	216.19
	ST.DEV.	15.16	8.82	14.75	9.99
	N	10	10	9	10
BRAIN	MEAN	1.89	1.84	1.85	1.89
	ST.DEV.	0.06	0.06	0.11	0.05
	N	10	10	9	10
HEART	MEAN	0.781	0.773	0.787	0.797
	ST.DEV.	0.064	0.083	0.073	0.054
	N	10	10	9	10
LIVER	MEAN	6.31	6.05	6.26	6.76
	ST.DEV.	0.48	0.51	0.46	0.50
	N	10	10	9	10
THYMUS	MEAN	0.34	0.35	0.39	0.38
	ST.DEV.	0.05	0.07	0.08	0.05
	N	10	10	9	10
KIDNEYS	MEAN	1.51	1.45	1.51	1.68 *
	ST.DEV.	0.15	0.10	0.14	0.13
	N	10	10	9	10
ADRENALS	MEAN	0.078	0.083	0.091 *	0.087
	ST.DEV.	0.009	0.008	0.014	0.011
	N	10	10	9	10
SPLEEN	MEAN	0.559	0.567	0.579	0.669 *
	ST.DEV.	0.099	0.081	0.115	0.087
	N	10	10	9	10
OVARIES	MEAN	0.114	0.111	0.107	0.109
	ST.DEV.	0.012	0.014	0.018	0.015
	N	10	10	9	10
UTERUS	MEAN	1.147	0.919	0.925	1.229
	ST.DEV.	0.324	0.174	0.185	0.373
	N	10	10	9	10

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-SUM - 2
18-APR-05

ORGAN/BODY WEIGHT RATIOS SUMMARY

TOXICITY GROUPS FEMALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
BODY W. (GRAM)	MEAN	218.09	216.27	217.26	216.19
	ST.DEV.	15.16	8.82	14.75	9.99
	N	10	10	9	10
BRAIN (%)	MEAN	0.87	0.85	0.85	0.87
	ST.DEV.	0.07	0.05	0.05	0.04
	N	10	10	9	10
HEART (%)	MEAN	0.359	0.358	0.362	0.369
	ST.DEV.	0.026	0.043	0.023	0.025
	N	10	10	9	10
LIVER (%)	MEAN	2.91	2.80	2.89	3.13
	ST.DEV.	0.27	0.23	0.20	0.14
	N	10	10	9	10
THYMUS (%)	MEAN	0.16	0.16	0.18	0.18
	ST.DEV.	0.03	0.03	0.03	0.03
	N	10	10	9	10
KIDNEYS (%)	MEAN	0.69	0.67	0.70	0.78 **
	ST.DEV.	0.06	0.04	0.06	0.06
	N	10	10	9	10
ADRENALS (%)	MEAN	0.036	0.038	0.042 *	0.040
	ST.DEV.	0.005	0.004	0.006	0.005
	N	10	10	9	10
SPLEEN (%)	MEAN	0.259	0.262	0.266	0.310 *
	ST.DEV.	0.055	0.035	0.049	0.040
	N	10	10	9	10
OVARIES (%)	MEAN	0.052	0.051	0.049	0.050
	ST.DEV.	0.005	0.006	0.007	0.006
	N	10	10	9	10
UTERUS (%)	MEAN	0.527	0.423	0.429	0.566
	ST.DEV.	0.145	0.067	0.099	0.158
	N	10	10	9	10

RCC STUDY NUMBER 851639 OW-SUM - 3
3-(TRIETHOXYSILYL)-PROPANENITRILE 18-APR-05

ORGAN/BRAIN WEIGHT RATIOS SUMMARY

TOXICITY GROUPS FEMALES

		GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
BRAIN (GRAM)	MEAN	1.89	1.84	1.85	1.89
	ST.DEV.	0.06	0.06	0.11	0.05
	N	10	10	9	10
HEART (%)	MEAN	41.378	42.131	42.631	42.264
	ST.DEV.	2.751	5.227	3.485	2.476
	N	10	10	9	10
LIVER (%)	MEAN	334.47	329.74	339.49	358.50
	ST.DEV.	18.01	35.48	20.97	22.19
	N	10	10	9	10
THYMUS (%)	MEAN	17.91	19.01	20.81	20.19
	ST.DEV.	2.83	3.92	4.10	2.75
	N	10	10	9	10
KIDNEYS (%)	MEAN	79.95	79.20	81.84	88.96 *
	ST.DEV.	6.70	7.21	7.36	5.78
	N	10	10	9	10
ADRENALS (%)	MEAN	4.144	4.516	4.930 **	4.617
	ST.DEV.	0.434	0.473	0.679	0.546
	N	10	10	9	10
SPLEEN (%)	MEAN	29.631	30.940	31.469	35.458 *
	ST.DEV.	5.062	4.865	6.636	4.124
	N	10	10	9	10
OVARIES (%)	MEAN	6.060	6.050	5.794	5.776
	ST.DEV.	0.634	0.820	0.824	0.776
	N	10	10	9	10
UTERUS (%)	MEAN	60.780	50.026	50.398	65.263
	ST.DEV.	17.107	9.635	11.701	19.880
	N	10	10	9	10

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-SUM - 1
18-APR-05

CORPORA LUTEA COUNT SUMMARY

REPRODUCTIVE GROUPS FEMALES

	GROUP 1 0 MG/KG	GROUP 2 100 MG/KG	GROUP 3 500 MG/KG	GROUP 4 1000 MG/KG
Corpora Lutea				
MEAN	24.1	23.5	23.5	24.7
ST.DEV.	5.0	4.4	3.1	3.8
N	10	10	10	9

7.6 TERMINAL FINDINGS - PUPS

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MACROSCOPICAL FINDINGS OF PUPS

Group (ppm)	Macroscopical findings
1 (0)	No abnormal findings noted
2 (100)	No abnormal findings noted
3 (500)	No abnormal findings noted
4 (1000)	No abnormal findings noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

8 INDIVIDUAL DATA

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

8.1 ADULT ANIMALS

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 1
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1-8	8-14
1	24.9	25.3
2	25.7	22.3
3	27.4	25.5
4	26.8	25.8
5	25.3	22.4
6	22.2	22.4
7	24.0	22.2
8	25.3	23.7
9	22.9	22.5
10	25.0	22.6

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 2
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1-8	8-14
11	24.0	22.2
12	24.4	23.1
13	27.3	25.3
14	20.7	20.5
15	28.6	25.8
16	22.1	21.6
17	23.7	21.8
18	26.8	27.4
19	25.7	24.9
20	25.1	25.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 3
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1-8	8-14
21	25.1	24.5
22	26.6	22.7
23	23.7	21.5
24	24.5	21.9
25	23.2	23.4
26	21.8	21.3
27	26.1	27.4
28	27.6	25.7
29	24.5	23.1
30	24.3	21.3

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 4
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1-8	8-14
31	27.6	23.7
32	22.5	19.1
33	23.5	20.7
34	25.4	21.0
35	21.0	22.3
36	21.0	23.5
37	24.3	23.3
38	26.9	22.1
39 (A)	---	---
40	27.7	25.1

(A) Spontaneous death

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 1
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1-7
1	24.8
2	23.8
3	26.4
4	26.8
5	25.3
6	22.4
7	23.0
8	24.3
9	24.5
10	24.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 2
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1-7
11	26.8
12	25.4
13	25.8
14	23.2
15	27.3
16	22.7
17	23.5
18	27.4
19	25.9
20	23.7

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 3
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1-7
21	25.9
22	27.4
23	23.1
24	22.3
25	23.9
26	24.0
27	27.9
28	25.7
29	20.8
30	25.8

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 4
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF MALES REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1-7
31	25.8
32	26.4
33	24.6
34	24.1
35	26.5
36	24.6
37	22.0
38	25.0
40	24.5

RCC STUDY NUMBER 851639 BW-IND - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
1	313	321	320	321	326	340	344	346
2	306	313	315	319	323	332	334	342
3	316	325	327	331	335	340	350	350
4	324	331	332	338	341	352	355	361
5	320	321	324	326	332	336	337	343
6	292	296	300	303	303	313	317	319
7	312	313	317	321	319	324	329	333
8	308	310	317	319	322	330	331	333
9	310	313	312	311	315	322	324	329
10	298	306	307	307	314	316	321	321

DAYS ANIMAL	9	10	11	12	13	14
1	349	346	353	361	359	369
2	342	348	351	357	353	358
3	350	349	355	361	358	368
4	363	364	368	373	378	384
5	341	344	344	348	348	353
6	323	322	325	327	333	336
7	335	336	335	341	340	346
8	340	343	346	347	349	352
9	330	327	332	337	336	342
10	323	324	328	328	332	336

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 2
13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
11	292	298	297	301	305	307	317	315
12	307	316	316	319	325	334	337	341
13	313	323	324	325	328	340	343	341
14	307	311	315	321	323	329	331	336
15	317	325	326	333	333	346	350	353
16	280	287	287	291	296	299	304	300
17	308	315	311	312	315	323	321	327
18	335	339	341	348	347	360	362	365
19	302	314	309	312	319	323	327	331
20	316	323	321	329	332	335	338	347

DAYS ANIMAL	9	10	11	12	13	14
11	315	316	320	326	330	335
12	346	344	347	350	355	358
13	346	352	355	360	361	371
14	336	333	337	342	345	348
15	354	356	359	362	369	369
16	313	306	310	313	310	319
17	328	330	328	330	335	341
18	372	371	375	379	384	395
19	332	334	337	340	341	347
20	349	352	357	365	368	371

RCC STUDY NUMBER 851639 BW-IND - 3
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
21	309	312	317	322	324	333	333	341
22	318	318	321	323	329	340	340	341
23	295	299	299	307	304	307	308	319
24	308	312	314	323	323	325	326	329
25	300	304	308	312	313	316	316	325
26	310	311	316	318	322	323	326	327
27	331	334	334	336	341	345	357	358
28	322	326	331	333	340	353	351	352
29	308	311	317	320	322	324	325	333
30	305	308	312	315	322	326	323	332

DAYS ANIMAL	9	10	11	12	13	14
21	347	343	351	358	361	365
22	346	348	349	355	358	359
23	316	318	322	320	326	330
24	336	337	338	340	340	351
25	329	324	330	334	336	344
26	327	324	328	332	335	341
27	360	361	369	372	374	381
28	353	358	362	369	370	376
29	335	341	344	346	347	354
30	329	335	341	337	344	343

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 4
13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
31	314	317	321	331	326	338	342	343
32	307	309	309	310	313	320	323	324
33	306	306	310	315	312	322	324	328
34	324	326	331	334	335	333	340	346
35	321	322	324	331	337	336	335	336
36	301	305	306	307	306	314	312	317
37	306	310	312	315	320	327	330	331
38	316	321	320	331	334	334	340	350
39 (A)	317	321	327	---	---	---	---	---
40	315	317	324	327	330	335	336	346

DAYS ANIMAL	9	10	11	12	13	14
31	339	343	354	356	353	363
32	319	324	325	324	327	328
33	327	327	330	333	338	345
34	349	349	354	357	354	350
35	338	339	347	353	359	363
36	313	312	318	325	328	332
37	336	337	340	346	347	351
38	347	353	349	355	354	356
39 (A)	---	---	---	---	---	---
40	343	347	356	353	354	359

(A) Spontaneous death

RCC STUDY NUMBER 851639 BW-IND - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
1	358	364	371	367	373	363	369
2	360	358	366	358	368	371	360
3	363	359	361	363	369	369	369
4	381	377	388	391	392	397	401
5	357	358	356	362	366	369	374
6	332	338	338	341	342	344	346
7	336	340	344	345	352	354	354
8	354	354	357	359	361	360	363
9	338	344	348	345	354	361	358
10	338	338	338	340	344	347	346

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 2
13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
11	323	329	327	332	338	339	341
12	362	364	370	368	373	375	380
13	368	372	371	374	377	383	385
14	342	342	346	347	359	356	365
15	367	366	370	371	380	384	389
16	316	318	319	322	326	328	332
17	335	335	344	344	351	353	355
18	383	388	393	394	400	405	404
19	345	344	346	343	349	352	354
20	372	374	377	382	383	384	387

RCC STUDY NUMBER 851639 BW-IND - 3
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
21	365	362	351	350	353	359	362
22	346	352	362	364	367	372	376
23	321	325	329	327	333	340	336
24	347	342	346	343	348	353	355
25	342	341	344	342	343	346	349
26	332	333	338	342	345	348	355
27	379	376	385	386	394	400	406
28	374	378	379	380	383	386	387
29	356	353	354	350	353	357	355
30	342	341	338	346	344	348	348

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 4
13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
31	363	363	363	362	364	365	375
32	333	335	321	327	331	341	339
33	347	342	348	329	338	349	353
34	342	351	349	330	342	355	354
35	354	352	361	366	374	375	375
36	331	325	327	334	338	342	346
37	345	347	354	353	354	358	362
38	344	347	349	353	358	363	365
40	351	354	363	361	358	366	370

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 1
13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
1	376	379	380	383	386	394	387	375
2	366	370	369	375	378	371	374	360
3	373	375	376	385	385	388	385	374
4	401	403	405	414	416	415	417	405
5	376	380	385	385	386	386	390	376
6	348	353	351	356	359	356	353	344
7	356	358	358	362	364	361	361	355
8	364	369	369	378	378	373	378	369
9	366	367	371	377	375	372	371	360
10	348	352	355	358	357	354	357	345

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 2
13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
11	346	350	352	354	352	350	355	345
12	382	382	388	392	395	396	397	383
13	382	388	389	391	394	394	397	383
14	366	370	369	376	381	377	376	366
15	391	400	397	401	405	401	405	388
16	335	338	338	343	340	342	342	331
17	360	360	363	363	368	365	366	358
18	411	416	418	417	426	421	431	415
19	354	358	359	367	369	366	371	358
20	389	393	394	396	400	394	397	382

RCC STUDY NUMBER 851639 BW-IND - 3
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
21	365	371	374	380	379	384	384	368
22	379	383	386	392	396	397	398	385
23	338	345	342	342	348	348	345	335
24	355	358	358	367	365	364	364	348
25	357	356	356	361	365	360	362	348
26	359	367	367	372	372	372	369	365
27	405	414	413	417	419	420	422	403
28	386	396	398	399	402	402	403	389
29	351	358	354	358	357	355	356	347
30	348	359	357	363	365	363	364	353

RCC STUDY NUMBER 851639 BW-IND - 4
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF MALES
REPRODUCTIVE GROUPS - AFTER PAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
31	367	374	375	380	383	379	379	369
32	345	351	356	358	364	358	363	349
33	354	355	359	364	369	365	374	355
34	358	364	365	366	369	369	368	356
35	380	385	387	394	399	396	395	382
36	343	349	356	359	359	356	357	345
37	364	369	367	356	367	361	363	353
38	365	374	376	377	381	376	380	371
40	366	370	373	375	381	375	385	362

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 1
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES TOXICITY GROUPS - TREATMENT PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1-8	8-15	15-22	22-28
81	18.8	18.4	17.8	18.2
82	15.4	15.9	16.6	17.0
83	19.6	17.8	18.3	18.5
84	19.8	17.5	18.1	19.9
85	18.5	18.6	18.8	18.6
86	14.6	16.2	16.1	16.8
87	16.4	15.6	14.4	15.8
88	16.9	16.5	17.3	16.7
89	19.7	20.2	19.8	21.5
90	17.5	15.8	14.6	16.4

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 2
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES TOXICITY GROUPS - TREATMENT PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1-8	8-15	15-22	22-28
91	17.7	17.4	18.5	18.9
92	18.9	18.0	18.8	18.7
93	16.1	16.7	17.6	17.5
94	18.3	18.6	19.5	19.9
95	16.5	16.1	16.4	16.5
96	18.9	17.5	17.4	18.5
97	16.2	16.4	17.1	16.3
98	24.4	20.4	20.6	22.0
99	18.8	18.7	18.5	19.6
100	14.4	18.0	18.2	18.7

RCC STUDY NUMBER 851639 FC-IND - 3
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES TOXICITY GROUPS - TREATMENT PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1-8	8-15	15-22	22-28
101	17.2	17.2	17.8	17.2
102	19.0	19.1	19.3	19.8
103	16.6	16.6	17.6	17.7
104	19.7	21.7	20.3	20.5
105	17.2	17.0	16.9	16.4
106	18.7	18.8	18.5	20.1
107	16.1	14.1	14.2	15.0
108 (A)	17.1	---	---	---
109	15.8	14.7	14.7	14.7
110	16.8	16.1	15.6	16.1

(A) Spontaneous death

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 4
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES TOXICITY GROUPS - TREATMENT PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1-8	8-15	15-22	22-28
111	10.5	17.1	17.0	17.8
112	17.2	16.9	17.5	17.9
113	15.6	15.9	15.3	16.5
114	18.4	19.1	18.9	18.5
115	17.3	13.1	16.7	18.3
116	17.5	17.0	18.4	17.7
117	17.1	15.7	16.7	19.3
118	19.6	18.8	16.7	18.3
119	18.0	16.9	17.0	18.0
120	18.3	18.2	18.4	19.1

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 1
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
81	216	218	219	214	217	223	227	228
82	199	200	198	194	200	206	207	205
83	225	224	227	228	229	230	238	239
84	197	194	203	206	204	203	209	212
85	202	205	205	201	206	209	210	213
86	197	199	198	194	199	206	203	199
87	187	196	199	197	195	201	207	207
88	218	218	213	218	224	226	221	230
89	219	218	216	219	223	224	221	228
90	187	195	198	196	192	197	204	205

DAYS ANIMAL	9	10	11	12	13	14	15	16
81	229	230	233	231	233	237	235	233
82	211	212	211	208	211	216	213	214
83	241	234	239	245	246	243	249	251
84	212	208	210	217	215	211	218	219
85	216	217	219	214	218	226	223	221
86	205	204	203	203	209	210	208	207
87	206	205	211	210	209	213	214	216
88	233	232	231	235	240	240	236	243
89	229	232	225	233	233	232	230	232
90	197	204	206	206	199	207	210	210

DAYS ANIMAL	17	18	19	20	21	22	23	24
81	236	237	240	235	242	246	249	244
82	221	220	218	216	224	230	229	229
83	252	250	254	258	255	255	258	261
84	217	215	222	227	224	223	228	231
85	224	232	229	228	233	239	236	232
86	211	213	214	210	216	221	220	215
87	215	216	219	219	216	222	226	223
88	246	246	242	249	248	253	249	251
89	236	232	230	237	237	238	235	241
90	208	209	212	213	207	212	216	217

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 2
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	25	26	27	28	29
81	248	248	245	242	239
82	227	229	229	224	221
83	258	255	257	261	250
84	230	221	229	232	220
85	236	239	238	235	229
86	218	223	220	215	211
87	221	224	225	225	216
88	252	254	252	252	246
89	243	239	239	242	233
90	211	214	220	219	210

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 3
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
91	213	216	209	213	216	221	211	219
92	206	208	210	206	213	215	218	219
93	201	199	196	202	206	209	202	213
94	214	213	209	216	220	225	216	228
95	196	201	203	203	200	207	208	210
96	217	220	223	224	223	224	228	230
97	200	199	197	202	205	209	203	209
98	207	212	215	213	213	219	222	225
99	199	206	206	206	205	213	213	216
100	190	192	194	185	194	199	201	195

DAYS ANIMAL	9	10	11	12	13	14	15	16
91	223	221	217	220	226	229	222	227
92	221	225	226	223	226	230	228	226
93	214	213	210	218	222	222	218	225
94	227	228	225	230	231	236	236	237
95	208	211	217	216	214	220	224	224
96	229	229	230	235	235	233	235	236
97	213	209	208	213	218	219	215	219
98	223	221	226	228	225	229	229	232
99	214	220	222	224	219	227	226	227
100	202	206	207	200	205	214	208	205

DAYS ANIMAL	17	18	19	20	21	22	23	24
91	229	234	231	232	236	239	232	242
92	231	230	233	229	234	238	238	232
93	228	230	225	229	233	235	231	237
94	243	244	237	247	248	250	246	254
95	221	223	230	230	223	230	233	232
96	238	236	240	243	242	241	246	250
97	222	222	221	226	228	232	229	230
98	231	232	238	242	235	244	248	247
99	226	228	227	229	227	237	237	237
100	216	216	214	208	219	220	218	215

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 4
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	25	26	27	28	29
91	241	238	235	240	232
92	237	241	239	236	226
93	239	239	235	239	231
94	250	252	245	253	242
95	228	232	234	233	224
96	248	244	246	251	238
97	232	232	228	232	220
98	242	245	248	247	236
99	232	236	237	238	225
100	218	220	220	215	211

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 5
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
101	205	207	202	208	213	218	213	216
102	230	233	230	230	236	238	239	239
103	193	195	199	197	195	201	207	206
104	217	223	226	218	225	230	235	238
105	209	212	212	207	214	217	220	216
106	198	204	208	204	206	212	218	213
107	191	195	195	197	196	200	202	206
108 (A)	197	199	203	198	201	207	211	209
109	192	197	198	196	198	207	207	208
110	200	206	205	201	206	210	212	213

DAYS ANIMAL	9	10	11	12	13	14	15	16
101	221	216	217	223	226	226	224	228
102	243	243	243	240	247	250	251	251
103	206	206	211	213	213	216	216	217
104	240	242	244	235	246	247	249	241
105	223	217	222	222	226	228	229	226
106	211	215	216	217	216	224	224	225
107	207	202	203	200	206	205	205	207
108 (A)	208	---	---	---	---	---	---	---
109	207	206	215	210	205	213	216	213
110	217	216	219	216	223	222	223	222

DAYS ANIMAL	17	18	19	20	21	22	23	24
101	228	229	228	232	235	242	233	241
102	256	255	258	257	259	265	263	261
103	214	220	221	220	223	229	230	226
104	251	254	256	249	256	259	259	251
105	231	230	231	231	235	240	241	230
106	225	229	230	229	227	232	234	233
107	210	213	211	212	209	213	215	211
108 (A)	---	---	---	---	---	---	---	---
109	213	218	218	217	216	223	222	223
110	226	230	230	229	228	234	229	228

(A) Spontaneous death

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 6
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	25	26	27	28	29
101	242	241	234	241	228
102	263	266	265	260	255
103	224	227	228	228	218
104	258	262	259	256	249
105	241	238	239	235	226
106	231	237	237	234	220
107	213	215	215	218	209
108 (A)	---	---	---	---	---
109	221	223	223	221	214
110	232	235	233	235	223

(A) Spontaneous death

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 7
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
111	192	195	193	189	197	179	178	188
112	205	204	208	205	203	209	216	218
113	216	203	207	208	211	211	218	218
114	216	218	217	215	217	225	226	229
115	192	193	198	194	194	197	201	201
116	198	199	205	204	206	213	215	215
117	215	215	222	220	223	219	230	231
118	219	221	222	225	228	229	227	235
119	221	221	224	224	226	225	230	237
120	201	201	197	201	206	208	200	207

DAYS ANIMAL	9	10	11	12	13	14	15	16
111	195	198	204	203	203	209	216	214
112	210	216	221	222	218	225	230	228
113	223	215	218	222	225	221	228	226
114	236	227	232	231	231	237	236	237
115	193	194	198	199	196	202	202	204
116	212	213	213	213	211	218	218	220
117	236	227	231	235	235	238	236	236
118	235	230	231	235	239	239	239	243
119	236	232	234	240	240	240	240	244
120	212	208	208	212	216	218	208	217

DAYS ANIMAL	17	18	19	20	21	22	23	24
111	210	217	221	221	216	224	230	227
112	229	233	232	235	231	236	237	240
113	225	226	228	229	230	231	236	237
114	239	242	242	242	241	250	248	244
115	200	208	211	208	205	213	219	215
116	220	224	226	226	227	228	229	224
117	242	239	247	250	250	249	254	253
118	241	243	250	242	245	258	248	249
119	246	244	244	245	248	247	250	247
120	221	219	218	224	224	226	220	226

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 8
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
TOXICITY GROUPS - TREATMENT PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	25	26	27	28	29
111	224	228	231	228	216
112	233	236	235	239	226
113	237	232	237	239	227
114	249	250	243	243	236
115	210	219	219	215	206
116	226	227	227	228	221
117	254	250	258	259	258
118	249	245	247	251	240
119	249	246	247	249	240
120	227	229	225	229	213

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 5
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1-8	8-14
41	17.1	17.8
42	16.6	16.9
43	19.0	16.6
44	16.7	16.5
45	17.8	18.0
46	14.3	14.8
47	15.6	15.1
48	18.3	16.5
49	17.8	15.4
50	16.8	15.7

RCC STUDY NUMBER 851639 FC-IND - 6
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1-8	8-14
51	17.4	15.6
52	15.1	14.6
53	13.7	13.4
54	17.1	17.3
55	21.3	20.3
56	15.0	14.1
57	16.0	14.3
58	17.6	15.8
59	17.9	17.6
60	14.8	13.6

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 7
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1-8	8-14
61	18.4	18.0
62	17.4	15.9
63	18.8	17.5
64	16.7	15.0
65	19.5	17.8
66	19.4	19.1
67	18.5	16.1
68	16.7	16.5
69	17.1	16.1
70	18.4	17.2

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 8
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF FEMALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1-8	8-14
71	16.4	16.0
72	16.9	15.7
73	18.1	16.8
74	26.5	22.3
75	18.8	17.9
76	15.9	14.9
77	16.9	15.5
78	18.8	18.3
79	18.0	15.1
80	21.4	19.8

RCC STUDY NUMBER 851639 FC-IND - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	0-7	7-14	14-21
41	21.5	23.9	25.9
42	19.5	20.6	22.4
43	20.9	23.9	25.3
44	21.0	20.9	21.8
45	23.1	24.5	26.0
46	19.6	25.2	21.5
47	20.5	23.4	21.7
48	22.0	23.8	25.4
49	20.1	22.5	24.5
50	22.9	26.2	25.5

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 2
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	0-7	7-14	14-21
51	22.8	24.6	25.0
52	19.4	23.1	25.0
53	17.8	20.3	21.0
54	22.2	24.9	26.3
55	22.7	25.1	28.1
56	18.0	20.2	22.3
57	20.1	21.3	25.2
58	21.0	24.7	26.4
59	21.4	21.7	22.4
60	19.1	19.5	20.9

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 3
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	0-7	7-14	14-21
61	24.9	25.0	25.2
62	20.7	24.7	25.7
63	21.1	23.2	24.0
64	23.8	25.2	26.8
65	22.0	24.8	23.8
66	23.0	21.7	25.5
67	22.6	22.4	22.0
68	21.1	21.2	23.3
69	20.5	23.1	25.4
70	22.5	24.4	24.8

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 4
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	0-7	7-14	14-21
71	21.5	22.0	23.1
72	20.3	21.5	24.6
73	22.3	23.3	25.3
74	20.0	22.2	24.2
75	23.3	24.9	25.0
76	19.4	22.3	23.1
77	22.0	24.6	25.5
78	24.7	25.7	28.4
79 (A)	20.9	20.5	17.2
80	26.6	30.3	28.6

(A) Non-pregnant

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 1
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1-4
41	29.8
42	31.0
43	30.0
44	29.5
45	40.3
46	37.9
47	25.7
48	32.9
49	33.2
50	25.2

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 2
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1-4
51	24.0
52	44.5
53	31.1
54	28.4
55	29.8
56	27.2
57	38.5
58	37.6
59	36.5
60	30.2

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 3
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1-4
61	37.1
62	31.1
63	32.0
64	37.2
65	37.8
66	39.9
67	31.1
68	33.5
69	34.8
70	27.2

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FC-IND - 4
13-APR-05

FOOD CONSUMPTION (G/ANIMAL/DAY) OF DAMS REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1-4
71	26.1
72	35.3
73	34.8
74	34.8
75	28.5
76	35.2
77	30.8
78	45.2
80	38.6

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 5
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
41	199	205	203	199	203	209	209	204
42	185	192	194	196	196	199	199	198
43	209	215	216	217	213	220	224	224
44	200	196	201	205	203	205	207	209
45	212	203	213	218	219	213	221	222
46	187	186	182	181	186	188	190	185
47	200	204	202	200	204	209	207	206
48	236	235	239	232	240	241	243	240
49	201	195	214	215	207	213	217	219
50	200	197	203	205	206	201	206	207

DAYS ANIMAL	9	10	11	12	13	14
41	210	214	212	211	215	219
42	198	203	203	206	208	217
43	221	228	230	229	225	232
44	212	213	212	214	214	219
45	224	224	226	232	231	230
46	191	194	192	190	197	204
47	210	218	215	212	219	223
48	247	250	249	242	251	255
49	213	220	223	222	220	223
50	206	205	211	212	212	210

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 6
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
51	207	216	218	220	213	222	230	225
52	193	192	220	189	191	189	195	198
53	189	188	192	192	190	192	191	196
54	225	230	229	228	228	229	223	234
55	225	228	223	232	228	235	241	237
56	176	178	180	182	184	180	187	187
57	215	217	218	213	220	225	222	221
58	222	227	228	223	225	228	231	227
59	214	213	216	220	221	222	227	228
60	183	184	187	184	187	190	190	189

DAYS ANIMAL	9	10	11	12	13	14
51	218	226	230	233	233	234
52	200	197	202	204	203	205
53	197	198	200	200	203	206
54	234	233	235	238	240	243
55	239	244	246	252	247	251
56	194	189	193	198	196	194
57	226	228	229	226	233	238
58	231	231	229	236	240	239
59	230	228	234	236	238	237
60	195	200	197	193	200	202

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 7
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
61	208	206	214	215	216	218	225	223
62	209	215	209	216	215	211	213	219
63	198	203	198	204	208	206	204	213
64	220	197	209	211	212	211	213	216
65	221	214	221	226	223	219	228	235
66	233	238	233	232	235	238	238	238
67	209	212	217	211	216	219	218	219
68	195	197	202	200	199	207	210	208
69	220	213	221	219	221	216	225	231
70	214	212	208	214	219	216	211	218

DAYS ANIMAL	9	10	11	12	13	14
61	227	218	222	228	231	228
62	219	225	221	225	226	232
63	212	209	208	213	214	219
64	216	212	218	223	223	217
65	232	227	237	239	236	241
66	245	245	244	241	247	250
67	224	227	231	222	227	235
68	204	213	217	217	213	221
69	229	226	231	234	230	233
70	223	227	217	228	227	234

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 8
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
REPRODUCTIVE GROUPS - PREPAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7	8
71	193	198	201	201	196	203	208	207
72	204	204	214	209	206	211	211	216
73	215	219	222	219	221	226	228	226
74	205	209	221	208	211	209	206	214
75	213	211	210	215	217	217	211	220
76	197	196	190	201	201	204	202	200
77	229	226	215	222	225	223	221	227
78	208	211	213	216	215	216	217	225
79	222	226	229	229	225	233	240	240
80	229	234	234	231	234	240	240	234

DAYS ANIMAL	9	10	11	12	13	14
71	202	206	210	211	209	217
72	212	215	221	221	223	228
73	221	229	236	235	232	241
74	218	223	221	218	218	221
75	221	219	217	222	225	231
76	205	207	206	203	201	209
77	232	224	222	232	234	233
78	223	222	221	230	232	234
79	236	237	240	241	236	242
80	241	245	245	244	246	254

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 5
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
41	216	217	219	219	221	---	---
42	210	208	209	208	217	214	---
43	235	231	---	---	---	---	---
44	216	222	222	---	---	---	---
45	235	236	240	---	---	---	---
46	201	---	---	---	---	---	---
47	225	---	---	---	---	---	---
48	253	254	260	258	265	---	---
49	224	225	227	---	---	---	---
50	219	219	215	---	---	---	---

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 6
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
51	240	234	---	---	---	---	---
52	209	210	211	---	---	---	---
53	---	---	---	---	---	---	---
54	---	---	---	---	---	---	---
55	254	253	---	---	---	---	---
56	199	201	202	---	---	---	---
57	237	---	---	---	---	---	---
58	---	---	---	---	---	---	---
59	236	241	244	---	---	---	---
60	201	---	---	---	---	---	---

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 7
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
61	237	236	239	---	---	---	---
62	---	---	---	---	---	---	---
63	---	---	---	---	---	---	---
64	223	225	229	---	---	---	---
65	239	240	242	---	---	---	---
66	247	---	---	---	---	---	---
67	234	---	---	---	---	---	---
68	222	222	---	---	---	---	---
69	237	238	239	---	---	---	---
70	---	---	---	---	---	---	---

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 8
13-APR-05

BODY WEIGHTS (GRAM) OF FEMALES
REPRODUCTIVE GROUPS - PAIRING PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1	2	3	4	5	6	7
71	218	218	---	---	---	---	---
72	229	227	---	---	---	---	---
73	242	241	---	---	---	---	---
74	229	231	230	---	---	---	---
75	---	---	---	---	---	---	---
76	211	209	---	---	---	---	---
77	---	---	---	---	---	---	---
78	---	---	---	---	---	---	---
79	246	247	---	---	---	---	---
80	249	---	---	---	---	---	---

RCC STUDY NUMBER 851639 BW-IND - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	0	1	2	3	4	5	6	7
41	218	224	233	233	234	239	243	243
42	218	216	223	225	230	236	232	233
43	234	236	238	239	242	247	253	257
44	222	229	234	237	236	240	244	246
45	239	246	251	252	259	262	261	266
46	202	206	214	212	220	220	230	231
47	223	228	233	235	241	246	251	255
48	264	269	274	279	283	288	286	292
49	229	236	237	240	246	247	251	253
50	217	226	231	234	241	240	245	249

DAYS ANIMAL	8	9	10	11	12	13	14	15
41	246	250	255	259	264	268	273	279
42	234	237	241	251	251	254	257	270
43	259	263	267	270	279	280	289	296
44	245	249	252	261	261	263	269	273
45	272	270	272	281	288	290	297	300
46	231	238	239	243	246	252	255	264
47	255	259	265	268	273	274	276	280
48	293	295	302	310	315	320	323	326
49	258	262	266	271	278	281	284	292
50	257	255	257	264	270	273	279	284

DAYS ANIMAL	16	17	18	19	20	21	22	23
41	293	303	320	331	349	347	---	---
42	277	289	302	314	320	324	---	---
43	303	313	325	339	348	360	365	---
44	277	290	304	316	329	340	---	---
45	309	318	333	353	367	383	385	---
46	277	283	296	309	322	328	321	---
47	291	298	306	314	329	345	---	---
48	339	353	358	369	381	388	306	---
49	299	316	330	338	350	361	372	---
50	290	301	311	324	335	349	346	---

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 3
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	0	1	2	3	4	5	6	7
51	233	239	246	247	255	256	260	263
52	215	215	219	216	225	229	232	232
53	205	205	213	212	211	218	219	226
54	245	244	253	260	257	261	265	273
55	251	254	259	261	268	274	274	275
56	201	203	208	212	215	216	219	221
57	239	245	247	251	255	256	265	265
58	245	247	252	256	258	263	268	273
59	243	248	252	252	261	262	263	268
60	205	211	214	213	220	223	220	226

DAYS ANIMAL	8	9	10	11	12	13	14	15
51	271	273	275	280	287	289	297	302
52	239	238	242	248	250	254	260	263
53	227	226	230	238	243	241	250	249
54	270	278	281	288	292	296	300	306
55	282	286	287	290	294	299	305	315
56	225	227	228	235	239	243	247	254
57	267	274	279	283	284	290	291	299
58	279	282	289	295	299	298	303	308
59	270	277	279	284	286	291	297	305
60	233	228	235	239	242	245	254	258

DAYS ANIMAL	16	17	18	19	20	21	22	23
51	313	324	342	352	370	375	---	---
52	270	275	289	298	307	319	320	---
53	261	268	275	282	293	305	301	---
54	321	332	346	361	376	390	---	---
55	319	332	346	360	380	394	403	---
56	263	270	278	294	307	309	---	---
57	307	321	330	343	357	368	371	---
58	319	330	343	354	368	386	391	---
59	315	326	341	357	374	379	---	---
60	272	280	288	301	322	327	325	---

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 5
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	0	1	2	3	4	5	6	7
61	239	243	248	252	261	264	266	271
62	225	230	235	239	242	243	247	251
63	212	216	224	223	228	231	236	243
64	230	236	238	246	249	253	254	260
65	240	244	251	253	256	259	264	264
66	248	259	261	265	268	275	277	281
67	235	241	245	248	251	254	260	265
68	225	228	233	238	241	246	250	249
69	242	242	249	252	256	260	261	263
70	231	236	238	244	246	247	250	258

DAYS ANIMAL	8	9	10	11	12	13	14	15
61	276	273	277	282	282	286	290	299
62	249	255	260	268	271	277	281	288
63	243	245	250	257	255	260	269	268
64	263	269	271	275	279	288	293	304
65	272	272	274	281	284	293	293	302
66	280	287	292	291	300	303	313	318
67	269	272	272	274	278	285	288	297
68	254	260	259	264	265	269	271	278
69	274	268	273	278	281	286	292	297
70	261	261	267	275	274	278	281	292

DAYS ANIMAL	16	17	18	19	20	21	22	23
61	306	313	329	350	362	373	377	---
62	297	312	321	333	345	360	362	---
63	280	290	302	315	331	339	---	---
64	313	324	346	361	374	392	382	---
65	309	323	336	347	363	377	373	---
66	323	339	356	368	382	400	393	---
67	300	313	328	338	356	367	361	---
68	289	298	316	329	347	355	---	---
69	310	322	340	355	372	390	---	---
70	300	311	322	334	344	358	352	---

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 7
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	0	1	2	3	4	5	6	7
71	216	224	226	229	232	240	241	241
72	224	231	235	236	238	246	246	248
73	239	248	255	257	261	263	266	269
74	229	234	235	240	245	248	250	252
75	223	230	235	241	247	244	249	251
76	211	215	219	219	227	227	231	234
77	230	235	240	245	248	250	255	262
78	231	234	243	243	248	254	257	266
79 (A)	252	256	258	259	262	259	262	263
80	252	252	256	264	267	271	279	284

DAYS ANIMAL	8	9	10	11	12	13	14	15
71	242	247	248	250	253	259	264	267
72	249	254	253	261	264	267	274	277
73	274	274	281	285	287	296	302	306
74	259	261	265	271	273	278	282	291
75	256	257	260	263	266	268	276	283
76	232	241	244	246	254	259	269	274
77	265	263	270	274	276	279	285	290
78	267	273	276	285	291	281	287	297
79 (A)	268	273	271	269	267	264	269	267
80	289	295	303	298	300	311	313	320

DAYS ANIMAL	16	17	18	19	20	21	22	23
71	271	278	282	295	308	313	315	---
72	288	300	315	330	340	352	---	---
73	320	330	342	356	370	378	388	---
74	302	312	326	338	348	355	---	---
75	292	302	313	320	329	342	---	---
76	286	293	312	324	337	348	337	---
77	302	314	324	338	352	355	---	---
78	303	320	336	351	372	386	381	---
79 (A)	268	268	270	274	274	271	278	277
80	333	343	356	371	388	404	381	---

(A) Non-pregnant

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 8
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - GESTATION PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	24
71	---
72	---
73	---
74	---
75	---
76	---
77	---
78	---
79 (A)	275
80	---

(A) Non-pregnant

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 1
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 1 (0 MG/KG)

DAYS ANIMAL	1	2	3	4
41	251	255	260	271
42	244	253	256	264
43	289	283	287	285
44	239	241	247	254
45	276	278	291	303
46	219	233	245	251
47	272	277	277	271
48	301	304	302	308
49	271	274	282	278
50	260	264	268	274

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 2
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 2 (100 MG/KG)

DAYS ANIMAL	1	2	3	4
51	277	273	270	275
52	261	260	276	268
53	242	238	239	242
54	272	269	273	288
55	313	310	300	311
56	243	242	242	247
57	285	284	290	296
58	299	298	301	305
59	268	268	277	288
60	229	228	237	250

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 3
13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 3 (500 MG/KG)

DAYS ANIMAL	1	2	3	4
61	279	274	285	309
62	269	269	265	265
63	253	255	256	269
64	266	270	275	282
65	285	284	291	303
66	304	303	305	312
67	249	260	264	277
68	246	254	262	272
69	275	278	287	298
70	270	266	268	270

RCC STUDY NUMBER 851639 BW-IND - 4
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

BODY WEIGHTS (GRAM) OF DAMS
REPRODUCTIVE GROUPS - LACTATION PERIOD

GROUP 4 (1000 MG/KG)

DAYS ANIMAL	1	2	3	4
71	255	256	256	264
72	263	278	277	287
73	284	288	280	292
74	268	272	278	293
75	264	257	257	269
76	233	240	244	254
77	286	284	289	282
78	280	285	292	300
80	312	318	311	320

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL CLINICAL SIGNS AND OBSERVATIONS - MALES

PRE-PAIRING PERIOD

Group (mg/kg)	Male Nos.	Noted on day(s)	Clinical signs/observations
1 (0)	1, 2, 4-10	1 - 14	No clinical signs or observations were noted
	3	1 - 6	No clinical signs or observations were noted
		7 - 14	Left shoulder, wound (diameter approx. 15 mm)
2 (100)	11 - 20	1 - 14	No clinical signs or observations were noted
3 (500)	21 - 30	1 - 14	No clinical signs or observations were noted
4 (1000)	31 - 38, 40	1 - 14	No clinical signs or observations were noted
	39	1 - 3	No clinical signs or observations were noted
		4	Found dead in the morning

PAIRING PERIOD

Group (mg/kg)	Male Nos.	Noted on day(s)	Clinical signs/observations
1 (0)	1, 2, 4-10	1 - mating	No clinical signs or observations were noted
	3	1 - mating	Left shoulder, wound (diameter approx. 15 mm)
2 (100)	11 - 20	1 - mating	No clinical signs or observations were noted
3 (500)	21 - 30	1 - mating	No clinical signs or observations were noted
4 (1000)	31 - 38, 40	1 - mating	No clinical signs or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL CLINICAL SIGNS AND OBSERVATIONS - MALES

AFTER PAIRING PERIOD

Group (mg/kg)	Male Nos.	Noted on day(s)	Clinical signs/observations
1 (0)	1, 2, 4-10	1 - 8	No clinical signs or observations were noted
	3	1	Left shoulder, wound (diameter approx. 15 mm)
		2 - 8	No clinical signs or observations were noted
2 (100)	11 - 20	1 - 8	No clinical signs or observations were noted
3 (500)	21 - 30	1 - 8	No clinical signs or observations were noted
4 (1000)	31 - 38, 40	1 - 8	No clinical signs or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL FINDINGS AT DETAILED WEEKLY CLINICAL OBSERVATIONS - MALES

Group (mg/kg)	Male Nos.	Noted on day(s)	Findings/observations
1 (0)	1 - 10	07-SEP-2004 (Pretest)	No findings or observations were noted
	1 - 10	14-SEP-2004 (Pretest)	No findings or observations were noted
	1 - 10	22-SEP-2004	No findings or observations were noted
	1, 2, 4 - 10	29-SEP-2004	No findings or observations were noted
	3		Left shoulder, wound (diameter approx. 15 mm)
	1, 2, 4 - 10	04-OCT-2004	No findings or observations were noted
	3		Left shoulder, wound (diameter approx. 15 mm)
	1, 2, 4 - 10	11-OCT-2004	No findings or observations were noted
	3		Left shoulder, wound (diameter approx. 15 mm)
2 (100)	11 - 20	07-SEP-2004 (Pretest)	No findings or observations were noted
	11 - 20	14-SEP-2004 (Pretest)	No findings or observations were noted
	11 - 20	22-SEP-2004	No findings or observations were noted
	11 - 18, 20	29-SEP-2004	No findings or observations were noted
	11 - 18, 20	04-OCT-2004	No findings or observations were noted
	11 - 18, 20	11-OCT-2004	No findings or observations were noted
3 (500)	21 - 30	07-SEP-2004 (Pretest)	No findings or observations were noted
	21 - 30	14-SEP-2004 (Pretest)	No findings or observations were noted
	21 - 30	22-SEP-2004	No findings or observations were noted
	21 - 30	29-SEP-2004	No findings or observations were noted
	21 - 30	04-OCT-2004	No findings or observations were noted
	21 - 30	11-OCT-2004	No findings or observations were noted
4 (1000)	31 - 40	07-SEP-2004 (Pretest)	No findings or observations were noted
	31 - 40	14-SEP-2004 (Pretest)	No findings or observations were noted
	31 - 40	22-SEP-2004	No findings or observations were noted
	31 - 38, 40	29-SEP-2004	No findings or observations were noted
	31 - 38, 40	04-OCT-2004	No findings or observations were noted
	31 - 38, 40	11-OCT-2004	No findings or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL CLINICAL SIGNS AND OBSERVATIONS - TOXICITY GROUPS FEMALES

Group (mg/kg)	Female No(s).	Noted on day(s)	Clinical signs/observations
1 (0)	81 - 90	1 - 29	No clinical signs or observations were noted
2 (100)	91 - 100	1 - 29	No clinical signs or observations were noted
3 (500)	101 - 107, 109, 110	1 - 29	No clinical signs or observations were noted
	108	1 - 8	No clinical signs or observations were noted
		9	Found dead after administration
4 (1000)	111 - 120	1 - 29	No clinical signs or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL FINDINGS AT DETAILED WEEKLY CLINICAL OBSERVATIONS - TOXICITY GROUPS FEMALES

Group (ppm)	Female Nos.	Noted on day(s)	Findings/observations
1 (0)	81 - 90	07-SEP-2004 (Pretest)	No findings or observations were noted
	81 - 90	14-SEP-2004 (Pretest)	No findings or observations were noted
	81 - 90	22-SEP-2004	No findings or observations were noted
	81 - 90	29-SEP-2004	No findings or observations were noted
	81 - 90	04-OCT-2004	No findings or observations were noted
	81 - 90	11-OCT-2004	No findings or observations were noted
2 (5)	91 - 100	07-SEP-2004 (Pretest)	No findings or observations were noted
	91 - 100	14-SEP-2004 (Pretest)	No findings or observations were noted
	91 - 100	22-SEP-2004	No findings or observations were noted
	91 - 100	29-SEP-2004	No findings or observations were noted
	91 - 100	04-OCT-2004	No findings or observations were noted
	91 - 100	11-OCT-2004	No findings or observations were noted
3 (25)	101 - 110	07-SEP-2004 (Pretest)	No findings or observations were noted
	101 - 110	14-SEP-2004 (Pretest)	No findings or observations were noted
	101 - 110	22-SEP-2004	No findings or observations were noted
	101 - 107 109, 110	29-SEP-2004	No findings or observations were noted
	101 - 107 109, 110	04-OCT-2004	No findings or observations were noted
	101 - 107 109, 110	11-OCT-2004	No findings or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL FINDINGS AT DETAILED WEEKLY CLINICAL OBSERVATIONS - TOXICITY GROUPS FEMALES

Group (ppm)	Female Nos.	Noted on day(s)	Findings/observations
4 (100)	111 - 120	07-SEP-2004 (Pretest)	No findings or observations were noted
	111 - 120	14-SEP-2004 (Pretest)	No findings or observations were noted
	111 - 120	22-SEP-2004	No findings or observations were noted
	111 - 120	29-SEP-2004	No findings or observations were noted
	111 - 120	04-OCT-2004	No findings or observations were noted
	111 - 120	11-OCT-2004	No findings or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL CLINICAL SIGNS AND OBSERVATIONS - REPRODUCTIVE GROUPS FEMALES

PRE-PAIRING PERIOD

Group (mg/kg)	Female No(s).	Noted on day(s)	Clinical signs/observations
1 (0)	41 - 50	1 - 14	No clinical signs or observations were noted
2 (100)	51 - 60	1 - 14	No clinical signs or observations were noted
3 (500)	61 - 70	1 - 14	No clinical signs or observations were noted
4 (1000)	71 - 74, 76 - 80	1 - 14	No clinical signs or observations were noted
	75	1 - 10 11 - 14	No clinical signs or observations were noted Wound in left axillary region

PAIRING PERIOD

Group (mg/kg)	Female No(s).	Noted on day(s)	Clinical signs/observations
1 (0)	41 - 50	1 - mating	No clinical signs or observations were noted
2 (100)	51 - 60	1 - mating	No clinical signs or observations were noted
3 (500)	61 - 70	1 - mating	No clinical signs or observations were noted
4 (1000)	71 - 80	1 - mating	No clinical signs or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL CLINICAL SIGNS AND OBSERVATIONS - REPRODUCTIVE GROUPS FEMALES

GESTATION PERIOD

Group (mg/kg)	Female No(s).	Noted on day(s) post coitum	Clinical signs/observations
1 (0)	41 - 50	0 - 21/22	No clinical signs or observations were noted
2 (100)	51 - 60	0 - 21/22	No clinical signs or observations were noted
3 (500)	61 - 70	0 - 21/22	No clinical signs or observations were noted

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3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL CLINICAL SIGNS AND OBSERVATIONS - REPRODUCTIVE GROUPS FEMALES

GESTATION PERIOD (CONT'D)

Group (mg/kg)	Female No(s).	Noted on day(s) post coitum	Clinical signs/observations
4 (1000)	71	0 - 14	No clinical signs or observations were noted
		15 - 22	Pushing head through bedding material after administration
	72	0 - 14	No clinical signs or observations were noted
		15	Stretched forelimbs, saltatory spasms, pushing head through bedding material after administration
		16 - 21	Pushing head through bedding material after administration
	73	0 - 14	No clinical signs or observations were noted
		15	Stretched forelimbs, pushing head through bedding material after administration
		16, 17	Pushing head through bedding material after administration
		18 - 21	Stretched forelimbs, saltatory spasms, pushing head through bedding material after administration
		22	Pushing head through bedding material after administration
	74	0 - 13	No clinical signs or observations were noted
		14 - 16	Pushing head through bedding material after administration
		17, 18	Stretched forelimbs, pushing head through bedding material after administration
		19 - 21	Pushing head through bedding material after administration
	75	0 - 16	Left shoulder wound
		17 - 21	Left shoulder wound, pushing head through bedding material after administration
	76	0 - 14	No clinical signs or observations were noted
		15 - 18	Pushing head through bedding material after administration
		19	Stretched forelimbs, saltatory spasms, pushing head through bedding material after administration
		20 - 21	Pushing head through bedding material after administration
	77, 78	0 - 16	No clinical signs or observations were noted
		17 - 21/22	Pushing head through bedding material after administration
	79	0 - 14	No clinical signs or observations were noted
		15 - 24	Pushing head through bedding material after administration
	80	0 - 15	No clinical signs or observations were noted
		16, 17	Pushing head through bedding material after administration
		18	Stretched forelimbs, pushing head through bedding material after administration
		19 - 22	Pushing head through bedding material after administration

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL CLINICAL SIGNS AND OBSERVATIONS - REPRODUCTIVE GROUPS FEMALES

LACTATION PERIOD

Group (mg/kg)	Female No(s).	Noted on day(s) of lactation	Clinical signs/observations
1 (0)	41 - 50	0/1 - 4	No clinical signs or observations were noted
2 (100)	51 - 60	0/1 - 4	No clinical signs or observations were noted
3 (500)	61 - 70	0/1 - 4	No clinical signs or observations were noted
4 (1000)	71, 73, 74, 76, 77, 80	1 - 3	Pushing head through bedding material after administration
		4	No clinical signs or observations were noted
	72	1	Saltatory spasms, pushing head through bedding material after administration
		2, 3	Pushing head through bedding material after administration
		4	No clinical signs or observations were noted
	75	1 - 3	Left shoulder wound, pushing head through bedding material after administration
		4	Left shoulder wound
	78	1, 2	Pushing head through bedding material after administration
		3	Saltatory spasms, pushing head through bedding material after administration
		4	No clinical signs or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL FINDINGS AT DETAILED WEEKLY CLINICAL OBSERVATIONS - REPRODUCTIVE GROUPS FEMALES

Group (ppm)	Female Nos.	Noted on day(s)	Findings/observations
1 (0)	41 - 50	07-SEP-2004 (Pretest)	No findings or observations were noted
	41 - 50	14-SEP-2004 (Pretest)	No findings or observations were noted
	41 - 50	22-SEP-2004	No findings or observations were noted
	41 - 50	29-SEP-2004	No findings or observations were noted
	41 - 50	04-OCT-2004	No findings or observations were noted
	41 - 50	11-OCT-2004	No findings or observations were noted
	41 - 50	18-OCT-2005	No findings or observations were noted
	41 - 50	21-OCT-2005	No findings or observations were noted
	41 - 50	25-OCT-2005	No findings or observations were noted
	41, 42, 45, 48-50	01-NOV-2005	No findings or observations were noted
2 (5)	51 - 60	07-SEP-2004 (Pretest)	No findings or observations were noted
	51 - 60	14-SEP-2004 (Pretest)	No findings or observations were noted
	51 - 60	22-SEP-2004	No findings or observations were noted
	51 - 60	29-SEP-2004	No findings or observations were noted
	51 - 60	04-OCT-2004	No findings or observations were noted
	51 - 60	11-OCT-2004	No findings or observations were noted
	51 - 60	18-OCT-2005	No findings or observations were noted
	51 - 60	21-OCT-2005	No findings or observations were noted
	51 - 60	25-OCT-2005	No findings or observations were noted
	52	01-NOV-2005	No findings or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL FINDINGS AT DETAILED WEEKLY CLINICAL OBSERVATIONS - REPRODUCTIVE GROUPS FEMALES

Group (ppm)	Female Nos.	Noted on day(s)	Findings/observations
3 (25)	61 - 70	07-SEP-2004 (Pretest)	No findings or observations were noted
	61 - 70	14-SEP-2004 (Pretest)	No findings or observations were noted
	61 - 70	22-SEP-2004	No findings or observations were noted
	61 - 70	29-SEP-2004	No findings or observations were noted
	61 - 70	04-OCT-2004	No findings or observations were noted
	61 - 70	11-OCT-2004	No findings or observations were noted
	61 - 70	18-OCT-2005	No findings or observations were noted
	61 - 70	21-OCT-2005	No findings or observations were noted
	61 - 70	25-OCT-2005	No findings or observations were noted
	61, 65, 66	01-NOV-2005	No findings or observations were noted

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

INDIVIDUAL FINDINGS AT DETAILED WEEKLY CLINICAL OBSERVATIONS - REPRODUCTIVE GROUPS FEMALES

Group (ppm)	Female Nos.	Noted on day(s)	Findings/observations
4 (100)	71 - 80	07-SEP-2004 (Pretest)	No findings or observations were noted
	71 - 80	14-SEP-2004 (Pretest)	No findings or observations were noted
	71 - 80	22-SEP-2004	No findings or observations were noted
		29-SEP-2004	No findings or observations were noted
	71 - 74 76 - 80	04-OCT-2004	No findings or observations were noted
	75		Left shoulder wound
	71 - 74 76 - 80	11-OCT-2004	No findings or observations were noted
	75		Left shoulder wound
	71 - 74 76 - 80	18-OCT-2005	No findings or observations were noted
	75		Left shoulder wound
	71, 74 76 - 80	21-OCT-2005	No findings or observations were noted
	72		Stretched forelimbs, saltatory spasms
	73		Stretched forelimbs
	75		Left shoulder wound
	71 - 74 76 - 80	25-OCT-2005	No findings or observations were noted
	75		Left shoulder wound

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

REPRODUCTIVE GROUPS MALES

GROUP 1 (0 MG/KG) - PRETEST

Observations		Score	Male No. 1	2	3	4	5	6	7	8	9	10
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

[0] = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

REPRODUCTIVE GROUPS MALES

GROUP 1 (0 MG/KG) - TEST

Observations		Score	Male No.									
			1	2	3	4	5	6	7	8	9	10
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
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0 = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

REPRODUCTIVE GROUPS MALES

GROUP 2 (100 MG/KG) - PRETEST

Observations		Score	Male No.									
			11	12	13	14	15	16	17	18	19	20
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

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3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

REPRODUCTIVE GROUPS MALES

GROUP 2 (100 MG/KG) - TEST

Observations		Score	Male No.									
			11	12	13	14	15	16	17	18	19	20
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

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RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY
REPRODUCTIVE GROUPS MALES

GROUP 3 (500 MG/KG) - PRETEST

Observations		Score	Male No.									
			21	22	23	24	25	26	27	28	29	30
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

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RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY
REPRODUCTIVE GROUPS MALES

GROUP 3 (500 MG/KG) - TEST

Observations		Score	Male No.									
			21	22	23	24	25	26	27	28	29	30
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

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RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

REPRODUCTIVE GROUPS MALES

GROUP 4 (1000 MG/KG) - PRETEST

Observations		Score	Male No.									
			31	32	33	34	35	36	37	38	39	40
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

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RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

REPRODUCTIVE GROUPS MALES

GROUP 4 (1000 MG/KG) - TEST

Observations		Score	Male No.									
			31	32	33	34	35	36	37	38		40
APP	Piloerection	1-3	0	0	0	0	0	0	0	0		0
	Salivation	1-3	0	0	0	0	0	0	0	0		0
	Hunched posture	x	0	0	0	0	0	0	0	0		0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0		0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0		0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0		0
	Prostration	x	0	0	0	0	0	0	0	0		0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0		0
	Spasms	1-3	0	0	0	0	0	0	0	0		0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0		0
	Somnolence	1-3	0	0	0	0	0	0	0	0		0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0		0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0		0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0		0
	Vocalization	1-3	0	0	0	0	0	0	0	0		0
RES	Dyspnea	x	0	0	0	0	0	0	0	0		0
	Tachypnea	x	0	0	0	0	0	0	0	0		0
	Bradypnea	x	0	0	0	0	0	0	0	0		0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0		0
	Hearing ability	a	0	0	0	0	0	0	0	0		0
	Pinna	a	0	0	0	0	0	0	0	0		0
	Iridic light reflex	a	0	0	0	0	0	0	0	0		0
	Extensor thrust response	a	0	0	0	0	0	0	0	0		0
	Pain response	a	0	0	0	0	0	0	0	0		0
	Startle / hearing	a	0	0	0	0	0	0	0	0		0
	Righting reflex	a	0	0	0	0	0	0	0	0		0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0		0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0		0
	Mydriasis	x	0	0	0	0	0	0	0	0		0
	Miosis	x	0	0	0	0	0	0	0	0		0
	Exophthalmos	x	0	0	0	0	0	0	0	0		0
	Red. muscle tone	x	0	0	0	0	0	0	0	0		0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0		0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0		0

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RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
REPRODUCTIVE GROUPS MALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
1	690.0	540.0	7.5	38.2	2.0
2	683.3	446.7	10.0	37.9	2.0
3	823.3	503.3	6.0	38.1	2.0
4	870.0	570.0	9.5	37.5	3.0
5	920.0	633.3	9.0	38.1	2.0
6	876.7	700.0	11.0	37.6	2.0
7	1036.7	496.7	12.0	37.1	2.0
8	813.3	471.7	7.5	37.6	3.0
9	613.3	483.3	4.5	37.6	1.0
10	823.3	463.3	12.0	37.3	2.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
REPRODUCTIVE GROUPS MALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
11	720.0	496.7	6.0	37.6	2.0
12	763.3	493.3	7.0	37.6	2.0
13	826.7	473.3	10.0	37.9	2.0
14	740.0	543.3	11.5	37.5	3.0
15	616.7	570.0	7.0	37.4	3.0
16	900.0	546.7	8.5	37.0	1.0
17	903.3	510.0	8.0	37.4	2.0
18	656.7	446.7	5.5	37.4	2.0
19	600.0	533.3	10.5	37.3	2.0
20	890.0	486.7	8.0	37.7	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
REPRODUCTIVE GROUPS MALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Functional Observational Battery: Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
21	596.7	526.7	6.5	37.7	2.0
22	723.3	496.7	9.0	37.2	1.0
23	700.0	583.3	10.0	37.2	1.0
24	576.7	463.3	7.0	37.2	2.0
25	646.7	523.3	6.0	38.2	2.0
26	810.0	686.7	8.0	37.3	3.0
27	926.7	476.7	10.0	37.5	2.0
28	730.0	590.0	8.0	37.3	2.0
29	720.0	536.7	6.0	37.6	2.0
30	706.7	536.7	8.5	38.2	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
REPRODUCTIVE GROUPS MALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Functional Observational Battery: Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
31	780.0	476.7	11.0	38.5	2.0
32	560.0	400.0	9.0	37.0	2.0
33	740.0	483.3	6.5	37.5	2.0
34	720.0	526.7	9.5	37.7	2.0
35	860.0	606.7	8.0	37.2	3.0
36	850.0	490.0	8.5	37.4	2.0
37	706.7	433.3	6.0	37.1	3.0
38	786.7	576.7	6.5	37.1	2.0
39	633.3	456.7	4.5	37.1	2.0
40	690.0	546.7	9.5	37.4	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
20-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
REPRODUCTIVE GROUPS MALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
1	1103.3	710.0	8.0	37.1	1.0
2	1210.0	796.7	10.0	37.0	1.0
3	913.3	670.0	7.5	37.2	2.0
4	870.0	713.3	10.5	36.7	1.0
5	710.0	770.0	7.5	36.8	2.0
6	640.0	640.0	9.0	37.2	1.0
7	703.3	606.7	5.5	37.4	2.0
8	716.7	626.7	9.0	36.9	2.0
9	966.7	576.7	6.5	37.1	2.0
10	650.0	400.0	9.5	36.9	1.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
20-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
REPRODUCTIVE GROUPS MALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
11	766.7	580.0	7.5	37.1	1.0
12	1030.0	600.0	10.5	37.1	2.0
13	933.3	633.3	5.5	37.0	2.0
14	826.7	833.3	9.0	36.5	1.0
15	873.3	760.0	7.0	36.9	1.0
16	860.0	620.0	8.5	37.2	2.0
17	866.7	570.0	7.5	37.1	2.0
18	1020.0	676.7	5.5	36.7	2.0
19	780.0	706.7	7.5	37.1	1.0
20	830.0	573.3	7.0	37.4	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
20-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
REPRODUCTIVE GROUPS MALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
21	760.0	706.7	8.0	36.9	1.0
22	813.3	903.3	9.0	36.8	1.0
23	1006.7	640.0	10.5	36.8	2.0
24	730.0	526.7	4.5	36.5	1.0
25	1033.3	803.3	6.0	36.6	1.0
26	743.3	630.0	6.0	38.2	1.0
27	856.7	633.3	8.5	36.7	2.0
28	886.7	586.7	6.0	37.8	2.0
29	963.3	623.3	9.5	38.4	---
30	1086.7	666.7	8.0	37.9	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
20-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
REPRODUCTIVE GROUPS MALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
31	846.7	523.3	8.5	36.7	1.0
32	633.3	613.3	8.5	36.5	1.0
33	750.0	606.7	7.0	37.2	1.0
34	813.3	740.0	5.5	37.4	2.0
35	813.3	773.3	6.5	37.4	2.0
36	953.3	606.7	4.5	36.8	2.0
37	820.0	556.7	6.0	36.7	2.0
38	853.3	713.3	6.0	37.0	1.0
39	---	---	---	---	---
40	923.3	780.0	7.0	37.4	2.0

* The following scores were used:

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

TOXICITY GROUPS FEMALES

GROUP 1 (0 MG/KG) - PRETEST

Observations		Score	Female No.									
			81	82	83	84	85	86	87	88	89	90
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

[0] = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY
TOXICITY GROUPS FEMALES

GROUP 1 (0 MG/KG) - TEST

Observations		Score	Female No.									
			81	82	83	84	85	86	87	88	89	90
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
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0 = No abnormal observations noted
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x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

TOXICITY GROUPS FEMALES

GROUP 2 (100 MG/KG) - PRETEST

Observations		Score	Female No.									
			91	92	93	94	95	96	97	98	99	100
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

0 = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

TOXICITY GROUPS FEMALES

GROUP 2 (100 MG/KG) - TEST

Observations		Score	Female No.									
			91	92	93	94	95	96	97	98	99	100
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

0 = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

TOXICITY GROUPS FEMALES

GROUP 3 (500 MG/KG) - PRETEST

Observations		Score	Female No.									
			101	102	103	104	105	106	107	108	109	110
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

[0] = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

TOXICITY GROUPS FEMALES

GROUP 3 (500 MG/KG) - TEST

Observations		Score	Female No.									
			101	102	103	104	105	106	107		109	110
APP	Piloerection	1-3	0	0	0	0	0	0	0		0	0
	Salivation	1-3	0	0	0	0	0	0	0		0	0
	Hunched posture	x	0	0	0	0	0	0	0		0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0		0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0		0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0		0	0
	Prostration	x	0	0	0	0	0	0	0		0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0		0	0
	Spasms	1-3	0	0	0	0	0	0	0		0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0		0	0
	Somnolence	1-3	0	0	0	0	0	0	0		0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0		0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0		0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0		0	0
	Vocalization	1-3	0	0	0	0	0	0	0		0	0
RES	Dyspnea	x	0	0	0	0	0	0	0		0	0
	Tachypnea	x	0	0	0	0	0	0	0		0	0
	Bradypnea	x	0	0	0	0	0	0	0		0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0		0	0
	Hearing ability	a	0	0	0	0	0	0	0		0	0
	Pinna	a	0	0	0	0	0	0	0		0	0
	Iridic light reflex	a	0	0	0	0	0	0	0		0	0
	Extensor thrust response	a	0	0	0	0	0	0	0		0	0
	Pain response	a	0	0	0	0	0	0	0		0	0
	Startle / hearing	a	0	0	0	0	0	0	0		0	0
	Righting reflex	a	0	0	0	0	0	0	0		0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0		0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0		0	0
	Mydriasis	x	0	0	0	0	0	0	0		0	0
	Miosis	x	0	0	0	0	0	0	0		0	0
	Exophthalmos	x	0	0	0	0	0	0	0		0	0
	Red. muscle tone	x	0	0	0	0	0	0	0		0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0		0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0		0	0

Abbreviations:
APP = Appearance
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RES = Respiration
REF = Reflexes
MIS = Miscellaneous

0 = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

TOXICITY GROUPS FEMALES

GROUP 4 (1000 MG/KG) - PRETEST

Observations		Score	Female No.									
			111	112	113	114	115	116	117	118	119	120
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
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RCC STUDY NUMBER 851369
3-(TRIETHOXYSILYL)-PROPANENITRILE

FUNCTIONAL OBSERVATIONAL BATTERY

TOXICITY GROUPS FEMALES

GROUP 4 (1000 MG/KG) - TEST

Observations		Score	Female No.									
			111	112	113	114	115	116	117	118	119	120
APP	Piloerection	1-3	0	0	0	0	0	0	0	0	0	0
	Salivation	1-3	0	0	0	0	0	0	0	0	0	0
	Hunched posture	x	0	0	0	0	0	0	0	0	0	0
MOT	Ataxia	1-3	0	0	0	0	0	0	0	0	0	0
	Uncoordinated movements	1-3	0	0	0	0	0	0	0	0	0	0
	Tremor/Twitching	1-3	0	0	0	0	0	0	0	0	0	0
	Prostration	x	0	0	0	0	0	0	0	0	0	0
	Circling/Stereotypies	x	0	0	0	0	0	0	0	0	0	0
	Spasms	1-3	0	0	0	0	0	0	0	0	0	0
BEH	Hyperactivity	1-3	0	0	0	0	0	0	0	0	0	0
	Somnolence	1-3	0	0	0	0	0	0	0	0	0	0
	Reduced grooming	1-3	0	0	0	0	0	0	0	0	0	0
	Increased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Decreased reaction to handling	1-3	0	0	0	0	0	0	0	0	0	0
	Vocalization	1-3	0	0	0	0	0	0	0	0	0	0
RES	Dyspnea	x	0	0	0	0	0	0	0	0	0	0
	Tachypnea	x	0	0	0	0	0	0	0	0	0	0
	Bradypnea	x	0	0	0	0	0	0	0	0	0	0
REF	Palpebral closure	a	0	0	0	0	0	0	0	0	0	0
	Hearing ability	a	0	0	0	0	0	0	0	0	0	0
	Pinna	a	0	0	0	0	0	0	0	0	0	0
	Iridic light reflex	a	0	0	0	0	0	0	0	0	0	0
	Extensor thrust response	a	0	0	0	0	0	0	0	0	0	0
	Pain response	a	0	0	0	0	0	0	0	0	0	0
	Startle / hearing	a	0	0	0	0	0	0	0	0	0	0
	Righting reflex	a	0	0	0	0	0	0	0	0	0	0
MIS	Lacrimation	1-3	0	0	0	0	0	0	0	0	0	0
	Limbs cyanotic	x	0	0	0	0	0	0	0	0	0	0
	Mydriasis	x	0	0	0	0	0	0	0	0	0	0
	Miosis	x	0	0	0	0	0	0	0	0	0	0
	Exophthalmos	x	0	0	0	0	0	0	0	0	0	0
	Red. muscle tone	x	0	0	0	0	0	0	0	0	0	0
	Increase in urine volume voided	x	0	0	0	0	0	0	0	0	0	0
	Increase in faecal pellets voided	x	0	0	0	0	0	0	0	0	0	0

Abbreviations:
APP = Appearance
MOT = Motor
BEH = Behavior
RES = Respiration
REF = Reflexes
MIS = Miscellaneous

0 = No abnormal observations noted
1-3 = Severity of observations (slight - marked)
x = present
a = absent

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
TOXICITY GROUPS FEMALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
81	603.3	360.0	9.0	38.6	2.0
82	800.0	456.7	5.0	38.2	2.0
83	716.7	406.7	5.0	37.5	2.0
84	976.7	466.7	5.5	38.5	3.0
85	630.0	296.7	4.5	38.3	2.0
86	560.0	556.7	7.5	38.5	1.0
87	533.3	446.7	6.0	37.8	2.0
88	970.0	596.7	8.5	37.8	2.0
89	896.7	366.7	9.0	38.3	2.0
90	593.3	333.3	6.5	38.3	1.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
TOXICITY GROUPS FEMALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
91	886.7	373.3	6.5	38.1	2.0
92	743.3	343.3	6.5	37.9	2.0
93	893.3	373.3	10.0	37.7	2.0
94	760.0	570.0	5.5	38.3	3.0
95	843.3	520.0	8.0	37.7	2.0
96	820.0	540.0	9.0	37.3	2.0
97	720.0	470.0	6.5	38.0	3.0
98	953.3	416.7	6.5	38.4	2.0
99	773.3	483.3	4.5	37.0	2.0
100	966.7	403.3	10.5	38.7	2.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
TOXICITY GROUPS FEMALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
101	753.3	440.0	8.0	38.1	2.0
102	853.3	433.3	10.0	37.9	2.0
103	653.3	380.0	5.5	37.2	2.0
104	786.7	450.0	7.5	37.4	3.0
105	916.7	466.7	7.5	37.3	2.0
106	710.0	433.3	8.0	37.2	1.0
107	776.7	483.3	6.0	36.8	3.0
108	773.3	443.3	9.0	37.4	2.0
109	606.7	346.7	6.5	38.2	2.0
110	613.3	460.0	6.0	37.2	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
PRETEST
TOXICITY GROUPS FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
111	746.7	413.3	8.0	37.4	2.0
112	853.3	323.3	7.5	38.1	2.0
113	733.3	403.3	8.0	37.9	2.0
114	846.7	353.3	9.0	37.3	2.0
115	523.3	480.0	9.0	37.5	3.0
116	606.7	413.3	5.5	36.9	2.0
117	703.3	363.3	7.0	38.2	2.0
118	753.3	460.0	8.5	38.5	2.0
119	940.0	480.0	7.5	37.4	2.0
120	873.3	396.7	6.5	38.1	2.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
TOXICITY GROUPS FEMALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
81	530.0	403.3	6.5	38.5	1.0
82	636.7	480.0	8.5	37.5	2.0
83	660.0	510.0	3.5	37.8	2.0
84	716.7	600.0	5.0	38.2	2.0
85	673.3	470.0	6.0	36.8	1.0
86	793.3	616.7	6.5	38.4	2.0
87	613.3	560.0	4.0	37.8	2.0
88	1063.3	466.7	6.0	38.4	1.0
89	806.7	556.7	2.5	38.4	2.0
90	706.7	526.7	8.0	37.3	2.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
TOXICITY GROUPS FEMALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
91	723.3	630.0	6.5	37.3	2.0
92	843.3	453.3	7.5	37.3	2.0
93	946.7	673.3	8.0	38.1	1.0
94	820.0	613.3	6.5	38.0	1.0
95	646.7	500.0	7.5	37.6	2.0
96	900.0	643.3	7.0	37.8	1.0
97	1060.0	583.3	7.5	37.5	2.0
98	896.7	566.7	5.0	38.1	2.0
99	863.3	606.7	5.5	38.1	2.0
100	706.7	576.7	6.0	38.2	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
TOXICITY GROUPS FEMALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
101	660.0	496.7	7.5	37.6	1.0
102	1043.3	553.3	10.0	37.4	2.0
103	676.7	606.7	4.0	37.5	2.0
104	990.0	583.3	8.0	37.8	2.0
105	686.7	526.7	6.5	36.5	1.0
106	896.7	656.7	9.0	37.3	2.0
107	683.3	493.3	3.5	37.1	2.0
108	---	---	---	---	---
109	900.0	520.0	5.5	38.5	2.0
110	720.0	553.3	6.0	38.1	1.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

FUNCTIONAL OBSERVATIONAL BATTERY
TREATMENT
TOXICITY GROUPS FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Functional Observational Battery				
	Grip forep G	Grip hindp G	Land. Foot CM	Body Temp. °C	Amb. act. Score *
111	900.0	530.0	9.0	37.1	2.0
112	856.7	643.3	7.5	38.3	2.0
113	666.7	603.3	5.0	38.1	1.0
114	776.7	550.0	8.0	38.0	2.0
115	780.0	556.7	6.5	37.9	2.0
116	756.7	456.7	5.0	37.8	1.0
117	773.3	443.3	4.5	38.4	2.0
118	900.0	563.3	5.5	37.0	2.0
119	946.7	583.3	5.5	37.8	2.0
120	833.3	546.7	5.5	38.0	2.0

* The following scores were used:

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
1	313	192	68	510	50	1133
2	143	0	23	0	0	166
3	289	120	14	6	2	431
4	245	225	273	89	17	849
5	304	247	43	0	40	634
6	409	144	68	2	12	635
7	286	153	205	51	41	736
8	287	300	271	89	39	986
9	393	269	312	296	19	1289
10	326	350	235	163	4	1078

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
11	304	147	84	0	1	536
12	364	332	86	57	0	839
13	293	174	40	7	9	523
14	135	24	4	8	2	173
15	334	198	124	10	2	668
16	304	285	163	57	4	813
17	532	253	58	10	0	853
18	276	208	52	35	12	583
19	482	303	416	217	80	1498
20	377	299	275	220	107	1278

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
21	129	2	9	151	37	328
22	151	143	89	61	79	523
23	294	121	240	87	9	751
24	189	37	0	7	0	233
25	380	313	308	116	123	1240
26	553	362	339	226	10	1490
27	279	187	167	260	35	928
28	303	292	87	45	7	734
29	372	313	269	186	154	1294
30	460	329	207	311	155	1462

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
31	32	1	107	91	0	231
32	203	35	6	34	0	278
33	226	6	4	14	36	286
34	394	281	191	77	0	943
35	399	191	253	103	16	962
36	258	273	102	49	4	686
37	352	319	188	54	85	998
38	378	299	272	186	53	1188
39	389	341	271	269	51	1321
40	391	284	317	162	58	1212

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
1	469	286	274	185	28	1242
2	413	212	130	4	2	761
3	385	288	242	132	89	1136
4	333	168	459	382	248	1590
5	359	323	194	37	4	917
6	380	266	219	188	136	1189
7	541	184	202	232	55	1214
8	437	251	371	244	221	1524
9	537	336	144	190	4	1211
10	312	199	262	114	68	955

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
11	475	279	247	277	240	1518
12	548	353	311	225	51	1488
13	313	221	265	150	72	1021
14	177	2	62	8	0	249
15	521	330	277	54	82	1264
16	440	389	335	84	92	1340
17	483	232	157	192	15	1079
18	306	121	254	158	65	904
19	562	375	333	133	23	1426
20	403	423	442	254	118	1640

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
21	334	323	289	28	128	1102
22	384	237	202	171	169	1163
23	239	157	148	53	6	603
24	560	299	240	193	150	1442
25	431	341	390	316	95	1573
26	502	421	294	261	12	1490
27	336	425	248	63	167	1239
28	564	348	214	201	178	1505
29	312	191	256	173	130	1062
30	529	286	269	252	213	1549

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
REPRODUCTIVE GROUPS MALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
31	416	309	160	215	215	1315
32	376	169	181	10	145	881
33	484	343	263	5	29	1124
34	207	261	120	154	200	942
35	421	356	251	192	11	1231
36	397	376	348	157	167	1445
37	605	318	270	205	198	1596
38	337	242	264	117	102	1062
39	---	---	---	---	---	---
40	575	305	64	199	95	1238

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
81	299	221	173	51	0	744
82	450	367	253	241	251	1562
83	471	260	169	8	29	937
84	348	187	68	4	120	727
85	402	370	292	87	4	1155
86	327	238	199	168	94	1026
87	380	386	205	178	148	1297
88	383	336	291	155	72	1237
89	468	361	293	22	24	1168
90	342	212	167	83	1	805

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
91	371	247	280	259	251	1408
92	309	172	50	25	17	573
93	309	67	0	2	0	378
94	254	54	2	44	222	576
95	311	224	202	15	0	752
96	412	348	260	188	321	1529
97	426	334	262	58	0	1080
98	363	130	18	46	23	580
99	408	329	52	0	4	793
100	426	392	226	203	99	1346

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
101	213	226	186	94	5	724
102	236	224	21	9	202	692
103	321	269	28	0	0	618
104	425	111	14	3	5	558
105	409	244	113	18	106	890
106	342	245	119	0	0	706
107	288	111	2	0	46	447
108	349	353	38	11	246	997
109	385	285	231	268	45	1214
110	344	269	239	280	114	1246

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

LOCOMOTOR ACTIVITY - PRETEST
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
111	234	185	93	28	0	540
112	257	171	1	79	0	508
113	121	178	88	36	71	494
114	171	180	27	0	4	382
115	324	202	124	0	0	650
116	423	246	120	66	2	857
117	501	441	303	67	14	1326
118	435	258	219	189	28	1129
119	380	259	183	150	183	1155
120	458	320	170	236	206	1390

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
81	426	297	192	71	3	989
82	394	277	152	283	123	1229
83	318	262	85	75	113	853
84	337	194	118	147	77	873
85	420	267	55	163	86	991
86	405	339	190	236	128	1298
87	390	334	165	221	119	1229
88	460	344	122	230	55	1211
89	657	479	380	311	280	2107
90	381	311	172	130	187	1181

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
91	430	373	323	416	347	1889
92	421	141	145	104	76	887
93	433	436	248	156	263	1536
94	487	282	244	147	184	1344
95	448	334	97	0	74	953
96	509	370	284	318	165	1646
97	417	230	292	26	86	1051
98	417	340	140	24	10	931
99	592	467	325	204	209	1797
100	534	359	158	151	17	1219

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
101	270	242	249	189	187	1137
102	407	272	312	121	31	1143
103	391	271	137	137	97	1033
104	608	449	273	381	311	2022
105	467	242	120	9	4	842
106	459	263	228	193	133	1276
107	320	306	144	30	165	965
108	---	---	---	---	---	---
109	474	262	261	251	122	1370
110	542	312	286	213	130	1483

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

LOCOMOTOR ACTIVITY - TREATMENT
LOW BEAMS COUNT
TOXICITY GROUPS FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Locomotor activity 6 min	12 min	18 min	24 min	30 min	Total
111	371	89	156	0	0	616
112	469	243	176	152	23	1063
113	251	152	195	110	73	781
114	345	220	130	21	8	724
115	426	271	4	4	0	705
116	459	402	240	195	27	1323
117	546	402	334	391	291	1964
118	597	378	305	278	277	1835
119	409	363	171	276	190	1409
120	587	437	289	287	210	1810

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

REP1 - 1
14-APR-05

REPRODUCTION PROCESSES
REPRODUCTIVE GROUPS
GROUP 1 (0 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Delivery recorded	Reared until Day 4 p.p.
41	1	09-OCT-04	Yes	Breeding	30-OCT-04	03-NOV-04
42	2	10-OCT-04	Yes	Breeding	31-OCT-04	04-NOV-04
43	3	06-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
44	4	07-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
45	5	07-OCT-04	Yes	Breeding	29-OCT-04	02-NOV-04
46	6	05-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04
47	7	05-OCT-04	Yes	Breeding	26-OCT-04	30-OCT-04
48	8	09-OCT-04	Yes	Breeding	31-OCT-04	04-NOV-04
49	9	07-OCT-04	Yes	Breeding	29-OCT-04	02-NOV-04
50	10	07-OCT-04	Yes	Breeding	29-OCT-04	02-NOV-04

REPRODUCTION PROCESSES
REPRODUCTIVE GROUPS
GROUP 2 (100 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Delivery recorded	Reared until Day 4 p.p.
51	11	06-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04
52	12	07-OCT-04	Yes	Breeding	29-OCT-04	02-NOV-04
53	13	04-OCT-04	Yes	Breeding	26-OCT-04	30-OCT-04
54	14	04-OCT-04	Yes	Breeding	25-OCT-04	29-OCT-04
55	15	06-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
56	16	07-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
57	17	05-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04
58	18	04-OCT-04	Yes	Breeding	26-OCT-04	30-OCT-04
59	19	07-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
60	20	05-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

REP1 - 3
14-APR-05

REPRODUCTION PROCESSES
REPRODUCTIVE GROUPS
GROUP 3 (500 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Delivery recorded	Reared until Day 4 p.p.
61	21	07-OCT-04	Yes	Breeding	29-OCT-04	02-NOV-04
62	22	04-OCT-04	Yes	Breeding	26-OCT-04	30-OCT-04
63	23	04-OCT-04	Yes	Breeding	25-OCT-04	29-OCT-04
64	24	07-OCT-04	Yes	Breeding	29-OCT-04	02-NOV-04
65	25	07-OCT-04	Yes	Breeding	29-OCT-04	02-NOV-04
66	26	05-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04
67	27	05-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04
68	28	06-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04
69	29	07-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
70	30	04-OCT-04	Yes	Breeding	26-OCT-04	30-OCT-04

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

REP1 - 4
14-APR-05

REPRODUCTION PROCESSES
REPRODUCTIVE GROUPS
GROUP 4 (1000 MG/KG)

Female Number	Male Number	Mating Date	Pregnant	Schedule	Delivery recorded	Reared until Day 4 p.p.
71	31	06-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
72	32	06-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
73	33	06-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
74	34	07-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
75	35	04-OCT-04	Yes	Breeding	25-OCT-04	29-OCT-04
76	36	06-OCT-04	Yes	Breeding	28-OCT-04	01-NOV-04
77	37	04-OCT-04	Yes	Breeding	25-OCT-04	29-OCT-04
78	38	04-OCT-04	Yes	Breeding	26-OCT-04	30-OCT-04
79	40	06-OCT-04	No	Breeding		
80	40	05-OCT-04	Yes	Breeding	27-OCT-04	31-OCT-04

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 1
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 1 (0 MG/KG)

LITTER	DURATION OF GESTATION	IMPLANTATION SITES
41	21	15
42	21	12
43	22	12
44	21	13
45	22	16
46	22	14
47	21	14
48	22	13
49	22	15
50	22	13
Total		137
N	10	10
Mean	21.6	13.7
St.dev.	0.5	1.3

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 2
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 1 (0 MG/KG)

LITTER	FIRST LITTER CHECK DEAD PUPS M	F	LIVING PUPS M	F	TOT.	P.NATAL LOSS DAYS 0 - 4 M	F	LIVING PUPS DAY 4 P.P. M	F	TOT.
41	0	0	9	5	14	0	0	9	5	14
42	0	0	5	7	12	0	0	5	7	12
43	0	0	6	5	11	0	0	6	5	11
44	0	0	7	6	13	0	0	7	6	13
45	0	0	8	5	13	0	0	8	5	13
46	0	0	4	10	14	0	0	4	10	14
47	0	0	6	4	10	0	1	6	3	9
48	0	0	3	9	12	0	0	3	9	12
49	0	0	1	13	14	0	0	1	13	14
50	0	0	5	5	10	0	0	5	5	10
Total	0	0	54	69	123	0	1	54	68	122
N	10	10	10	10	10	10	10	10	10	10
Mean	0.0	0.0	5.4	6.9	12.3	0.0	0.1	5.4	6.8	12.2
St.dev.	0.0	0.0	2.4	2.9	1.6	0.0	0.3	2.4	3.0	1.8

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 3
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 2 (100 MG/KG)

LITTER	DURATION OF GESTATION	IMPLANTATION SITES
51	21	16
52	22	10
53	22	9
54	21	17
55	22	13
56	21	12
57	22	13
58	22	12
59	21	19
60	22	14
Total		135
N	10	10
Mean	21.6	13.5
St.dev.	0.5	3.1

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 4
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 2 (100 MG/KG)

LITTER	FIRST LITTER CHECK DEAD PUPS M	F	LIVING PUPS M	F	TOT.	P.NATAL LOSS DAYS 0 - 4 M	F	LIVING PUPS DAY 4 P.P. M	F	TOT.
51	0	0	8	8	16	0	1	8	7	15
52	0	0	5	3	8	0	1	5	2	7
53	0	0	4	5	9	0	0	4	5	9
54	0	0	9	8	17	0	0	9	8	17
55	2	0	5	3	8	0	0	5	3	8
56	0	0	5	5	10	0	0	5	5	10
57	0	0	3	8	11	0	0	3	8	11
58	0	0	4	8	12	0	0	4	8	12
59	1	0	8	9	17	0	0	8	9	17
60	0	0	6	7	13	0	0	6	7	13
Total	3	0	57	64	121	0	2	57	62	119
N	10	10	10	10	10	10	10	10	10	10
Mean	0.3	0.0	5.7	6.4	12.1	0.0	0.2	5.7	6.2	11.9
St.dev.	0.7	0.0	2.0	2.2	3.5	0.0	0.4	2.0	2.3	3.6

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 5
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 3 (500 MG/KG)

LITTER	DURATION OF GESTATION	IMPLANTATION SITES
61	22	17
62	22	13
63	21	12
64	22	17
65	22	14
66	22	13
67	22	14
68	21	14
69	21	17
70	22	11
Total		142
N	10	10
Mean	21.7	14.2
St.dev.	0.5	2.1

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 6
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 3 (500 MG/KG)

LITTER	FIRST LITTER CHECK DEAD PUPS M	F	LIVING PUPS M	F	TOT.	P.NATAL LOSS DAYS 0 - 4 M	F	LIVING PUPS DAY 4 P.P. M	F	TOT.
61	0	0	9	5	14	0	0	9	5	14
62	0	0	6	7	13	0	2	6	5	11
63	0	0	6	6	12	0	0	6	6	12
64	0	0	9	8	17	0	0	9	8	17
65	0	0	4	9	13	0	0	4	9	13
66	0	0	7	6	13	0	0	7	6	13
67	0	0	8	6	14	1	0	7	6	13
68	0	0	8	6	14	0	0	8	6	14
69	0	0	8	7	15	0	0	8	7	15
70	0	0	4	6	10	0	0	4	6	10
Total	0	0	69	66	135	1	2	68	64	132
N	10	10	10	10	10	10	10	10	10	10
Mean	0.0	0.0	6.9	6.6	13.5	0.1	0.2	6.8	6.4	13.2
St.dev.	0.0	0.0	1.9	1.2	1.8	0.3	0.6	1.8	1.3	2.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 7
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 4 (1000 MG/KG)

LITTER	DURATION OF GESTATION	IMPLANTATION SITES
71	22	10
72	22	11
73	22	16
74	21	14
75	21	13
76	22	18
77	21	12
78	22	15
80	22	13
Total		122
N	9	9
Mean	21.7	13.6
St.dev.	0.5	2.5

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-LIT - 8
14-APR-05

BREEDING DATA PER LITTER
REPRODUCTIVE GROUPS
GROUP 4 (1000 MG/KG)

LITTER	FIRST LITTER CHECK DEAD PUPS M	F	LIVING PUPS M	F	TOT.	P.NATAL LOSS DAYS 0 - 4 M	F	LIVING PUPS DAY 4 P.P. M	F	TOT.
71	0	0	4	3	7	0	0	4	3	7
72	0	0	5	6	11	0	0	5	6	11
73	1	1	6	6	12	1	0	5	6	11
74	0	0	5	8	13	1	1	4	7	11
75	0	0	4	8	12	0	0	4	8	12
76	0	0	6	9	15	0	0	6	9	15
77	0	0	6	6	12	0	0	6	6	12
78	0	0	8	7	15	0	0	8	7	15
80	0	0	3	7	10	0	0	3	7	10
Total	1	1	47	60	107	2	1	45	59	104
N	9	9	9	9	9	9	9	9	9	9
Mean	0.1	0.1	5.2	6.7	11.9	0.2	0.1	5.0	6.6	11.6
St.dev.	0.3	0.3	1.5	1.7	2.5	0.4	0.3	1.5	1.7	2.5

RCC STUDY NUMBER 851639 MORT-IND - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
MALES
GROUP 1 (0 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
1	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
2	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
3	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
4	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
5	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
6	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
7	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
8	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
9	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
10	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 2
18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
MALES
GROUP 2 (100 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
11	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
12	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
13	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
14	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
15	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
16	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
17	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
18	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
19	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
20	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 3
18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
MALES
GROUP 3 (500 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
21	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
22	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
23	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
24	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
25	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
26	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
27	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
28	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
29	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
30	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD

RCC STUDY NUMBER 851639 MORT-IND - 4
3-(TRIETHOXYSILYL)-PROPANENITRILE 18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
MALES
GROUP 4 (1000 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
31	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
32	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
33	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
34	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
35	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
36	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
37	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
38	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD
39		24-SEP-04	DAY 5 OF PREPAIRING PERIOD
40	18-OCT-04		DAY 8 OF AFTER PAIRING PERIOD

RCC STUDY NUMBER 851639 MORT-IND - 1
3-(TRIETHOXYSILYL)-PROPANENITRILE 18-APR-05

MORTALITY DATA
TOXICITY GROUPS
FEMALES
GROUP 1 (0 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
81	18-OCT-04		DAY 29 OF TREATMENT PERIOD
82	18-OCT-04		DAY 29 OF TREATMENT PERIOD
83	18-OCT-04		DAY 29 OF TREATMENT PERIOD
84	18-OCT-04		DAY 29 OF TREATMENT PERIOD
85	18-OCT-04		DAY 29 OF TREATMENT PERIOD
86	18-OCT-04		DAY 29 OF TREATMENT PERIOD
87	18-OCT-04		DAY 29 OF TREATMENT PERIOD
88	18-OCT-04		DAY 29 OF TREATMENT PERIOD
89	18-OCT-04		DAY 29 OF TREATMENT PERIOD
90	18-OCT-04		DAY 29 OF TREATMENT PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 2
18-APR-05

MORTALITY DATA
TOXICITY GROUPS
FEMALES
GROUP 2 (100 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
91	18-OCT-04		DAY 29 OF TREATMENT PERIOD
92	18-OCT-04		DAY 29 OF TREATMENT PERIOD
93	18-OCT-04		DAY 29 OF TREATMENT PERIOD
94	18-OCT-04		DAY 29 OF TREATMENT PERIOD
95	18-OCT-04		DAY 29 OF TREATMENT PERIOD
96	18-OCT-04		DAY 29 OF TREATMENT PERIOD
97	18-OCT-04		DAY 29 OF TREATMENT PERIOD
98	18-OCT-04		DAY 29 OF TREATMENT PERIOD
99	18-OCT-04		DAY 29 OF TREATMENT PERIOD
100	18-OCT-04		DAY 29 OF TREATMENT PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 3
18-APR-05

MORTALITY DATA
TOXICITY GROUPS
FEMALES
GROUP 3 (500 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
101	18-OCT-04		DAY 29 OF TREATMENT PERIOD
102	18-OCT-04		DAY 29 OF TREATMENT PERIOD
103	18-OCT-04		DAY 29 OF TREATMENT PERIOD
104	18-OCT-04		DAY 29 OF TREATMENT PERIOD
105	18-OCT-04		DAY 29 OF TREATMENT PERIOD
106	18-OCT-04		DAY 29 OF TREATMENT PERIOD
107	18-OCT-04		DAY 29 OF TREATMENT PERIOD
108		28-SEP-04	DAY 9 OF TREATMENT PERIOD
109	18-OCT-04		DAY 29 OF TREATMENT PERIOD
110	18-OCT-04		DAY 29 OF TREATMENT PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 4
18-APR-05

MORTALITY DATA
TOXICITY GROUPS
FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
111	18-OCT-04		DAY 29 OF TREATMENT PERIOD
112	18-OCT-04		DAY 29 OF TREATMENT PERIOD
113	18-OCT-04		DAY 29 OF TREATMENT PERIOD
114	18-OCT-04		DAY 29 OF TREATMENT PERIOD
115	18-OCT-04		DAY 29 OF TREATMENT PERIOD
116	18-OCT-04		DAY 29 OF TREATMENT PERIOD
117	18-OCT-04		DAY 29 OF TREATMENT PERIOD
118	18-OCT-04		DAY 29 OF TREATMENT PERIOD
119	18-OCT-04		DAY 29 OF TREATMENT PERIOD
120	18-OCT-04		DAY 29 OF TREATMENT PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 5
18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
FEMALES
GROUP 1 (0 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
41	03-NOV-04		DAY 4 OF LACTATION PERIOD
42	04-NOV-04		DAY 4 OF LACTATION PERIOD
43	01-NOV-04		DAY 4 OF LACTATION PERIOD
44	01-NOV-04		DAY 4 OF LACTATION PERIOD
45	02-NOV-04		DAY 4 OF LACTATION PERIOD
46	31-OCT-04		DAY 4 OF LACTATION PERIOD
47	30-OCT-04		DAY 4 OF LACTATION PERIOD
48	04-NOV-04		DAY 4 OF LACTATION PERIOD
49	02-NOV-04		DAY 4 OF LACTATION PERIOD
50	02-NOV-04		DAY 4 OF LACTATION PERIOD

RCC STUDY NUMBER 851639 MORT-IND - 6
3-(TRIETHOXYSILYL)-PROPANENITRILE 18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
FEMALES
GROUP 2 (100 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
51	31-OCT-04		DAY 4 OF LACTATION PERIOD
52	02-NOV-04		DAY 4 OF LACTATION PERIOD
53	30-OCT-04		DAY 4 OF LACTATION PERIOD
54	29-OCT-04		DAY 4 OF LACTATION PERIOD
55	01-NOV-04		DAY 4 OF LACTATION PERIOD
56	01-NOV-04		DAY 4 OF LACTATION PERIOD
57	31-OCT-04		DAY 4 OF LACTATION PERIOD
58	30-OCT-04		DAY 4 OF LACTATION PERIOD
59	01-NOV-04		DAY 4 OF LACTATION PERIOD
60	31-OCT-04		DAY 4 OF LACTATION PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 7
18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
FEMALES
GROUP 3 (500 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
61	02-NOV-04		DAY 4 OF LACTATION PERIOD
62	30-OCT-04		DAY 4 OF LACTATION PERIOD
63	29-OCT-04		DAY 4 OF LACTATION PERIOD
64	02-NOV-04		DAY 4 OF LACTATION PERIOD
65	02-NOV-04		DAY 4 OF LACTATION PERIOD
66	31-OCT-04		DAY 4 OF LACTATION PERIOD
67	31-OCT-04		DAY 4 OF LACTATION PERIOD
68	31-OCT-04		DAY 4 OF LACTATION PERIOD
69	01-NOV-04		DAY 4 OF LACTATION PERIOD
70	30-OCT-04		DAY 4 OF LACTATION PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MORT-IND - 8
18-APR-05

MORTALITY DATA
REPRODUCTIVE GROUPS
FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL	SCHEDULED NECROPSY	SPONTANEOUS DEATH	DAY OF DEATH
71	01-NOV-04		DAY 4 OF LACTATION PERIOD
72	01-NOV-04		DAY 4 OF LACTATION PERIOD
73	01-NOV-04		DAY 4 OF LACTATION PERIOD
74	01-NOV-04		DAY 4 OF LACTATION PERIOD
75	29-OCT-04		DAY 4 OF LACTATION PERIOD
76	01-NOV-04		DAY 4 OF LACTATION PERIOD
77	29-OCT-04		DAY 4 OF LACTATION PERIOD
78	30-OCT-04		DAY 4 OF LACTATION PERIOD
79	31-OCT-04		DAY 25 OF GESTATION PERIOD
80	31-OCT-04		DAY 4 OF LACTATION PERIOD

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 1
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
MALES
GROUP 1 (0 MG/KG)

ANIMAL 1 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 2 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 3 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 4 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 5 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 6 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 7 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 8 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 9 (SCHEDULED NECROPSY, 18-OCT-2004)

THYMUS..... FOCUS/FOCI, ISOLATED, DARK RED.

ANIMAL 10 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 2
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
MALES
GROUP 2 (100 MG/KG)

ANIMAL 11 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 12 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 13 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 14 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 15 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 16 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 17 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 18 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 19 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 20 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 3
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
MALES
GROUP 3 (500 MG/KG)

ANIMAL 21 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 22 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 23 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 24 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 25 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 26 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 27 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 28 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 29 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 30 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 4
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
MALES
GROUP 4 (1000 MG/KG)

ANIMAL 31 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 32 (SCHEDULED NECROPSY, 18-OCT-2004)

KIDNEYS..... RIGHT SIDE: PELVIC DILATION.

ANIMAL 33 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 34 (SCHEDULED NECROPSY, 18-OCT-2004)

KIDNEYS..... LEFT SIDE: PELVIC DILATION.
LEFT SIDE: DISCOLORATION, TAN.

ANIMAL 35 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 36 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 37 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 38 (SCHEDULED NECROPSY, 18-OCT-2004)

KIDNEYS..... BOTH SIDES: FOCUS/FOCI, D=5 MM, ISOLATED, TAN.

ANIMAL 39 (SPONTANEOUS DEATH, 24-SEP-2004)

LUNGS..... INCOMPLETELY COLLAPSED.
DISCOLORATION, DARK RED.

LIVER..... THICKENED.

MANDIBULAR L.NODE... DISCOLORATION, DARK RED.

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 5
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
MALES
GROUP 4 (1000 MG/KG)

ANIMAL 40 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 1
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
TOXICITY GROUPS
FEMALES
GROUP 1 (0 MG/KG)

ANIMAL 81 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 82 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 83 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 84 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 85 (SCHEDULED NECROPSY, 18-OCT-2004)

MESENTERIC L.NODE... DISCOLORATION, DARK RED.

ANIMAL 86 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 87 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 88 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 89 (SCHEDULED NECROPSY, 18-OCT-2004)

THYMUS..... DISCOLORATION, REDDISH.

ANIMAL 90 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 2
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
TOXICITY GROUPS
FEMALES
GROUP 2 (100 MG/KG)

ANIMAL 91 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 92 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 93 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 94 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 95 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 96 (SCHEDULED NECROPSY, 18-OCT-2004)

THYMUS..... FOCUS/FOCI, MANY, D=1 MM, DARK RED.

ANIMAL 97 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 98 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 99 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 100 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 3
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
TOXICITY GROUPS
FEMALES
GROUP 3 (500 MG/KG)

ANIMAL 101 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 102 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 103 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 104 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 105 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 106 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 107 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 108 (SPONTANEOUS DEATH, 28-SEP-2004)

GENERAL OBSERVATIONS NO ORGANS FIXED. ANIMAL FREEZE..

ANIMAL 109 (SCHEDULED NECROPSY, 18-OCT-2004)

KIDNEYS..... LEFT SIDE: PELVIC DILATION.

ANIMAL 110 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 4
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
TOXICITY GROUPS
FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL 111 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 112 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 113 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 114 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 115 (SCHEDULED NECROPSY, 18-OCT-2004)

KIDNEYS..... RIGHT SIDE: FOCUS/FOCI, D=3 MM, TAN.

ANIMAL 116 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 117 (SCHEDULED NECROPSY, 18-OCT-2004)

KIDNEYS..... RIGHT SIDE: FOCUS/FOCI, D=3 MM, TAN.

ANIMAL 118 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

ANIMAL 119 (SCHEDULED NECROPSY, 18-OCT-2004)

KIDNEYS..... BOTH SIDES: PELVIC DILATION.

URINARY BLADDER..... CONTAINS MILKY-CLOUDY FLUID.

ANIMAL 120 (SCHEDULED NECROPSY, 18-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 6
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
FEMALES
GROUP 1 (0 MG/KG)

ANIMAL 41 (SCHEDULED NECROPSY, 03-NOV-2004)

NO FINDINGS NOTED

ANIMAL 42 (SCHEDULED NECROPSY, 04-NOV-2004)

NO FINDINGS NOTED

ANIMAL 43 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 44 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 45 (SCHEDULED NECROPSY, 02-NOV-2004)

NO FINDINGS NOTED

ANIMAL 46 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

ANIMAL 47 (SCHEDULED NECROPSY, 30-OCT-2004)

NO FINDINGS NOTED

ANIMAL 48 (SCHEDULED NECROPSY, 04-NOV-2004)

NO FINDINGS NOTED

ANIMAL 49 (SCHEDULED NECROPSY, 02-NOV-2004)

NO FINDINGS NOTED

ANIMAL 50 (SCHEDULED NECROPSY, 02-NOV-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 7
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
FEMALES
GROUP 2 (100 MG/KG)

ANIMAL 51 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

ANIMAL 52 (SCHEDULED NECROPSY, 02-NOV-2004)

NO FINDINGS NOTED

ANIMAL 53 (SCHEDULED NECROPSY, 30-OCT-2004)

NO FINDINGS NOTED

ANIMAL 54 (SCHEDULED NECROPSY, 29-OCT-2004)

NO FINDINGS NOTED

ANIMAL 55 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 56 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 57 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

ANIMAL 58 (SCHEDULED NECROPSY, 30-OCT-2004)

NO FINDINGS NOTED

ANIMAL 59 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 60 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 8
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
FEMALES
GROUP 3 (500 MG/KG)

ANIMAL 61 (SCHEDULED NECROPSY, 02-NOV-2004)

NO FINDINGS NOTED

ANIMAL 62 (SCHEDULED NECROPSY, 30-OCT-2004)

NO FINDINGS NOTED

ANIMAL 63 (SCHEDULED NECROPSY, 29-OCT-2004)

NO FINDINGS NOTED

ANIMAL 64 (SCHEDULED NECROPSY, 02-NOV-2004)

NO FINDINGS NOTED

ANIMAL 65 (SCHEDULED NECROPSY, 02-NOV-2004)

NO FINDINGS NOTED

ANIMAL 66 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

ANIMAL 67 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

ANIMAL 68 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

ANIMAL 69 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 70 (SCHEDULED NECROPSY, 30-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MAC-IND - 9
18-APR-05

MACROSCOPICAL FINDINGS
ALL NECROPSIES
REPRODUCTIVE GROUPS
FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL 71 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 72 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 73 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 74 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 75 (SCHEDULED NECROPSY, 29-OCT-2004)

NO FINDINGS NOTED

ANIMAL 76 (SCHEDULED NECROPSY, 01-NOV-2004)

NO FINDINGS NOTED

ANIMAL 77 (SCHEDULED NECROPSY, 29-OCT-2004)

NO FINDINGS NOTED

ANIMAL 78 (SCHEDULED NECROPSY, 30-OCT-2004)

NO FINDINGS NOTED

ANIMAL 80 (SCHEDULED NECROPSY, 31-OCT-2004)

NO FINDINGS NOTED

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 1
18-APR-05

ORGAN WEIGHTS (GRAM)

REPRODUCTIVE GROUPS MALES

GROUP 1 (0 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
1	359.39	2.09	1.165	9.27	0.45	2.42	0.072	0.759
2	344.83	2.10	1.038	8.55	0.35	2.17	0.088	0.742
3	357.89	2.03	1.015	10.02	0.36	2.31	0.055	0.749
4	407.12	1.95	1.107	10.13	0.42	2.28	0.064	0.636
5	363.25	2.08	1.095	9.78	0.37	2.15	0.076	0.726
6	332.04	2.02	0.972	8.89	0.41	2.03	0.062	0.627
7	338.75	2.00	1.069	9.39	0.30	2.33	0.064	0.525
8	355.93	2.02	1.102	9.83	0.33	2.17	0.075	0.706
9	348.78	1.99	1.020	9.08	0.30	2.27	0.076	0.642
10	330.44	1.97	0.974	9.11	0.39	2.41	0.069	0.614

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
1	3.37	0.77	1.266	1.278
2	3.34	0.81	1.162	1.001
3	3.50	0.88	1.102	1.357
4	3.77	0.70	1.173	1.672
5	3.62	0.75	1.222	1.292
6	3.11	0.89	1.049	0.673
7	3.66	0.82	1.312	1.257
8	3.74	0.64	1.189	1.248
9	3.16	0.87	1.184	1.763
10	3.32	0.71	1.401	1.285

GROUP 2 (100 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
11	332.36	1.94	0.978	9.88	0.27	2.33	0.066	0.645
12	374.26	1.96	1.108	10.87	0.43	2.33	0.075	0.767
13	372.96	2.04	1.073	11.32	0.46	2.55	0.064	0.897
14	352.44	2.02	1.049	8.73	0.44	2.11	0.065	0.773
15	381.67	2.01	1.057	10.63	0.36	2.43	0.061	0.771
16	307.22	1.96	0.978	8.72	0.26	2.30	0.067	0.664
17	339.67	2.04	0.982	10.00	0.29	2.23	0.080	0.584
18	402.49	2.07	1.147	10.58	0.44	2.50	0.085	0.632
19	345.05	1.90	0.984	10.42	0.28	2.49	0.082	0.661
20	371.58	2.13	1.158	11.30	0.49	2.65	0.066	0.712

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
11	3.82	0.85	1.984	1.079
12	3.58	0.98	1.390	1.484
13	3.42	0.85	1.201	0.849
14	3.77	0.60	1.324	1.234
15	3.10	0.82	1.105	1.369
16	3.16	0.96	1.137	1.186
17	4.29	0.77	1.249	1.091
18	4.53	1.01	1.337	1.164
19	3.73	0.90	1.316	1.252
20	3.38	0.90	1.292	1.367

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 2
18-APR-05

ORGAN WEIGHTS (GRAM)

REPRODUCTIVE GROUPS MALES

GROUP 3 (500 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
21	354.62	1.95	1.023	10.52	0.29	2.32	0.059	0.726
22	365.27	2.02	1.152	10.04	0.39	2.58	0.075	0.835
23	324.23	1.93	1.174	10.37	0.29	2.53	0.077	0.582
24	325.18	1.97	1.082	9.59	0.33	2.19	0.069	0.684
25	329.07	1.92	1.044	9.41	0.37	2.37	0.068	0.741
26	349.45	2.00	1.062	10.55	0.42	3.15	0.095	0.958
27	381.56	2.02	1.185	11.73	0.35	2.56	0.079	0.754
28	383.31	2.04	1.296	11.30	0.36	2.40	0.081	0.797
29	318.40	2.01	1.073	9.91	0.38	2.20	0.073	0.653
30	338.37	2.02	1.052	9.91	0.34	2.72	0.056	0.736

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
21	3.51	0.88	1.147	0.930
22	3.57	0.81	1.371	1.056
23	3.54	1.07	1.078	0.969
24	3.17	0.91	1.069	0.999
25	3.40	0.87	1.277	1.432
26	3.75	0.96	1.467	1.193
27	3.55	0.72	1.273	1.083
28	3.87	1.01	1.328	1.108
29	3.56	0.77	1.188	1.089
30	3.70	0.57	1.169	1.084

GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
31	357.70	2.15	1.071	10.37	0.43	2.44	0.073	0.875
32	338.27	1.97	1.038	9.36	0.35	2.73	0.092	0.820
33	338.91	2.01	1.228	9.37	0.26	2.84	0.076	0.646
34	346.78	2.07	1.117	9.77	0.26	2.92	0.086	0.767
35	372.64	1.95	1.217	11.88	0.32	2.90	0.084	0.982
36	334.80	1.95	1.141	8.71	0.42	2.47	0.076	0.797
37	340.84	2.03	1.081	10.94	0.23	2.56	0.083	0.816
38	345.97	2.05	1.141	11.16	0.32	2.84	0.075	0.929
39	---	---	---	---	---	---	---	---
40	353.77	2.02	1.279	10.78	0.43	2.66	0.068	0.653

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
31	3.68	0.93	1.161	1.802
32	3.47	0.65	1.202	1.407
33	4.04	0.99	1.388	1.325
34	3.48	0.48	1.175	1.116
35	3.46	0.91	1.043	1.431
36	3.69	0.59	1.256	1.199
37	3.50	0.95	1.152	1.365
38	4.26	1.00	1.438	1.032
39	---	---	---	---
40	3.35	0.71	1.201	1.122

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 3
18-APR-05

ORGAN/BODY WEIGHT RATIOS (%)

REPRODUCTIVE GROUPS MALES

GROUP 1 (0 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
1	359.39	0.58	0.324	2.58	0.13	0.67	0.020	0.211
2	344.83	0.61	0.301	2.48	0.10	0.63	0.026	0.215
3	357.89	0.57	0.284	2.80	0.10	0.65	0.015	0.209
4	407.12	0.48	0.272	2.49	0.10	0.56	0.016	0.156
5	363.25	0.57	0.302	2.69	0.10	0.59	0.021	0.200
6	332.04	0.61	0.293	2.68	0.12	0.61	0.019	0.189
7	338.75	0.59	0.315	2.77	0.09	0.69	0.019	0.155
8	355.93	0.57	0.310	2.76	0.09	0.61	0.021	0.198
9	348.78	0.57	0.292	2.60	0.09	0.65	0.022	0.184
10	330.44	0.60	0.295	2.76	0.12	0.73	0.021	0.186

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
1	0.94	0.21	0.352	0.355
2	0.97	0.23	0.337	0.290
3	0.98	0.25	0.308	0.379
4	0.93	0.17	0.288	0.411
5	1.00	0.21	0.336	0.356
6	0.94	0.27	0.316	0.203
7	1.08	0.24	0.387	0.371
8	1.05	0.18	0.334	0.351
9	0.91	0.25	0.339	0.506
10	1.00	0.21	0.424	0.389

GROUP 2 (100 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
11	332.36	0.58	0.294	2.97	0.08	0.70	0.020	0.194
12	374.26	0.52	0.296	2.90	0.12	0.62	0.020	0.205
13	372.96	0.55	0.288	3.04	0.12	0.68	0.017	0.240
14	352.44	0.57	0.298	2.48	0.12	0.60	0.019	0.219
15	381.67	0.53	0.277	2.78	0.10	0.64	0.016	0.202
16	307.22	0.64	0.318	2.84	0.08	0.75	0.022	0.216
17	339.67	0.60	0.289	2.95	0.09	0.66	0.024	0.172
18	402.49	0.51	0.285	2.63	0.11	0.62	0.021	0.157
19	345.05	0.55	0.285	3.02	0.08	0.72	0.024	0.192
20	371.58	0.57	0.312	3.04	0.13	0.71	0.018	0.192

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
11	1.15	0.26	0.597	0.325
12	0.96	0.26	0.371	0.396
13	0.92	0.23	0.322	0.228
14	1.07	0.17	0.376	0.350
15	0.81	0.22	0.289	0.359
16	1.03	0.31	0.370	0.386
17	1.26	0.23	0.368	0.321
18	1.13	0.25	0.332	0.289
19	1.08	0.26	0.381	0.363
20	0.91	0.24	0.348	0.368

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 4
18-APR-05

ORGAN/BODY WEIGHT RATIOS (%)

REPRODUCTIVE GROUPS MALES

GROUP 3 (500 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
21	354.62	0.55	0.289	2.97	0.08	0.65	0.017	0.205
22	365.27	0.55	0.315	2.75	0.11	0.71	0.021	0.229
23	324.23	0.59	0.362	3.20	0.09	0.78	0.024	0.180
24	325.18	0.61	0.333	2.95	0.10	0.67	0.021	0.210
25	329.07	0.58	0.317	2.86	0.11	0.72	0.021	0.225
26	349.45	0.57	0.304	3.02	0.12	0.90	0.027	0.274
27	381.56	0.53	0.310	3.07	0.09	0.67	0.021	0.198
28	383.31	0.53	0.338	2.95	0.09	0.63	0.021	0.208
29	318.40	0.63	0.337	3.11	0.12	0.69	0.023	0.205
30	338.37	0.60	0.311	2.93	0.10	0.80	0.017	0.218

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
21	0.99	0.25	0.323	0.262
22	0.98	0.22	0.375	0.289
23	1.09	0.33	0.333	0.299
24	0.98	0.28	0.329	0.307
25	1.03	0.26	0.388	0.435
26	1.07	0.27	0.420	0.341
27	0.93	0.19	0.334	0.284
28	1.01	0.26	0.346	0.289
29	1.12	0.24	0.373	0.342
30	1.09	0.17	0.346	0.320

GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
31	357.70	0.60	0.299	2.90	0.12	0.68	0.021	0.245
32	338.27	0.58	0.307	2.77	0.10	0.81	0.027	0.242
33	338.91	0.59	0.362	2.76	0.08	0.84	0.022	0.191
34	346.78	0.60	0.322	2.82	0.08	0.84	0.025	0.221
35	372.64	0.52	0.327	3.19	0.09	0.78	0.022	0.264
36	334.80	0.58	0.341	2.60	0.13	0.74	0.023	0.238
37	340.84	0.60	0.317	3.21	0.07	0.75	0.024	0.239
38	345.97	0.59	0.330	3.23	0.09	0.82	0.022	0.269
39	---	---	---	---	---	---	---	---
40	353.77	0.57	0.362	3.05	0.12	0.75	0.019	0.185

ANIMAL NUMBER	TESTES	PROSTATE	EPIDIDYMID	SEMINAL VE
31	1.03	0.26	0.325	0.504
32	1.02	0.19	0.355	0.416
33	1.19	0.29	0.409	0.391
34	1.00	0.14	0.339	0.322
35	0.93	0.24	0.280	0.384
36	1.10	0.18	0.375	0.358
37	1.03	0.28	0.338	0.400
38	1.23	0.29	0.416	0.298
39	---	---	---	---
40	0.95	0.20	0.339	0.317

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 5
18-APR-05

ORGAN/BRAIN WEIGHT RATIOS (%)

REPRODUCTIVE GROUPS MALES

GROUP 1 (0 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	TESTES
1	2.09	55.880	444.77	21.70	115.86	3.429	36.385	161.50
2	2.10	49.365	406.54	16.67	103.34	4.195	35.290	158.72
3	2.03	50.017	493.84	17.64	113.88	2.705	36.919	172.48
4	1.95	56.817	520.21	21.81	117.00	3.306	32.646	193.58
5	2.08	52.618	469.83	17.97	103.17	3.665	34.858	174.09
6	2.02	48.206	440.97	20.36	100.81	3.086	31.129	154.16
7	2.00	53.326	468.50	14.90	116.35	3.184	26.184	182.72
8	2.02	54.499	486.06	16.43	107.09	3.718	34.886	184.95
9	1.99	51.164	455.44	14.98	113.97	3.789	32.211	158.46
10	1.97	49.401	462.16	19.75	122.24	3.521	31.172	168.48

ANIMAL NUMBER	PROSTATE	EPIDIDYMID	SEMINAL VE
1	36.71	60.714	61.265
2	38.51	55.282	47.634
3	43.61	54.324	66.890
4	35.88	60.215	85.813
5	35.81	58.686	62.048
6	43.93	52.057	33.386
7	41.15	65.492	62.703
8	31.79	58.761	61.683
9	43.78	59.409	88.479
10	35.79	71.091	65.170

GROUP 2 (100 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	TESTES
11	1.94	50.451	509.85	14.18	120.12	3.382	33.302	196.85
12	1.96	56.575	554.64	22.19	118.80	3.814	39.164	182.95
13	2.04	52.733	556.11	22.59	125.42	3.164	44.046	168.18
14	2.02	52.009	432.77	21.61	104.76	3.238	38.338	186.73
15	2.01	52.550	528.20	18.07	120.63	3.013	38.341	154.25
16	1.96	50.008	445.77	13.08	117.55	3.408	33.932	161.40
17	2.04	48.143	490.26	14.27	109.22	3.920	28.619	210.29
18	2.07	55.391	510.57	21.04	120.64	4.087	30.488	218.82
19	1.90	51.795	548.83	14.70	131.16	4.339	34.797	196.32
20	2.13	54.387	530.63	23.15	124.32	3.110	33.415	158.59

ANIMAL NUMBER	PROSTATE	EPIDIDYMID	SEMINAL VE
11	44.00	102.383	55.653
12	49.83	70.944	75.727
13	41.87	58.985	41.722
14	29.95	65.646	61.170
15	40.87	54.911	68.030
16	48.82	58.095	60.616
17	37.93	61.227	53.478
18	48.81	64.520	56.185
19	47.50	69.298	65.903
20	42.23	60.656	64.177

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 6
18-APR-05

ORGAN/BRAIN WEIGHT RATIOS (%)

REPRODUCTIVE GROUPS MALES

GROUP 3 (500 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	TESTES
21	1.95	52.568	540.48	14.95	119.33	3.050	37.314	180.19
22	2.02	57.055	497.38	19.49	127.56	3.714	41.345	176.64
23	1.93	60.906	538.16	14.86	131.31	3.989	30.200	183.72
24	1.97	54.807	486.01	16.84	111.14	3.491	34.656	160.84
25	1.92	54.469	490.95	19.38	123.52	3.560	38.674	177.22
26	2.00	53.072	527.52	21.14	157.56	4.757	47.877	187.68
27	2.02	58.587	580.01	17.38	126.55	3.929	37.297	175.36
28	2.04	63.419	552.81	17.74	117.52	3.962	38.967	189.21
29	2.01	53.302	492.19	18.92	109.07	3.607	32.435	176.98
30	2.02	52.177	491.69	16.68	135.09	2.775	36.511	183.77

ANIMAL NUMBER	PROSTATE	EPIDIDYMID	SEMINAL VE
21	45.41	58.918	47.761
22	39.90	67.933	52.320
23	55.57	55.927	50.283
24	46.21	54.190	50.632
25	45.44	66.621	74.666
26	47.73	73.304	59.613
27	35.55	62.938	53.581
28	49.30	64.945	54.188
29	38.09	59.000	54.089
30	28.20	58.004	53.794

GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	TESTES
31	2.15	49.708	481.32	19.82	113.09	3.407	40.610	170.99
32	1.97	52.794	476.37	17.62	139.08	4.692	41.701	176.41
33	2.01	61.083	466.11	13.09	141.10	3.771	32.126	200.95
34	2.07	53.859	471.19	12.64	140.88	4.158	36.990	167.80
35	1.95	62.395	609.25	16.34	148.86	4.287	50.369	177.35
36	1.95	58.555	446.85	21.62	126.82	3.899	40.911	189.20
37	2.03	53.171	538.13	11.23	126.01	4.079	40.147	172.17
38	2.05	55.792	545.81	15.74	138.63	3.653	45.426	208.09
39	---	---	---	---	---	---	---	---
40	2.02	63.211	532.63	21.38	131.32	3.335	32.263	165.38

ANIMAL NUMBER	PROSTATE	EPIDIDYMID	SEMINAL VE
31	42.96	53.908	83.643
32	32.99	61.185	71.601
33	49.31	69.038	65.904
34	23.34	56.696	53.849
35	46.79	53.492	73.400
36	30.41	64.440	61.510
37	46.92	56.680	67.146
38	48.73	70.329	50.457
39	---	---	---
40	34.84	59.328	55.425

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 1
18-APR-05

ORGAN WEIGHTS (GRAM)

TOXICITY GROUPS FEMALES

GROUP 1 (0 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
81	232.69	1.85	0.794	6.49	0.35	1.59	0.087	0.389
82	204.34	1.93	0.801	6.54	0.27	1.45	0.089	0.583
83	241.26	1.86	0.847	6.36	0.30	1.56	0.061	0.544
84	211.75	1.86	0.732	6.17	0.33	1.41	0.069	0.696
85	203.15	2.00	0.812	6.70	0.40	1.59	0.084	0.687
86	220.41	1.87	0.765	6.00	0.44	1.47	0.085	0.666
87	209.46	1.80	0.655	5.57	0.37	1.30	0.079	0.529
88	237.78	1.89	0.837	6.16	0.33	1.66	0.073	0.504
89	221.59	1.96	0.850	7.29	0.30	1.76	0.081	0.480
90	198.46	1.84	0.717	5.87	0.30	1.30	0.075	0.515

ANIMAL NUMBER	OVARIES	UTERUS
81	0.118	0.815
82	0.105	1.317
83	0.132	1.655
84	0.102	1.627
85	0.127	1.016
86	0.128	1.072
87	0.111	0.836
88	0.109	0.846
89	0.118	1.372
90	0.094	0.916

GROUP 2 (100 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
91	224.05	1.81	0.732	6.11	0.34	1.52	0.069	0.645
92	208.87	1.82	0.639	5.87	0.32	1.34	0.088	0.489
93	218.27	1.95	0.665	5.55	0.33	1.37	0.082	0.489
94	215.96	1.84	0.863	6.90	0.51	1.62	0.082	0.705
95	213.95	1.86	0.877	6.15	0.26	1.48	0.086	0.450
96	226.33	1.84	0.764	5.71	0.33	1.54	0.088	0.575
97	209.24	1.94	0.724	5.47	0.35	1.27	0.087	0.586
98	220.99	1.75	0.830	6.90	0.32	1.49	0.094	0.638
99	226.20	1.80	0.780	6.06	0.42	1.46	0.069	0.583
100	198.83	1.80	0.852	5.73	0.31	1.45	0.083	0.514

ANIMAL NUMBER	OVARIES	UTERUS
91	0.108	1.080
92	0.126	0.704
93	0.124	0.953
94	0.109	0.724
95	0.095	0.796
96	0.134	1.219
97	0.086	0.964
98	0.106	0.956
99	0.111	1.054
100	0.110	0.737

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 2
18-APR-05

ORGAN WEIGHTS (GRAM)

TOXICITY GROUPS FEMALES

GROUP 3 (500 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
101	217.40	1.98	0.796	6.27	0.40	1.56	0.119	0.535
102	238.27	1.96	0.958	6.82	0.51	1.48	0.086	0.820
103	207.99	1.92	0.777	6.37	0.32	1.58	0.090	0.483
104	243.58	1.87	0.821	6.59	0.50	1.75	0.108	0.593
105	219.14	1.84	0.740	5.50	0.35	1.43	0.083	0.564
106	209.56	1.83	0.768	6.45	0.34	1.63	0.092	0.531
107	198.93	1.66	0.730	5.56	0.40	1.28	0.080	0.674
108	---	---	---	---	---	---	---	---
109	206.83	1.69	0.784	6.15	0.25	1.52	0.089	0.589
110	213.60	1.88	0.707	6.68	0.41	1.36	0.073	0.419

ANIMAL NUMBER	OVARIES	UTERUS
101	0.106	1.087
102	0.126	0.965
103	0.102	0.878
104	0.123	0.708
105	0.100	0.849
106	0.133	0.966
107	0.083	0.936
108	---	---
109	0.081	1.272
110	0.112	0.662

GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	BODY W.	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
111	208.86	1.91	0.792	6.68	0.33	1.67	0.093	0.643
112	216.32	1.97	0.813	6.63	0.43	1.88	0.092	0.710
113	219.01	1.82	0.765	6.40	0.42	1.51	0.087	0.630
114	222.77	1.89	0.915	7.42	0.33	1.81	0.105	0.566
115	199.08	1.79	0.721	5.92	0.34	1.64	0.079	0.559
116	210.97	1.90	0.796	6.86	0.39	1.65	0.095	0.802
117	226.93	1.88	0.731	6.96	0.33	1.61	0.092	0.636
118	227.34	1.91	0.800	7.56	0.37	1.83	0.075	0.655
119	226.11	1.93	0.835	6.90	0.39	1.72	0.072	0.817
120	204.54	1.86	0.803	6.29	0.48	1.47	0.079	0.674

ANIMAL NUMBER	OVARIES	UTERUS
111	0.099	1.030
112	0.108	0.847
113	0.104	1.663
114	0.146	1.156
115	0.107	0.924
116	0.104	1.150
117	0.098	1.518
118	0.118	0.874
119	0.097	1.978
120	0.107	1.150

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 3
18-APR-05

ORGAN/BODY WEIGHT RATIOS (%)

TOXICITY GROUPS FEMALES

GROUP 1 (0 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
81	232.69	0.80	0.341	2.79	0.15	0.68	0.037	0.167
82	204.34	0.95	0.392	3.20	0.13	0.71	0.043	0.285
83	241.26	0.77	0.351	2.64	0.12	0.65	0.025	0.226
84	211.75	0.88	0.346	2.91	0.16	0.67	0.033	0.329
85	203.15	0.98	0.400	3.30	0.20	0.78	0.041	0.338
86	220.41	0.85	0.347	2.72	0.20	0.67	0.038	0.302
87	209.46	0.86	0.313	2.66	0.18	0.62	0.038	0.253
88	237.78	0.80	0.352	2.59	0.14	0.70	0.031	0.212
89	221.59	0.88	0.383	3.29	0.13	0.80	0.036	0.216
90	198.46	0.93	0.361	2.96	0.15	0.66	0.038	0.259

ANIMAL NUMBER	OVARIES	UTERUS
81	0.051	0.350
82	0.051	0.645
83	0.055	0.686
84	0.048	0.768
85	0.062	0.500
86	0.058	0.486
87	0.053	0.399
88	0.046	0.356
89	0.053	0.619
90	0.047	0.461

GROUP 2 (100 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
91	224.05	0.81	0.327	2.73	0.15	0.68	0.031	0.288
92	208.87	0.87	0.306	2.81	0.15	0.64	0.042	0.234
93	218.27	0.89	0.304	2.54	0.15	0.63	0.038	0.224
94	215.96	0.85	0.400	3.20	0.24	0.75	0.038	0.326
95	213.95	0.87	0.410	2.87	0.12	0.69	0.040	0.210
96	226.33	0.81	0.338	2.52	0.15	0.68	0.039	0.254
97	209.24	0.93	0.346	2.61	0.17	0.61	0.042	0.280
98	220.99	0.79	0.376	3.12	0.14	0.67	0.043	0.288
99	226.20	0.79	0.345	2.68	0.19	0.64	0.031	0.258
100	198.83	0.90	0.428	2.88	0.16	0.73	0.042	0.259

ANIMAL NUMBER	OVARIES	UTERUS
91	0.048	0.482
92	0.060	0.337
93	0.057	0.437
94	0.051	0.335
95	0.044	0.372
96	0.059	0.539
97	0.041	0.461
98	0.048	0.433
99	0.049	0.466
100	0.055	0.371

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 4
18-APR-05

ORGAN/BODY WEIGHT RATIOS (%)

TOXICITY GROUPS FEMALES

GROUP 3 (500 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
101	217.40	0.91	0.366	2.88	0.18	0.72	0.055	0.246
102	238.27	0.82	0.402	2.86	0.21	0.62	0.036	0.344
103	207.99	0.92	0.373	3.06	0.15	0.76	0.043	0.232
104	243.58	0.77	0.337	2.70	0.20	0.72	0.044	0.244
105	219.14	0.84	0.338	2.51	0.16	0.65	0.038	0.257
106	209.56	0.87	0.367	3.08	0.16	0.78	0.044	0.253
107	198.93	0.83	0.367	2.79	0.20	0.65	0.040	0.339
108	---	---	---	---	---	---	---	---
109	206.83	0.82	0.379	2.98	0.12	0.73	0.043	0.285
110	213.60	0.88	0.331	3.13	0.19	0.64	0.034	0.196

ANIMAL NUMBER	OVARIES	UTERUS
101	0.049	0.500
102	0.053	0.405
103	0.049	0.422
104	0.051	0.291
105	0.046	0.387
106	0.063	0.461
107	0.042	0.470
108	---	---
109	0.039	0.615
110	0.052	0.310

GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	BODY W. (GRAM)	BRAIN	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN
111	208.86	0.92	0.379	3.20	0.16	0.80	0.045	0.308
112	216.32	0.91	0.376	3.06	0.20	0.87	0.043	0.328
113	219.01	0.83	0.349	2.92	0.19	0.69	0.040	0.288
114	222.77	0.85	0.411	3.33	0.15	0.81	0.047	0.254
115	199.08	0.90	0.362	2.97	0.17	0.82	0.040	0.281
116	210.97	0.90	0.377	3.25	0.19	0.78	0.045	0.380
117	226.93	0.83	0.322	3.07	0.14	0.71	0.041	0.280
118	227.34	0.84	0.352	3.33	0.16	0.80	0.033	0.288
119	226.11	0.85	0.369	3.05	0.17	0.76	0.032	0.361
120	204.54	0.91	0.392	3.08	0.23	0.72	0.038	0.329

ANIMAL NUMBER	OVARIES	UTERUS
111	0.047	0.493
112	0.050	0.392
113	0.047	0.759
114	0.066	0.519
115	0.054	0.464
116	0.049	0.545
117	0.043	0.669
118	0.052	0.384
119	0.043	0.875
120	0.052	0.562

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 5
18-APR-05

ORGAN/BRAIN WEIGHT RATIOS (%)

TOXICITY GROUPS FEMALES

GROUP 1 (0 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	OVARIES
81	1.85	42.864	350.20	19.08	85.61	4.671	20.989	6.383
82	1.93	41.461	338.51	14.00	74.91	4.585	30.147	5.414
83	1.86	45.591	342.15	15.89	84.13	3.282	29.282	7.092
84	1.86	39.387	331.54	17.68	75.85	3.711	37.424	5.475
85	2.00	40.582	335.17	20.02	79.30	4.184	34.343	6.324
86	1.87	40.861	320.17	23.28	78.49	4.522	35.538	6.839
87	1.80	36.411	309.67	20.45	72.45	4.416	29.442	6.173
88	1.89	44.285	325.85	17.55	87.97	3.877	26.681	5.755
89	1.96	43.416	372.54	15.12	90.14	4.119	24.513	6.040
90	1.84	38.929	318.88	16.05	70.68	4.069	27.955	5.106

ANIMAL NUMBER	UTERUS
81	43.993
82	68.171
83	89.066
84	87.507
85	50.790
86	57.212
87	46.499
88	44.729
89	70.096
90	49.734

GROUP 2 (100 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	OVARIES
91	1.81	40.549	338.25	18.55	84.12	3.816	35.725	5.975
92	1.82	35.132	322.69	17.52	73.50	4.834	26.872	6.941
93	1.95	34.147	285.24	16.95	70.20	4.233	25.150	6.388
94	1.84	47.001	375.90	27.99	88.33	4.439	38.387	5.956
95	1.86	47.220	331.11	14.10	79.63	4.644	24.228	5.107
96	1.84	41.619	310.98	18.17	83.61	4.812	31.290	7.315
97	1.94	37.350	282.13	17.90	65.64	4.505	30.196	4.436
98	1.75	47.534	395.27	18.21	85.42	5.397	36.512	6.058
99	1.80	43.429	337.27	23.58	81.05	3.848	32.451	6.198
100	1.80	47.333	318.58	17.18	80.47	4.635	28.587	6.125

ANIMAL NUMBER	UTERUS
91	59.813
92	38.706
93	48.954
94	39.423
95	42.871
96	66.371
97	49.727
98	54.762
99	58.681
100	40.955

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

OW-IND - 6
18-APR-05

ORGAN/BRAIN WEIGHT RATIOS (%)

TOXICITY GROUPS FEMALES

GROUP 3 (500 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	OVARIES
101	1.98	40.210	316.51	20.01	78.63	6.027	27.036	5.346
102	1.96	48.912	348.44	25.81	75.50	4.409	41.877	6.449
103	1.92	40.526	332.14	16.64	82.28	4.705	25.179	5.331
104	1.87	43.952	352.41	26.71	93.89	5.771	31.745	6.593
105	1.84	40.190	298.84	19.28	77.90	4.499	30.637	5.428
106	1.83	41.987	352.54	18.83	88.96	5.023	29.028	7.260
107	1.66	43.953	334.97	23.89	77.37	4.805	40.607	4.991
108	---	---	---	---	---	---	---	---
109	1.69	46.255	363.22	14.48	89.68	5.264	34.787	4.798
110	1.88	37.691	356.31	21.67	72.38	3.866	22.328	5.953

ANIMAL NUMBER	UTERUS
101	54.887
102	49.297
103	45.834
104	37.914
105	46.105
106	52.831
107	56.372
108	---
109	75.064
110	35.274

GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	BRAIN (GRAM)	HEART	LIVER	THYMUS	KIDNEYS	ADRENALS	SPLEEN	OVARIES
111	1.91	41.384	348.79	17.22	87.50	4.880	33.619	5.173
112	1.97	41.326	337.15	21.92	95.55	4.689	36.119	5.493
113	1.82	42.013	351.33	22.87	82.95	4.792	34.603	5.709
114	1.89	48.312	391.83	17.66	95.66	5.563	29.917	7.734
115	1.79	40.387	331.45	18.77	91.67	4.423	31.273	5.985
116	1.90	42.024	361.83	20.67	87.16	5.018	42.325	5.498
117	1.88	38.902	370.71	17.31	85.49	4.918	33.841	5.211
118	1.91	41.863	395.90	19.25	95.77	3.931	34.288	6.172
119	1.93	43.331	358.24	20.48	89.14	3.743	42.433	5.046
120	1.86	43.096	337.80	25.78	78.69	4.214	36.166	5.744

ANIMAL NUMBER	UTERUS
111	53.841
112	43.081
113	91.278
114	61.054
115	51.752
116	60.683
117	80.791
118	45.736
119	102.700
120	61.719

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 1
18-APR-05

CORPORA LUTEA COUNT

REPRODUCTIVE GROUPS FEMALES
GROUP 1 (0 MG/KG)

ANIMAL NUMBER	Corpora Lutea
41	24
42	24
43	16
44	16
45	28
46	21
47	29
48	26
49	30
50	27

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 2
18-APR-05

CORPORA LUTEA COUNT

REPRODUCTIVE GROUPS FEMALES
GROUP 2 (100 MG/KG)

ANIMAL NUMBER	Corpora Lutea
51	27
52	26
53	19
54	24
55	27
56	15
57	22
58	30
59	24
60	21

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 3
18-APR-05

CORPORA LUTEA COUNT

REPRODUCTIVE GROUPS FEMALES
GROUP 3 (500 MG/KG)

ANIMAL NUMBER	Corpora Lutea
61	28
62	28
63	20
64	24
65	23
66	20
67	23
68	23
69	26
70	20

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PAR-IND - 4
18-APR-05

CORPORA LUTEA COUNT

REPRODUCTIVE GROUPS FEMALES
GROUP 4 (1000 MG/KG)

ANIMAL NUMBER	Corpora Lutea
71	23
72	26
73	29
74	29
75	23
76	18
77	23
78	29
79	---
80	22

RCC Study Number 851639

3-(Triethoxysilyl)-propanenitrile:

Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat

Report (Part II of II)

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Study Completion Date: October 31, 2005

RCC

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RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

8.2 PUP DATA

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 1
14-APR-05

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
41	1	M	--	6.4	8.2
	2	M	--	6.1	7.0
	3	M	--	6.1	7.2
	4	M	--	6.2	7.8
	5	M	--	6.4	7.6
	6	M	--	6.6	8.5
	7	M	--	6.4	8.0
	8	M	--	6.2	7.4
	9	M	--	6.3	7.4
	10	F	--	6.2	7.8
	11	F	--	6.1	7.9
	12	F	--	5.4	7.2
	13	F	--	5.6	7.3
	14	F	--	5.7	7.2
42	1	M	--	5.9	8.7
	2	M	--	5.9	8.8
	3	M	--	5.8	8.4
	4	M	--	5.8	8.3
	5	M	--	5.7	7.9
	6	F	--	5.4	8.2
	7	F	--	5.6	8.5
	8	F	--	5.9	8.5
	9	F	--	5.4	8.2
	10	F	--	5.5	8.3
	11	F	--	5.5	8.2
	12	F	--	5.2	8.0
43	1	M	--	7.2	10.5
	2	M	--	7.3	10.3
	3	M	--	6.7	10.1
	4	M	--	6.5	9.7
	5	M	--	6.5	9.8
	6	M	--	6.9	10.5
	7	F	--	5.8	9.0
	8	F	--	6.6	10.2
	9	F	--	6.5	9.9
	10	F	--	6.6	10.0
	11	F	--	6.5	9.9
44	1	M	--	5.9	8.5
	2	M	--	6.4	8.5
	3	M	--	5.8	8.2
	4	M	--	5.9	8.4
	5	M	--	5.7	8.4
	6	M	--	5.8	8.2
	7	M	--	6.0	8.7
	8	F	--	5.2	7.1
	9	F	--	5.0	7.7
	10	F	--	5.6	7.4
	11	F	--	5.3	7.9
	12	F	--	5.1	6.2
	13	F	--	5.0	7.7
45	1	M	--	6.7	9.6
	2	M	--	7.4	5.5
	3	M	--	6.7	9.2
	4	M	--	7.3	9.9
	5	M	--	7.3	10.0
	6	M	--	7.3	10.4
	7	M	--	6.9	9.6
	8	M	--	6.6	9.2
	9	F	--	6.8	8.8
	10	F	--	7.1	9.7
	11	F	--	6.1	8.8
	12	F	--	6.6	9.3
	13	F	--	5.9	8.4
46	1	M	--	6.0	9.0
	2	M	--	5.9	8.8
	3	M	--	6.0	8.3
	4	M	--	6.1	9.2

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 2
14-APR-05

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
46	5	F	--	5.5	8.1
	6	F	--	5.7	8.4
	7	F	--	6.0	9.1
	8	F	--	6.3	9.3
	9	F	--	5.5	8.1
	10	F	--	5.6	8.5
	11	F	--	6.3	9.2
	12	F	--	5.5	8.2
	13	F	--	5.5	8.5
	14	F	--	6.2	9.6
47	1	M	--	3.8	9.5
	2	M	--	6.4	10.5
	3	M	--	6.0	10.4
	4	M	--	5.5	10.1
	5	M	--	5.7	10.1
	6	M	--	5.7	9.3
	7	F	--	5.9	--
	8	F	--	6.5	9.6
	9	F	--	6.5	8.9
	10	F	--	6.5	9.1
48	1	M	--	6.1	10.1
	2	M	--	7.4	11.0
	3	M	--	6.8	10.3
	4	F	--	7.3	10.6
	5	F	--	6.7	10.2
	6	F	--	6.6	10.5
	7	F	--	6.7	9.8
	8	F	--	7.0	11.2
	9	F	--	7.2	10.8
	10	F	--	7.2	11.4
	11	F	--	6.5	10.7
	12	F	--	6.6	9.9
49	1	M	--	6.5	9.0
	2	F	--	6.5	9.2
	3	F	--	5.3	7.5
	4	F	--	6.0	8.9
	5	F	--	5.9	8.5
	6	F	--	5.9	8.3
	7	F	--	5.5	8.3
	8	F	--	6.2	8.8
	9	F	--	5.7	8.1
	10	F	--	4.0	5.5
	11	F	--	6.5	9.3
	12	F	--	6.3	9.0
	13	F	--	5.4	7.8
	14	F	--	5.6	8.5
50	1	M	--	4.8	7.6
	2	M	--	7.2	11.0
	3	M	--	6.1	9.6
	4	M	--	5.9	8.9
	5	M	--	6.3	9.6
	6	F	--	6.8	10.5
	7	F	--	5.4	8.8
	8	F	--	5.9	9.2
	9	F	--	5.5	8.3
	10	F	--	6.1	9.3

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 3
14-APR-05

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
51	1	M	--	5.4	7.9
	2	M	--	5.5	7.6
	3	M	--	4.6	6.7
	4	M	--	5.0	7.2
	5	M	--	5.4	7.5
	6	M	--	5.1	7.7
	7	M	--	5.3	7.9
	8	M	--	5.2	7.6
	9	F	--	5.4	7.6
	10	F	--	5.4	7.8
	11	F	--	5.4	8.0
	12	F	--	3.5	--
	13	F	--	4.6	6.7
	14	F	--	4.9	7.1
	15	F	--	5.2	7.6
	16	F	--	4.2	6.3
52	1	M	--	6.8	10.9
	2	M	--	7.2	11.2
	3	M	--	6.6	10.6
	4	M	--	8.1	12.2
	5	M	--	7.0	10.9
	6	F	--	9.4	--
	7	F	--	6.7	10.2
	8	F	--	6.3	10.3
53	1	M	6.7	6.7	10.5
	2	M	6.4	6.6	10.1
	3	M	6.5	7.1	10.7
	4	M	6.4	6.8	10.8
	5	F	6.3	6.6	10.4
	6	F	6.0	6.7	10.8
	7	F	6.5	6.5	10.0
	8	F	6.3	6.3	10.1
	9	F	6.3	6.5	10.2
54	1	M	--	5.1	6.4
	2	M	--	5.2	6.9
	3	M	--	5.4	6.8
	4	M	--	5.3	5.6
	5	M	--	5.3	6.9
	6	M	--	5.3	6.7
	7	M	--	5.7	7.4
	8	M	--	5.0	6.6
	9	M	--	5.6	7.3
	10	F	--	5.5	7.2
	11	F	--	5.1	6.4
	12	F	--	5.0	6.3
	13	F	--	5.3	6.4
	14	F	--	4.9	6.2
	15	F	--	5.2	6.6
	16	F	--	4.9	6.2
	17	F	--	4.9	6.3
55	1	M	--	6.1	9.5
	2	M	--	5.6	9.4
	3	M	--	6.2	9.9
	4	M	--	5.7	9.0
	5	M	--	5.8	9.5
	6	M	--	--	--
	7	M	--	--	--
	8	F	--	5.4	8.5
	9	F	--	5.4	9.6
	10	F	--	5.7	9.4
56	1	M	--	5.8	8.7
	2	M	--	5.6	8.3
	3	M	--	6.0	8.9
	4	M	--	5.7	9.2
	5	M	--	5.5	8.2
	6	F	--	5.1	8.5
	7	F	--	5.3	8.1

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 4
14-APR-05

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
56	8	F	--	5.5	8.4
	9	F	--	5.3	7.9
	10	F	--	5.7	8.7
57	1	M	--	7.2	11.7
	2	M	--	7.6	12.3
	3	M	--	7.1	11.4
	4	F	--	6.8	11.6
	5	F	--	6.6	10.9
	6	F	--	6.5	10.6
	7	F	--	7.0	11.3
	8	F	--	7.4	11.6
	9	F	--	6.4	10.0
	10	F	--	7.0	11.6
	11	F	--	6.9	10.9
58	1	M	6.4	6.8	11.3
	2	M	5.8	7.3	11.8
	3	M	6.5	7.1	11.6
	4	M	6.3	6.4	10.6
	5	F	5.7	6.4	10.4
	6	F	5.5	6.7	10.6
	7	F	4.8	6.3	10.5
	8	F	6.3	5.4	10.5
	9	F	5.8	6.3	10.3
	10	F	5.5	6.5	10.3
	11	F	6.0	6.7	10.9
	12	F	5.6	6.8	11.4
59	1	M	--	5.4	8.0
	2	M	--	6.5	7.8
	3	M	--	5.0	7.5
	4	M	--	5.4	7.9
	5	M	--	5.4	7.6
	6	M	--	5.2	7.5
	7	M	--	5.6	7.7
	8	M	--	5.3	7.5
	9	M	--	--	--
	10	F	--	5.0	7.2
	11	F	--	5.3	7.9
	12	F	--	4.7	7.0
	13	F	--	5.0	7.4
	14	F	--	4.6	6.9
	15	F	--	5.2	8.3
	16	F	--	5.2	8.0
	17	F	--	4.9	7.3
	18	F	--	4.4	6.8
60	1	M	--	5.8	8.7
	2	M	--	5.4	7.8
	3	M	--	6.7	9.2
	4	M	--	5.8	9.0
	5	M	--	6.5	9.1
	6	M	--	5.8	8.0
	7	F	--	5.8	8.4
	8	F	--	6.5	8.6
	9	F	--	5.4	7.7
	10	F	--	6.1	8.0
	11	F	--	5.9	8.3
	12	F	--	6.1	8.7
	13	F	--	6.6	8.9

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 5
14-APR-05

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
61	1	M	--	6.2	8.8
	2	M	--	6.5	9.0
	3	M	--	6.8	9.2
	4	M	--	7.5	10.0
	5	M	--	7.1	9.4
	6	M	--	7.4	9.5
	7	M	--	6.9	9.6
	8	M	--	6.7	8.7
	9	M	--	6.5	9.1
	10	F	--	5.9	8.6
	11	F	--	6.6	8.8
	12	F	--	6.6	8.8
	13	F	--	6.4	8.8
	14	F	--	6.0	7.8
62	1	M	6.1	6.5	9.9
	2	M	5.9	6.6	10.1
	3	M	6.0	6.5	9.4
	4	M	6.0	6.8	10.5
	5	M	6.2	6.6	9.6
	6	M	6.3	6.6	10.5
	7	F	5.9	6.5	9.9
	8	F	6.0	6.4	10.1
	9	F	5.5	6.0	9.7
	10	F	6.0	6.6	9.4
	11	F	5.5	5.9	--
	12	F	6.1	6.3	--
	13	F	5.5	6.7	10.1
63	1	M	--	6.0	8.1
	2	M	--	6.2	8.2
	3	M	--	6.2	8.2
	4	M	--	5.8	8.0
	5	M	--	6.2	8.2
	6	M	--	6.3	8.6
	7	F	--	5.4	7.7
	8	F	--	5.6	7.6
	9	F	--	5.9	8.1
	10	F	--	5.8	8.0
	11	F	--	5.8	8.1
	12	F	--	6.1	8.3
64	1	M	--	6.7	9.0
	2	M	--	8.7	9.1
	3	M	--	7.0	9.0
	4	M	--	7.0	9.5
	5	M	--	6.5	8.4
	6	M	--	6.8	8.9
	7	M	--	6.5	8.5
	8	M	--	6.3	8.1
	9	M	--	6.4	9.0
	10	F	--	6.5	9.1
	11	F	--	6.4	9.2
	12	F	--	6.6	9.2
	13	F	--	6.3	7.3
	14	F	--	6.5	9.1
	15	F	--	6.6	9.0
	16	F	--	6.2	8.2
	17	F	--	6.7	8.7
65	1	M	--	6.9	10.7
	2	M	--	6.8	10.4
	3	M	--	7.3	11.0
	4	M	--	7.1	11.0
	5	F	--	6.9	10.6
	6	F	--	6.8	10.6
	7	F	--	7.1	10.9
	8	F	--	7.0	10.6
	9	F	--	6.9	9.9
	10	F	--	7.6	11.0
	11	F	--	7.0	10.6
	12	F	--	6.8	10.1

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
65	13	F	--	6.6	10.7
66	1	M	--	6.6	10.1
	2	M	--	7.1	10.6
	3	M	--	7.2	10.7
	4	M	--	6.7	10.3
	5	M	--	6.8	10.3
	6	M	--	7.0	10.1
	7	M	--	7.1	10.9
	8	F	--	6.6	10.2
	9	F	--	6.9	10.7
	10	F	--	6.6	10.5
	11	F	--	6.4	9.6
	12	F	--	6.7	9.9
	13	F	--	6.8	10.1
67	1	M	--	5.4	9.2
	2	M	--	5.7	9.8
	3	M	--	5.4	--
	4	M	--	6.3	9.9
	5	M	--	6.2	9.9
	6	M	--	5.3	8.4
	7	M	--	6.4	8.9
	8	M	--	5.4	9.2
	9	F	--	5.6	9.5
	10	F	--	5.9	9.9
	11	F	--	5.2	9.1
	12	F	--	5.6	9.4
	13	F	--	4.4	7.9
	14	F	--	5.0	8.8
68	1	M	--	5.7	8.3
	2	M	--	5.7	8.7
	3	M	--	5.6	8.5
	4	M	--	5.9	8.3
	5	M	--	5.3	7.7
	6	M	--	5.6	8.4
	7	M	--	5.6	8.3
	8	M	--	5.6	8.3
	9	F	--	5.3	7.9
	10	F	--	5.9	8.7
	11	F	--	5.2	8.0
	12	F	--	5.2	7.9
	13	F	--	5.2	7.9
	14	F	--	5.1	8.0
69	1	M	--	6.1	8.7
	2	M	--	5.8	8.1
	3	M	--	7.1	8.0
	4	M	--	7.3	8.6
	5	M	--	7.4	8.3
	6	M	--	6.0	8.2
	7	M	--	6.0	8.2
	8	M	--	6.0	8.5
	9	F	--	5.4	7.6
	10	F	--	5.8	8.4
	11	F	--	5.4	8.2
	12	F	--	5.1	7.4
	13	F	--	4.3	6.4
	14	F	--	5.4	7.7
	15	F	--	5.2	8.1
70	1	M	6.1	6.8	10.9
	2	M	5.9	7.2	11.0
	3	M	6.5	7.4	11.7
	4	M	6.5	7.6	11.9
	5	F	6.0	6.8	11.1
	6	F	5.9	6.9	11.1
	7	F	6.0	7.2	11.4
	8	F	5.8	6.7	11.0
	9	F	6.2	6.7	10.6
	10	F	5.9	6.9	10.8

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BW-IND - 7
14-APR-05

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
71	1	M	--	7.9	12.1
	2	M	--	7.6	11.2
	3	M	--	7.3	11.3
	4	M	--	8.0	11.7
	5	F	--	6.8	7.3
	6	F	--	6.7	10.6
	7	F	--	6.2	9.9
72	1	M	--	7.5	10.8
	2	M	--	6.9	9.9
	3	M	--	6.8	9.7
	4	M	--	7.0	10.3
	5	M	--	6.8	10.2
	6	F	--	6.6	10.2
	7	F	--	6.4	9.7
	8	F	--	5.9	9.5
	9	F	--	6.0	9.3
	10	F	--	6.4	10.1
	11	F	--	6.6	10.1
73	1	M	--	6.1	9.9
	2	M	--	5.9	8.7
	3	M	--	6.0	9.0
	4	M	--	5.6	8.8
	5	M	--	6.1	--
	6	M	--	6.0	9.3
	7	M	--	--	--
	8	F	--	5.8	9.6
	9	F	--	5.3	8.2
	10	F	--	4.9	7.8
	11	F	--	5.6	8.9
	12	F	--	5.8	8.9
	13	F	--	5.3	8.4
	14	F	--	--	--
74	1	M	--	5.1	8.1
	2	M	--	5.5	8.4
	3	M	--	5.8	8.2
	4	M	--	5.7	8.7
	5	M	--	4.7	--
	6	F	--	5.1	8.0
	7	F	--	5.0	7.6
	8	F	--	4.6	--
	9	F	--	4.9	7.8
	10	F	--	4.7	8.1
	11	F	--	4.7	7.5
	12	F	--	4.9	7.6
	13	F	--	4.9	7.5
75	1	M	--	6.4	8.5
	2	M	--	6.8	8.8
	3	M	--	6.0	8.2
	4	M	--	5.8	8.1
	5	F	--	4.2	5.0
	6	F	--	6.0	7.9
	7	F	--	5.9	8.1
	8	F	--	6.1	8.4
	9	F	--	6.4	8.7
	10	F	--	5.5	7.7
	11	F	--	5.8	8.3
	12	F	--	5.5	7.5
76	1	M	--	6.0	9.0
	2	M	--	5.1	6.8
	3	M	--	6.5	9.1
	4	M	--	7.3	8.3
	5	M	--	6.1	8.5
	6	M	--	5.9	8.2
	7	F	--	6.5	8.0
	8	F	--	4.8	7.0
	9	F	--	5.8	9.0
	10	F	--	5.0	6.8

RCC STUDY NUMBER 851639 BW-IND - 8
3-(TRIETHOXYSILYL)-PROPANENITRILE 14-APR-05

BODY WEIGHTS OF PUPS (GRAM)
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER	PUP	SEX	DAY 0	DAY 1	DAY 4
76	11	F	--	6.2	9.1
	12	F	--	5.2	7.7
	13	F	--	6.4	9.0
	14	F	--	5.4	7.7
	15	F	--	5.5	7.8
77	1	M	--	6.1	8.3
	2	M	--	5.7	7.7
	3	M	--	5.9	7.6
	4	M	--	6.0	8.1
	5	M	--	6.0	7.9
	6	M	--	6.0	7.8
	7	F	--	5.2	7.2
	8	F	--	5.3	7.2
	9	F	--	5.6	7.1
	10	F	--	5.2	7.1
	11	F	--	5.4	7.3
	12	F	--	5.4	7.5
78	1	M	6.0	6.5	9.9
	2	M	5.9	6.9	10.9
	3	M	6.3	6.5	9.6
	4	M	6.4	6.1	10.1
	5	M	5.9	6.4	9.8
	6	M	5.9	6.1	9.4
	7	M	5.8	6.2	10.9
	8	M	5.5	6.1	10.6
	9	F	5.6	6.9	10.7
	10	F	6.3	6.5	10.5
	11	F	5.9	6.3	10.0
	12	F	5.9	5.4	8.7
	13	F	5.5	6.1	10.3
	14	F	5.9	5.8	9.2
	15	F	5.3	6.2	10.3
80	1	M	--	7.1	12.0
	2	M	--	7.4	12.4
	3	M	--	7.6	12.8
	4	F	--	6.4	11.4
	5	F	--	6.6	11.2
	6	F	--	6.6	11.3
	7	F	--	6.4	11.1
	8	F	--	7.0	12.0
	9	F	--	7.0	12.0
	10	F	--	6.9	11.8

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 1
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE		FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 41 30-OCT-04	1 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	11 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	12 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	13 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	14 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 42 31-OCT-04	1 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 2
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER DELIVERY	PUP END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 42 31-OCT-04	10 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	11 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	12 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
LITTER 43 28-OCT-04	1 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	2 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	3 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	4 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	5 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	6 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	7 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	8 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	9 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	10 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	11 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
LITTER 44 28-OCT-04	1 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	2 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	3 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	4 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	5 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	6 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	7 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	8 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	9 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 3
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 44	10 F	DAY 4 Planned necropsy	FLC	No Findings
28-OCT-04			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 45	1 M	DAY 4 Planned necropsy	FLC	No Findings
29-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 46	1 M	DAY 4 Planned necropsy	FLC	No Findings
27-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 4
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 46	7 F DAY 4	Planned necropsy	FLC	No Findings
27-OCT-04			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	14 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 47	1 M DAY 4	Planned necropsy	FLC	No Findings
26-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F DAY 3	Missing	FLC	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 48	1 M DAY 4	Planned necropsy	FLC	No Findings
31-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 48 31-OCT-04	6 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 49 29-OCT-04	1 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	14 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 50 29-OCT-04	1 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 6
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 1 (0 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE		FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 50	3 M	DAY 4	Planned necropsy	FLC	No Findings
29-OCT-04				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings

RCC STUDY NUMBER 851639 PUP-IND - 7
3-(TRIETHOXYSILYL)-PROPANENITRILE 13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 51	1 M DAY 4	Planned necropsy	FLC	No Findings
27-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F DAY 2	Spontaneous death	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	14 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	15 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	16 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 52	1 M DAY 4	Planned necropsy	FLC	No Findings
29-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F DAY 3	Missing	FLC	No Findings
	7 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 8
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 53 26-OCT-04	1 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 54 25-OCT-04	1 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	14 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 9
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE		FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 54	15 F	DAY 4	Planned necropsy	FLC	No Findings
25-OCT-04				LLC	No Findings
				MACRO	No Findings
	16 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	17 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 55	1 M	DAY 4	Planned necropsy	FLC	No Findings
28-OCT-04				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 M	DAY 1	Dead at FLC	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 M	DAY 1	Dead at FLC	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 56	1 M	DAY 4	Planned necropsy	FLC	No Findings
28-OCT-04				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 10
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 57 27-OCT-04	1 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 58 26-OCT-04	1 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 11
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE		FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 59	1 M	DAY 4	Planned necropsy	FLC	No Findings
28-OCT-04				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 M	DAY 1	Dead at FLC	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	11 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	12 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	13 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	14 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	15 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	16 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	17 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	18 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 60	1 M	DAY 4	Planned necropsy	FLC	No Findings
27-OCT-04				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 12
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 2 (100 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 60 27-OCT-04	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 13
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 61	1 M DAY 4	Planned necropsy	FLC	No Findings
29-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	14 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 62	1 M DAY 4	Planned necropsy	FLC	No Findings
26-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 14
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 62	10 F	DAY 4 Planned necropsy	FLC	No Findings
26-OCT-04			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Missing	FLC	No Findings
	12 F	DAY 4 Missing	FLC	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 63	1 M	DAY 4 Planned necropsy	FLC	No Findings
25-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 64	1 M	DAY 4 Planned necropsy	FLC	No Findings
29-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 15
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE		FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 64	9 M	DAY 4	Planned necropsy	FLC	No Findings
29-OCT-04				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	11 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	12 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	13 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	14 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	15 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	16 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	17 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 65	1 M	DAY 4	Planned necropsy	FLC	No Findings
29-OCT-04				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	11 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	12 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	13 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 66	1 M	DAY 4	Planned necropsy	FLC	No Findings
27-OCT-04				LLC	No Findings
				MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 16
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE		FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 66 27-OCT-04	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	11 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	12 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	13 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 67 27-OCT-04	1 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 2	Missing	FLC	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	11 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	12 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 17
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER DELIVERY	PUP END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 67 27-OCT-04	13 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	14 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
LITTER 68 27-OCT-04	1 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	2 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	3 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	4 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	5 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	6 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	7 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	8 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	9 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	10 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	11 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	12 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	13 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	14 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
LITTER 69 28-OCT-04	1 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	2 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	3 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	4 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	5 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	6 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	7 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 18
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 3 (500 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE		FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 69 28-OCT-04	8 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	11 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	12 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	13 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	14 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	15 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
LITTER 70 26-OCT-04	1 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	2 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	3 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	4 M	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	5 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	6 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	7 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	8 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	9 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings
	10 F	DAY 4	Planned necropsy	FLC	No Findings
				LLC	No Findings
				MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 19
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER DELIVERY	PUP END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 71 28-OCT-04	1 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	2 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	3 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	4 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	5 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	6 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	7 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
LITTER 72 28-OCT-04	1 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	2 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	3 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	4 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	5 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	6 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	7 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	8 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	9 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	10 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	11 F DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
LITTER 73 28-OCT-04	1 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	2 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	3 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	4 M DAY 4 Planned necropsy	FLC	No Findings
		LLC	No Findings
		MACRO	No Findings
	5 M DAY 4 Missing	FLC	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 20
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 73 28-OCT-04	6 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 M	DAY 1 Dead at FLC	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	14 F	DAY 1 Dead at FLC	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 74 28-OCT-04	1 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M	DAY 4 Missing	FLC	No Findings
	6 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Missing	FLC	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 75 25-OCT-04	1 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 21
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 75	3 M	DAY 4 Planned necropsy	FLC	No Findings
25-OCT-04			LLC	No Findings
			MACRO	No Findings
	4 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 76	1 M	DAY 4 Planned necropsy	FLC	No Findings
28-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 22
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 76 28-OCT-04	14 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	15 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 77 25-OCT-04	1 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	11 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 78 26-OCT-04	1 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	2 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 M DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F DAY 4	Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

PUP-IND - 23
13-APR-05

INDIVIDUAL PUP DATA
F1 PUPS
GROUP 4 (1000 MG/KG)

LITTER DELIVERY	PUP	END OF P.P. PHASE	FIRST LITTER CHECK (FLC), CLINICAL SIGNS (DAY P.P.), LAST LITTER CHECK (LLC), MACROSCOPIC FINDINGS (MACRO)	
LITTER 78	10 F	DAY 4 Planned necropsy	FLC	No Findings
26-OCT-04			LLC	No Findings
			MACRO	No Findings
	11 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	12 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	13 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	14 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	15 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
LITTER 80	1 M	DAY 4 Planned necropsy	FLC	No Findings
27-OCT-04			LLC	No Findings
			MACRO	No Findings
	2 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	3 M	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	4 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	5 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	6 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	7 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	8 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	9 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings
	10 F	DAY 4 Planned necropsy	FLC	No Findings
			LLC	No Findings
			MACRO	No Findings

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9 ATTACHMENTS

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9.1 ATTACHMENT I

WATER ANALYSES:

- BACTERIOLOGICAL AND CHEMICAL ASSAYS, CONTAMINANT ANALYSIS OF DRINKING WATER

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

BACTERIOLOGICAL ASSAY OF DRINKING WATER, FUELLINSDORF

Official Laboratory	Liestal, 16.07.2004
Basel-Landschaft	Ref.no. 200033668
Sampling point:	35.991.N Net water RCC Ltd, Füllinsdorf, Bldg. 2
Sampled on:	06.07.2004
Sample:	
Time of sampling	8.20-8.50
Water temperature (°C)	14.3

BACTERIOLOGICAL TEST:

Aerobic mesophilic bacteria / ml	1
E.coli / 100 ml	0
Enterococci / 100 ml	0

ASSESSMENT:

At the time of sampling, the tested bacteriological parameters met the requirements for drinking water according to article 275 of the "Eidg. Lebensmittelverordnung".

Liestal, September 6, 2004
Cert. BL040148

Official Laboratory
The Official Chemist

(signed Dr. [illegible])

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

CHEMICAL WATER ANALYSIS, FUELLINSDORF

Official Laboratory Basel-Landschaft	Liestal, 16.07.2004 Ref.no. 200033669
Sampling point:	35.991.N Net water, RCC Ltd, Füllinsdorf, Bldg. 2
Sampled on:	06.07.2004
Time of sampling	8.20-8.50
Water temperature (°C)	14.3

CHEMICAL TEST:

Appearance			clear, colourless
Odor			not remarkable
Taste			not remarkable
UV-absorption at 254 nm/100 cm			1.41
Conductivity		µS/cm	615.0
Oxygen demand	($KMnO_4$ cons.)	mg/l	2.6
Turbidity	FNU		0.11
Chloride	Cl^-	mg/l	21.0
Nitrate	NO_3^-	mg/l	19.1
Sulphate	SO_4^{--}	mg/l	72.9
Nitrite	NO_2^-	mg/l	<0.005
Total hardness		fr.H°	33.1
Alkaline hardness		fr.H°	25.9
Non carbonate hardness		fr.H°	7.2
Calcium	Ca^{++}	mg/l	117.2
Magnesium	Mg^{++}	mg/l	9.3

ASSESSMENT:

At the time of sampling, the tested chemical parameters met the requirements for drinking water according to article 275 of the "Eidg. Lebensmittelverordnung".

Liestal, September 6, 2004
Cert. BL040149

Official Laboratory
The Official Chemist

(signed Dr. N. Deggh)

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

CONTAMINANT ASSAY OF DRINKING WATER, FÜLLINSDORF

RCC Project: 855528

Date of Sampling: 06.07.2004

Sample: H_2O, RCC Ltd, Füllinsdorf, Bldg. 2

PARAMETER	ASSAY LEVEL µg/l	LIMIT * µg/l
Lindane	< 0.05	0.1
Heptachlor	< 0.05	0.1
Malathion	< 0.05	0.1
DDT, total	< 0.05	0.1
Dieldrin	< 0.05	0.1
Cadmium	< 0.5	5
Arsenic	< 3	50
Lead	< 3	50
Mercury	< 1	1
Selenium	< 3	10
Copper	< 4	1500
PCBs (28, 52, 101, 138, 153, 180)	< 0.05	0.1
Nitrosamines, total (DMN, DEN, NPIP, NMORPH)	< 0.002	-----

< 0.05 = less than 0.05 microgram per liter

* Schweizer Lebensmittelbuch

September 03, 2004

signed K. Biedermann

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9.2 ATTACHMENT II

CHEMICAL ANALYSES OF FEED:

- ASSAY FOR CONTAMINANTS

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

ANALYTICAL TEST REPORT

RCC Study 847194
June 07, 2004

Prepared for	PROVIMI KLIBA AG 4303 Kaiseraugst
Attention of	Dr. Isler
Materials tested	KLIBA-NAFAG 3433 Batch 34/04 vom 03.06.04
Test performed	AAS, GC, GC-MS, HPLC
Test results	See attached Table 1
Submitted	E. Dettwiler
Issued by	K. Biedermann

June 16, 2004/sco

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

ATTACHMENT

RCC Study 847194
June 07, 2004

Table 1 - Test Results

KLIBA-NAFAG 3433
Batch 34/04 vom 03.06.04

PARAMETER	ASSAY LEVEL mg/kg	LIMIT* mg/kg
Aflatoxins (B1, B2, G1, G2), total	< 0.001	0.005
Estrogens (DES, Hexestrol, Dienestrol), total	< 0.001	0.001
Lindane	< 0.005	0.02
Heptachlor	< 0.005	0.02
Malathion	< 0.5	2.5
DDT, total	< 0.025	0.100
Dieldrin	< 0.005	0.02
Cadmium	0.04	0.160
Arsenic	< 0.15	1.0
Lead	< 0.25	1.5
Mercury	< 0.05	0.1
Selenium	< 0.15	0.6
Copper	14	----
PCBs	< 0.025	0.05
Nitrosamines (DMN, DEN, NPIP, NMORPH), total	< 0.002	0.010

< 0.001 = less than 0.001 milligram per kilogram
* = USP EPA, Federal Register, Vol. 44, No. 91, May 9, 1979

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

ANALYTICAL TEST REPORT

RCC Study 847194
July 26, 2004

Prepared for	PROVIMI KLIBA AG 4303 Kaiseraugst
Attention of	Dr. Isler
Materials tested	KLIBA-NAFAG 3433 Batch 42/04 vom 20/22.07.04
Test performed	AAS, GC, GC-MS, HPLC
Test results	See attached Table 1
Submitted	E. Dettwiler
Issued by	K. Biedermann

August 04, 2004/zns

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

ATTACHMENT

RCC Study 847194
July 26, 2004

Table 1 - Test Results

KLIBA-NAFAG 3433
Batch 42/04 vom 20/22.07.04

PARAMETER	ASSAY LEVEL mg/kg	LIMIT* mg/kg
Aflatoxins (B1, B2, G1, G2), total	< 0.001	0.005
Estrogens (DES, Hexestrol, Dienestrol), total	< 0.001	0.001
Lindane	< 0.005	0.02
Heptachlor	< 0.005	0.02
Malathion	< 0.5	2.5
DDT, total	< 0.025	0.100
Dieldrin	< 0.005	0.02
Cadmium	0.05	0.160
Arsenic	< 0.15	1.0
Lead	< 0.25	1.5
Mercury	< 0.05	0.1
Selenium	< 0.15	0.6
Copper	13	----
PCBs	< 0.025	0.05
Nitrosamines (DMN, DEN, NPIP, NMORPH), total	< 0.002	0.010

< 0.001 = less than 0.001 milligram per kilogram
* = USP EPA, Federal Register, Vol. 44, No. 91, May 9, 1979

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9.3 ATTACHMENT III

CERTIFICATE OF ANALYSIS OF THE TEST ITEM

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

D-76187 Karlsruhe
Im Schlehert 10
Telefon: +49 (0)721 95061-0
Telefax: +49 (0)721 95061-80
E-mail: info@abcr.de
Internet: www.abcr.de

Certificate of analysis

SIC2445.0

2-Cyanoethyltriethoxysilane

CAS [919-31-3]

Appearance	colourless to yellowish liquid
Assay(GC)(95% min.)	97.8%

Lot: 4A-4363-BS

Stability is 18 months from date of shipment if kept in a dry and cool place.

ABCR GmbH & Co. KG

Karlsruhe, 07.09.2004

Oksengendler

Dr. Inna Oksengendler

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9.4 ATTACHMENT IV

CERTIFICATE OF ANALYSIS OF THE VEHICLE

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Analysenzertifikat

Carl Roth GmbH + Co • 76185 Karlsruhe
Schoemperlenstraße 1-5
Telefon: 0721 • 56 06-0
Telefax: 0721 • 56 06-149
E-Mail: info@carlroth.de
http://www.carl-roth.de

Datum + Zeichen: 20.04.05 DrHz/

Artikelnummer: 6212
Produkt: Maiskeimöl

Charge: 47360894
Dichte: 0,92
Formel:
Schmelzpunkt:
Flammpunkt:

Reinheit: raffiniert, Ph.Eur.
CAS-Nummer: 8001-30-7
Molekulargewicht:
Lagertemperatur:
Siedepunkt:

Relative Dichte (20°C)	0,919
Brechungsindex n 20/D	1,4739
Säurezahl	0,14 mgKOH/g
Peroxidzahl	0,40 meq O_2/kg
Alkalisch reag. Subst.	entspricht
Unverseifbare Anteile	<2,0 %
<C 16:0	n.n.
C 16:0 Palmitinsäure	10,8 %
C 18:0 Stearinsäure	1,9 %
C 18:1 Ölsäure	29,5 %
C 18:2 Linolsäure	55,9 %
C 18:3 Linolensäure	0,9%
C 20:0 Arachinsäure	0,4%
C 20:1 Gadoleinsäure	0,3 %
C 22:0 Behensäure	0,1 %
Sonstige Fettsäure	0,1%

Unsere Produkte sind für Laborzwecke geprüft.
Carl Roth GmbH + Co.

i.A.

Carl Roth GmbH + Co KG
Schoemperlenstraße 5
76185 KARLSRUHE
Telefon 07 21 / 56 06-0
Telefax 07 21 / 56 06-149

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9.5 ATTACHMENT V

ANALYTICAL PHASE REPORT:

- DETERMINATION OF CONCENTRATION, HOMOGENEITY, AND STABILITY OF 3-(TRIETHOXYSILYL)-PROPANENITRILE IN DRIED CORN OIL

ANALYTICAL PHASE REPORT

Analytical Phase to:

3-(triethoxysilyl)-Propanenitrile:
COMBINED REPEATED DOSE TOXICITY STUDY WITH THE REPRODUCTION/DEVELOPMENTAL TOXICITY SCREENING TEST IN THE RAT

Subtitle:

Determination of Concentration, Homogeneity, and Stability of 3-(triethoxysilyl)-Propanenitrile in Dried Corn Oil

Study Director:

Dr. R. Gerspach (RCC Ltd, Toxicology, Itingen)

Principal Investigator Analytical Phase:

Dr. D. Flade

Completion Date of Analytical Phase Report:

October 25, 2005

Test Site:

RCC Ltd
Environmental Chemistry &
Pharmanalytics
CH-4452 Itingen / Switzerland

RCC Study No.:

851639

GOOD LABORATORY PRACTICE

STATEMENT OF COMPLIANCE

RCC Study Number :	851639
Study Director :	Dr. R. Gerspach, RCC Ltd, Toxicology, Itingen / Switzerland
Test Item :	3-(triethoxysilyl)-Propanenitrile
Principal Investigator Analytical Phase :	Dr. D. Flade
Analytical Phase to :	3-(triethoxysilyl)-Propanenitrile: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat

The analytical phase has been performed in compliance with the Swiss Ordinance relating to Good Laboratory Practice, adopted February 2nd, 2000 [RS 813.016.5]. This Ordinance is based on the OECD Principles of Good Laboratory Practice, as revised in 1997 and adopted November 26th, 1997 by decision of the OECD Council [C(97)186/Final].

Principal Investigator
Analytical Phase: Dr. D. Flade

D. Flade
.....
Date: October 25, 2005

SIGNATURES

Principal Investigator
Analytical Phase: Dr. D. Flade

D. Flade
.....
Date: October 25, 2005

Management: Dr. J. Schreitmüller

J. Schreitmüller
.....
Date: October 25, 2005

QUALITY ASSURANCE

RCC Ltd, Environmental Chemistry & Pharmanalytics, CH-4452 Itingen / Switzerland

STATEMENT

RCC Study Number :	851639
Study Director :	Dr. R. Gerspach, RCC Ltd, Toxicology, Itingen / Switzerland
Test Item :	3-(triethoxysilyl)-Propanenitrile
Principal Investigator Analytical Phase :	Dr. D. Flade
Analytical Phase to :	3-(triethoxysilyl)-Propanenitrile: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat

The general facilities and activities are inspected periodically and the results are reported to the responsible person and the management.

Study procedures were periodically inspected. The phase report was audited by the quality assurance. The dates are given below.

Dates and Types of QA Inspections		Dates of Reports to the Principal Investigator and to the Management
October 04, 2004	Process based (analytical work)	October 04, 2004
May 13, 2005	Draft phase report	May 13, 2005
August 22, 2005	Phase report	August 22, 2005

This statement also confirms that this final phase report reflects the raw data.

Sections of the draft study plan relating to the phase were reviewed and reported to the study director, lead QA and test facility management on: January 09, 2004.

Summary report(s) of study related inspection(s) (if applicable) was/were issued to the study director, lead QA and test facility management.

Quality Assurance: I. Wiedeking

Date: October 25, 2005

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PREFACE

GENERAL

Analytical Phase to:	3-(triethoxysilyl)-Propanenitrile: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat
Sponsor:	SEHSC 11921 Freedom Drive Suite 550 Reston, VA 20190 / USA
Study Director: (Test Facility)	Dr. R. Gerspach RCC Ltd Toxicology Operational Unit: Pathology Assessment I CH-4414 Füllinsdorf / Switzerland
Test Site:	RCC Ltd Environmental Chemistry & Pharmanalytics Zelgliweg 1 CH-4452 Itingen / Switzerland

RESPONSIBILITIES

Principal Investigator Analytical Phase:	Dr. D. Flade
Reporting:	A. Ullrich
Head of RCC Quality Assurance:	I. Wüthrich

SCHEDULE OF ANALYTICAL PHASE

Experimental Starting Date:	October 12, 2004
Experimental Completion Date:	October 26, 2004
Completion Date of Analytical Phase Report:	October 25, 2005

ARCHIVING

RCC Ltd, CH-4452 Itingen/Switzerland will retain a copy of the study plan, the raw data, and the analytical phase report of the present study for at least ten years. No data will be discarded without the sponsor's consent.

1 PURPOSE

This phase report describes the analytical method employed and the results obtained for concentration, homogeneity, and stability of 3-(triethoxysilyl)-Propanenitrile in dried corn oil. The analyses were performed by GC analysis based on a method provided by the sponsor.

Analysis of homogeneity was performed by analysing samples of each dose group from three different segments (top, middle, bottom) of the respective mixing container.

Evaluation of stability was performed by analysing samples of each dose group stored at room temperature for seven days.

2 MATERIALS AND METHODS

2.1 TEST ITEM

Detailed information on the test item 3-(triethoxysilyl)-Propanenitrile (batch 4A-4363-BS) as used for analytical purposes is given in the toxicology report.

2.2 SAMPLE PREPARATION AND STORAGE

Test item/vehicle mixtures were prepared by RCC Ltd, Toxicology, Itingen and about 2 g (weighed to the third decimal place) of each mixture was delivered to the analytical laboratory of RCC Ltd, Environmental Chemistry & Pharmanalytics. These samples for analysis of concentration and homogeneity were stored deep-frozen (about -20 °C) until analysis. Storage stability samples were collected after storage (7 days at room temperature) and then delivered to the analytical laboratory where they were stored deep-frozen until analysis.

2.3 ANALYTICAL PROCEDURE

2.3.1 Reagents

Dichloromethane: Baker no. 9264

2.3.2 Standard Solutions

Stock solutions of the test item in dichloromethane with concentrations in the range from 340.9 µg/mL to 413.1 µg/mL were prepared by weighing appropriate amounts of the test item accurately into 100-mL volumetric flasks. The flasks were filled to the mark with dichloromethane. Finally, various standard solutions were prepared by respective dilution of these stock solutions with dichloromethane to yield concentrations in the range from 17.05 µg/mL to 149.0 µg/mL. These standard solutions were used for calibration of the GC.

2.3.3 Analysis of Samples

The delivered samples were filled to 100-mL with dichloromethane. Depending on the dose group, the latter sample solutions were further diluted with dichloromethane to yield concentrations within the calibration range. Finally, a defined aliquot was quantified by GC.

2.3.4 Gas Chromatographic Conditions

Apparatus:	Agilent 6890 and Agilent Chemstation + Ver G2071AA
Column:	HP-5 ns, 30 m x 0.25 mm, 0.25 µm film thickness
Carrier gas:	Helium, 2.8 mL/min
Temperatures:	Injector: 300 °C Detector: 300 °C Oven: 50 °C for 2 min at 10 °C/min to 180 °C 180 °C for 0 min at 25 °C/min to 325 °C 325 °C for 0 min
Injection:	1 µl, splitless
Detector:	FID
Retention time:	About 8.4 min

2.3.5 Evaluation of Results

Injected samples were quantified by the peak areas (counts) of the test item with reference to the calibration curve. The latter was obtained by correlation of the peak areas of the standard solutions with their corresponding concentrations (µg/mL), using the following equation 1:

$$Y = a + b \cdot X \qquad (1)$$

where

Y = Peak areas of test item in injected sample [counts]
a = Y-axis intercept
b = Slope
X = Concentration of test item in injected sample [µg/mL]

The concentrations of test item in vehicle were calculated according to equation 2:

$$C = \frac{X \cdot V \cdot D \cdot Q}{W \cdot 1000} \qquad (2)$$

where

C = Concentration of test item in vehicle [mg/mL]
X = Concentration of test item in injected sample calculated by equation 1 [µg/mL]
V = Final volume [mL]
D = Dilution factor
Q = Density of test item/vehicle mixtures [0.92 g/mL; as provided by the supplier]
W = Weight of sample [about 2 g, weighed to the third decimal place]

3 RESULTS

This chemical analysis determined concentration, homogeneity, and stability of 3-(triethoxysilyl)-Propanenitrile in dried corn oil.

Date of Preparation: 20-SEP-2004:

The mean concentrations of the homogeneity samples were found to be 96.5%, 96.7%, and 100.3% of the nominal concentrations of dose group 2 (50 mg/mL), dose group 3 (250 mg/mL), and dose group 4 (500 mg/mL), respectively. The individual concentrations varied in the range from -3% to +3% of the mean concentrations. Therefore, the test item was found to be homogeneously distributed in the vehicle.

3-(triethoxysilyl)-Propanenitrile was stable in the vehicle at room temperature for seven days.

Date of Preparation: 19-OCT-2004:

The mean concentrations of the homogeneity samples were found to be 100.9%, 93.8%, and 96.9% of the nominal concentrations of dose group 2 (50 mg/mL), dose group 3 (250 mg/mL), and dose group 4 (500 mg/mL), respectively. The individual concentrations varied in the range from -5% to +5% of the mean concentrations. Therefore, the test item was found to be homogeneously distributed in the vehicle.

In conclusion, the results obtained were within the accepted limits defined in the RCC-SOP.

The results obtained for concentration, homogeneity, and stability of 3-(triethoxysilyl)-Propanenitrile in vehicle are presented in Table 2. An example of a calibration curve is shown in Table 1 and typical chromatograms of standard solutions and test samples are presented in Figures 1 and 2.

The tabulated values represent rounded-off results by calculations based on the exact raw data.

Table 1: Example of Calibration Curve

Concentrations (µg/mL)	Peak area (counts)	Concentration corrected (µg/mL)	Peak area corrected (counts)	Bias (%)
20.66	274.4	20.63	274.8	-0.2
41.31	542.0	41.02	545.9	-0.7
61.97	817.5	62.00	817.1	0.1
103.3	1353	102.8	1360	-0.5
144.6	1924	146.3	1902	1.2
17.05	230.1	17.25	227.4	1.2
34.09	456.3	34.49	451.1	1.1
68.18	904.3	68.62	898.6	0.6
102.3	1333	101.3	1346	-1.0
136.4	1782	135.5	1794	-0.7

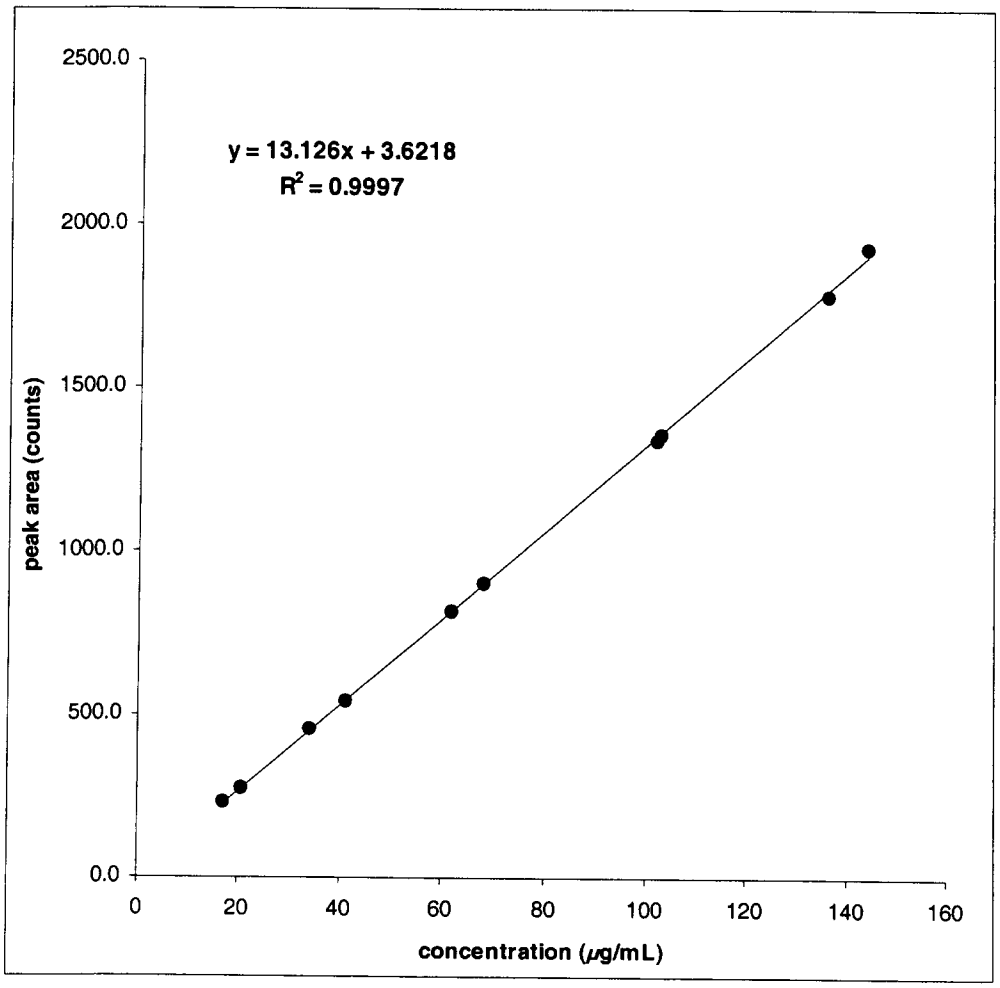


Table 2: Concentration, Homogeneity, and Stability of Test Item in Vehicle

Dose Group	Nominal Conc. (mg/mL)	TMB	Time of Storage[1]	Date of Analysis	Concentration Found			
					(mg/mL)	% of Nom.	Mean % of Nom.	± Dev. in % of Mean
Date of Preparation: 20-SEP-04								
1	---	--	0 h	12-OCT-04	0.000	---	---	---
2	50	T	0 h	12-OCT-04	46.58	93.2	96.5	-3/+3
		M	0 h	12-OCT-04	48.39	96.8		
		B	0 h	12-OCT-04	49.74	99.5		
		--	7 d	12-OCT-04	48.62	97.2	---	---
3	250	T	0 h	12-OCT-04	236.5	94.6	96.7	-2/+2
		M	0 h	12-OCT-04	242.5	97.0		
		B	0 h	12-OCT-04	246.3	98.5		
		--	7 d	12-OCT-04	252.8	101.1	---	---
4	500	T	0 h	12-OCT-04	499.2	99.8	100.3	±0
		M	0 h	12-OCT-04	503.3	100.7		
		B	0 h	12-OCT-04	502.5	100.5		
		--	7 d	12-OCT-04	596.0	99.2	---	---
Date of Preparation: 19-OCT-04								
1	---	--	0 h	26-OCT-04	0.000	---	---	---
2	50	T	0 h	26-OCT-04	50.15	100.3	100.9	-2/+3
		M	0 h	26-OCT-04	51.80	103.6		
		B	0 h	26-OCT-04	49.46	98.9		
3	250	T	0 h	26-OCT-04	246.4	98.6	93.8	-5/+5
		M	0 h	26-OCT-04	234.2	93.7		
		B	0 h	26-OCT-04	222.5	89.0		
4	500	T	0 h	26-OCT-04	481.7	96.3	96.9	-1/+1
		M	0 h	26-OCT-04	489.2	97.8		
		B	0 h	26-OCT-04	482.4	96.5		

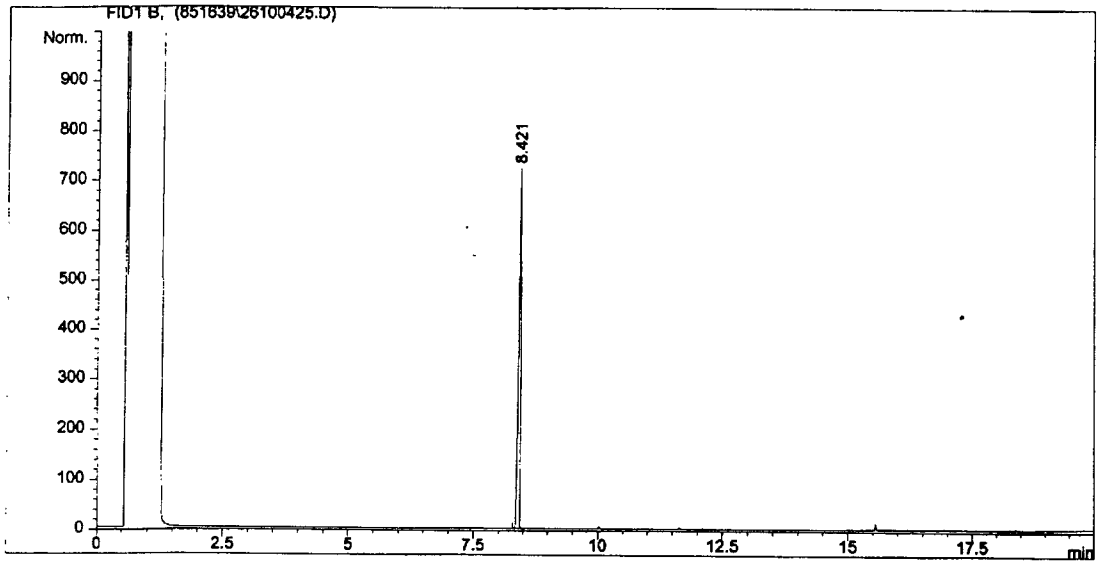
T/M/B: **T**op/**M**iddle/**B**ottom (segment of mixing container)
h/d: hours/days
[1] Under storage conditions

Figure 1: Typical Chromatograms of Standard Solutions

(A) Standard solution: 136.4 μg/mL
(B) Standard solution: 20.66 μg/mL

Date of analysis: 26-OCT-04

(A)



(B)

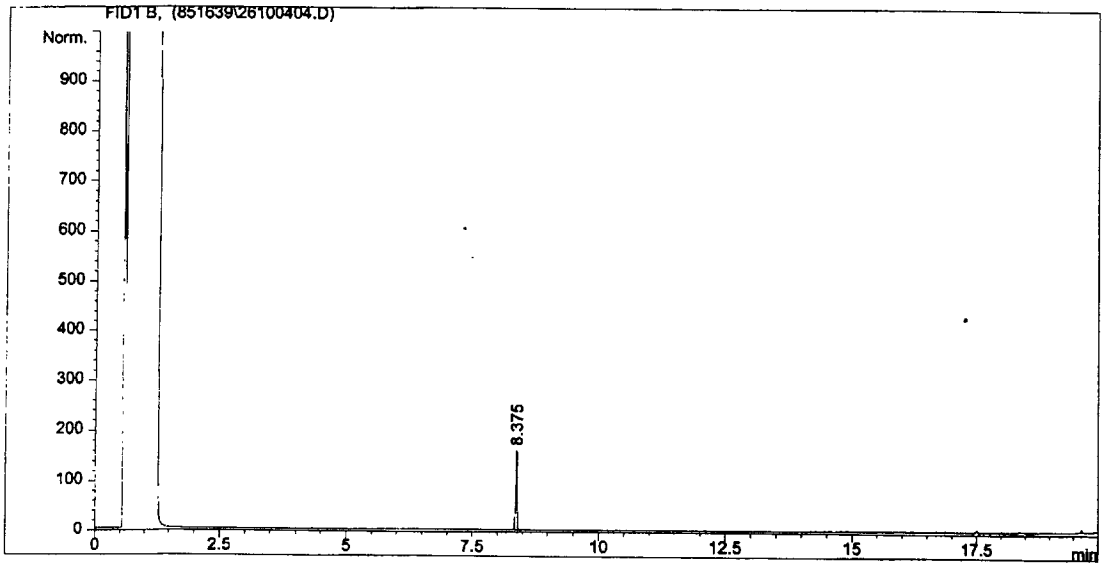
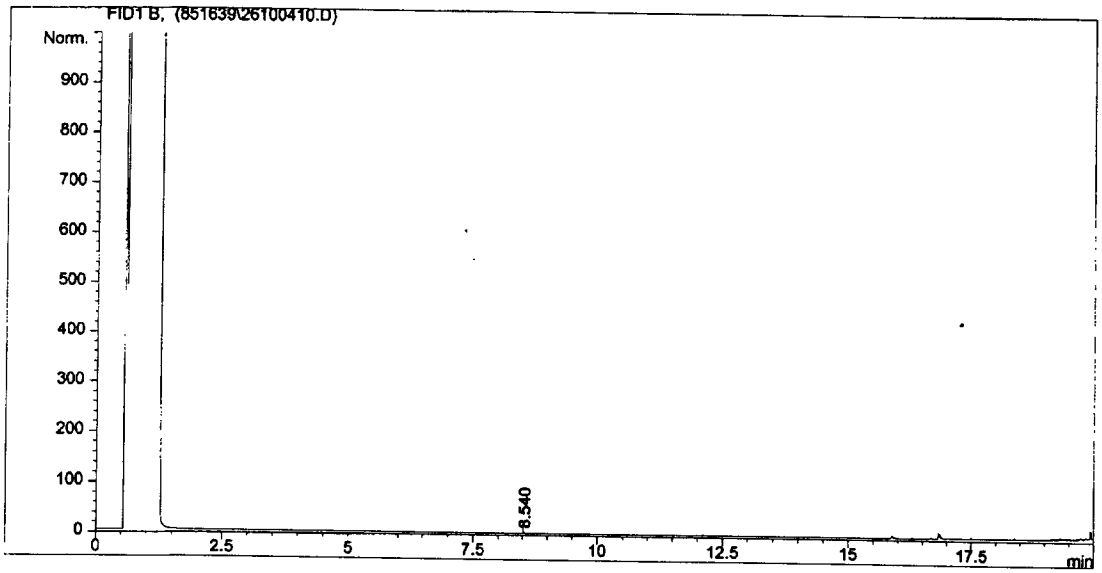


Figure 2: Typical Chromatograms of Test Samples

(A) Dose group 1, control sample, diluted
(B) Dose group 2 (top), nominal concentration: 50mg/mL, diluted

Date of analysis: 26-OCT-04

(A)



(B)

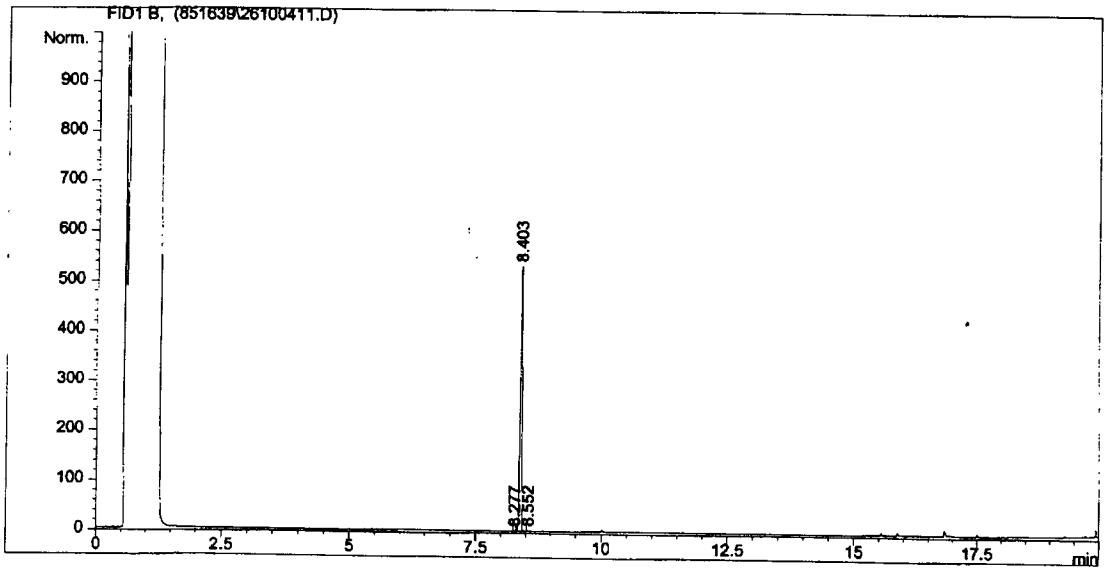
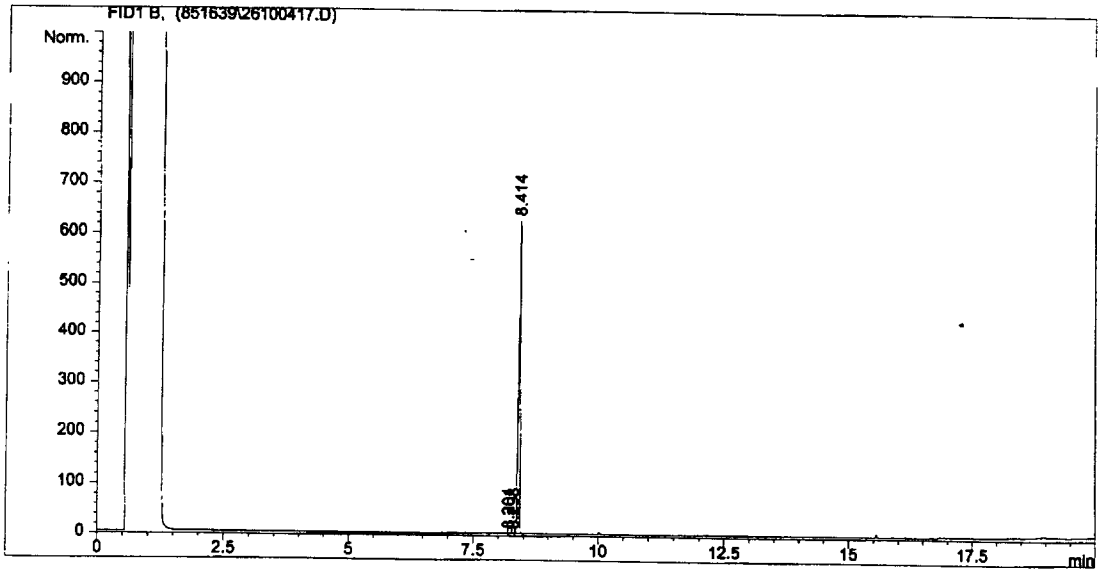


Figure 2: Cont'd

(C) Dose group 4 (top), nominal concentration: 500 mg/mL, diluted

Date of analysis: 26-OCT-04

(C)



RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9.6 ATTACHMENT VI

CLINICAL LABORATORY INVESTIGATIONS

RCC Study Number 851639

3-(triethoxysilyl)-Propanenitrile:

Combined Repeated Dose Toxicity Study
with the
Reproduction/Developmental Toxicity
Screening Test in the Rat

Author: Peter Gretener
Dr. med. vet. FVH

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1.1 CLINICAL LABORATORY INVESTIGATIONS

Blood sampling: Day 29: 18 October 2004

From all males and all Toxicity Group females, blood samples were obtained at the day of scheduled necropsy (day 29 of treatment). The samples were collected from the retro-orbital sinus under light isoflurane anesthesia. The animals were fasted over night before blood sampling. Blood samples were collected early in the working day to reduce biological variation caused by circadian rhythms.

In the summary and individual tables the names of some parameters have been abbreviated. Any abbreviation has been defined in this section. Clinical laboratory data are expressed, with a few exceptions, in general accordance with the International System of Units (SI).

Key to abbreviations of units:

l	liter	g	gram	m	milli (10^{-3})
mol	mole	kg	kilogram	µ	micro (10^{-6})
sec	second	T	tera (10^{12})	n	nano (10^{-9})
U	Unit	G	giga (10^{9})	p	pico (10^{-12})
				f	femto (10^{-15})

General remarks:

n.d. = not determined, no value measured for this parameter

1.1.1 HEMATOLOGY

The following anticoagulants were used during blood collection:

Complete blood cell count	Di-potassium-EDTA
Coagulation	Sodium citrate, 3.2% (1 part anticoagulant to 9 parts blood)

Complete blood cell count

Parameter	Abbreviation	Unit	Method code	Instrumentation
Erythrocyte count	RBC	T/l	M01	Advia 120[1]
Hemoglobin	Hb	mmol/l	M01	Advia 120
Hematocrit	Hct	rel.1	M01	Advia 120
Mean corpuscular volume	MCV	fl	M01	Advia 120
Red cell volume distribution width	RDW	rel.1	M01	Advia 120
Mean corpuscular hemoglobin	MCH	fmol	M01	Advia 120
Mean corpuscular hemoglobin concentration	MCHC	mmol/l	M01	Advia 120
Hemoglobin concentration distribution width	HDW	mmol/l	M01	Advia 120
Leukocyte count, total	WBC	G/l	M01	Advia 120

[1] ADVIA 120 hematology system (Bayer)

Complete blood cell count

Parameter	Abbreviation	Unit		Method code	Instrumentation
Differential leukocyte count		relative	absolute		Advia 120
Neutrophils	Neut	rel.1	G/l	M01	Advia 120
Eosinophils	Eos	rel.1	G/l	M01	Advia 120
Basophils	Baso	rel.1	G/l	M01	Advia 120
Lymphocytes	Lympho	rel.1	G/l	M01	Advia 120
Monocytes	Mono	rel.1	G/l	M01	Advia 120
Large unstained cells	Luc	rel.1	G/l	M01	Advia 120
Platelet count	Plt	G/l		M01	Advia 120

Coagulation

Parameter	Abbreviation	Unit	Method	Method code	Instru-mentation
Prothrombin time (=Thromboplastin time)	PT	rel. 1	Clotting assay, thromboplastin from rabbit brain tissue, results as ratio of normal activity	M01	STA[2]
Activated partial thromboplastin time	PTT	sec	Clotting assay, cephalin from rabbit cerebral tissue, silica surface activator	M01	STA

[2] STA-compact analyzer (Roche Diagnostics)

1.1.2 CLINICAL CHEMISTRY

Lithium heparin was used as anticoagulant during blood collection.

Parameter	Abbre-viation	Unit	Method	Method code	Instru-mentation
Glucose	Gluc	mmol/l	Hexokinase/G6P-DH	M01	Hitachi 917[3]
Urea	Urea	mmol/l	Urease/GLDH	M01	Hitachi 917
Creatinine	Creat	µmol/l	Enzymatic colorimetric test	M01	Hitachi 917
Bilirubin, total	Bili-tot	µmol/l	Reaction with 2,5-Dichloro-phenyl-diazonium salt	M01	Hitachi 917
Cholesterol, total	Chol	mmol/l	Enzymatic, CHOD/PAP	M01	Hitachi 917
Aspartate aminotransferase EC 2.6.1.1[4]	ASAT	U/l 37°C	MDH/NADH coupled reaction	M01	Hitachi 917
Alanine aminotransferase EC 2.6.1.2	ALAT	U/l 37°C	LDH/NADH coupled reaction	M01	Hitachi 917
Alkaline phosphatase EC 3.1.3.1	AlP	U/l 37°C	p-Nitrophenyl-phosphate as substrate	M01	Hitachi 917
Gamma-glutamyl transferase EC 2.3.2.2	GGT	U/l 37°C	Substrate: L-gamma-glutamyl-3-carboxy-4-nitroanilide	M01	Hitachi 917
Sodium	Na+	mmol/l	Ion selective electrode	M01	Hitachi 917
Potassium	K+	mmol/l	Ion selective electrode	M01	Hitachi 917
Chloride	Cl^-	mmol/l	Ion selective electrode	M01	Hitachi 917
Calcium	Ca++	mmol/l	o-Cresolphthalein complexone method	M01	Hitachi 917
Phosphorus inorganic	PO4-in	mmol/l	Phosphomolybdate reaction	M01	Hitachi 917
Protein, total	Prot	g/l	Biuret reaction	M01	Hitachi 917
Albumin	Alb	g/l	Bromocresol green method	M02	Hitachi 917
Globulin	Glob	g/l	Calculated value (Total protein minus Albumin)	M02	
Albumin/Globulin Ratio	A/G	rel.1	Calculated value (Albumin/Globulin)	M02	

[3] Hitachi 917 analyzer, Roche Diagnostics

[4] Identification of enzymes with EC-Number (Enzyme Commission) according to Enzyme Nomenclature, Recommendations (1972) of the IUPAC and IUB, Elsevier Scient. Publ. Comp., Amsterdam, 1973

1.2 HEMATOLOGY (MEANS)

MALES

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
RBC	T/l					
DAY 29		MEAN	8.706 a	8.848	8.767	8.364
		S.D.	0.461	0.407	0.288	0.380
		N	10	10	10	9
Hb	mmol/l					
DAY 29		MEAN	10.17ad	10.06	10.05	9.63*
		S.D.	0.41	0.37	0.30	0.47
		N	10	10	10	9
Hct	rel. 1					
DAY 29		MEAN	0.466ad	0.468	0.464	0.438**
		S.D.	0.018	0.015	0.013	0.019
		N	10	10	10	9
MCV	fl					
DAY 29		MEAN	53.56 a	52.85	52.84	52.33
		S.D.	1.58	1.84	1.37	1.07
		N	10	10	10	9
RDW	rel. 1					
DAY 29		MEAN	0.1828 a	0.1986	0.1829	0.1818
		S.D.	0.0338	0.0596	0.0450	0.0360
		N	10	10	10	9
MCH	fmol					
DAY 29		MEAN	1.171 a	1.137	1.148	1.152
		S.D.	0.044	0.056	0.029	0.022
		N	10	10	10	9

Statistical key: a=ANOVA ad=ANOVA + Dunnett * = $p<0.05$ ** = $p<0.01$

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (means)

MALES

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
MCHC	mmol/l					
DAY 29		MEAN	21.851ad	21.497*	21.709	22.024
		S.D.	0.270	0.462	0.226	0.242
		N	10	10	10	9
HDW	mmol/l					
DAY 29		MEAN	1.964 a	1.990	1.969	1.897
		S.D.	0.107	0.098	0.080	0.055
		N	10	10	10	9
WBC	G/l					
DAY 29		MEAN	8.785 a	8.983	9.406	8.460
		S.D.	1.798	1.544	2.605	1.904
		N	10	10	10	9
Neut	rel. 1					
DAY 29		MEAN	0.1421 k	0.1411	0.1335	0.1576
		S.D.	0.0354	0.0104	0.0380	0.0515
		N	10	10	10	9
Eos	rel. 1					
DAY 29		MEAN	0.0122 a	0.0140	0.0119	0.0121
		S.D.	0.0027	0.0054	0.0039	0.0049
		N	10	10	10	9
Baso	rel. 1					
DAY 29		MEAN	0.0053 a	0.0055	0.0060	0.0052
		S.D.	0.0014	0.0013	0.0011	0.0007
		N	10	10	10	9

Statistical key: a=ANOVA ad=ANOVA + Dunnett k=Kruskal-Wallis * = $p<0.05$

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MALES

Hematology (means)

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Lympho	rel. 1					
DAY 29		MEAN	0.8153 k	0.8132	0.8240	0.8001
		S.D.	0.0326	0.0172	0.0424	0.0508
		N	10	10	10	9
Mono	rel. 1					
DAY 29		MEAN	0.0162 a	0.0175	0.0167	0.0173
		S.D.	0.0046	0.0068	0.0060	0.0039
		N	10	10	10	9
Luc	rel. 1					
DAY 29		MEAN	0.0092 a	0.0085	0.0079	0.0078
		S.D.	0.0031	0.0036	0.0021	0.0014
		N	10	10	10	9
Neut	G/l					
DAY 29		MEAN	1.248 k	1.268	1.202	1.357
		S.D.	0.373	0.226	0.313	0.679
		N	10	10	10	9
Eos	G/l					
DAY 29		MEAN	0.107 a	0.122	0.108	0.106
		S.D.	0.026	0.042	0.032	0.049
		N	10	10	10	9
Baso	G/l					
DAY 29		MEAN	0.048 a	0.051	0.058	0.043
		S.D.	0.018	0.017	0.020	0.014
		N	10	10	10	9

Statistical key: a=ANOVA k=Kruskal-Wallis

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MALES

Hematology (means)

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Lympho	G/l					
DAY 29		MEAN	7.159 a	7.315	7.816	6.744
		S.D.	1.508	1.339	2.444	1.411
		N	10	10	10	9
Mono	G/l					
DAY 29		MEAN	0.142 a	0.152	0.151	0.147
		S.D.	0.050	0.048	0.050	0.048
		N	10	10	10	9
Luc	G/l					
DAY 29		MEAN	0.079 a	0.074	0.075	0.067
		S.D.	0.032	0.031	0.030	0.021
		N	10	10	10	9
Plt	G/l					
DAY 29		MEAN	1038.4 k	992.4	979.5	1024.7
		S.D.	104.5	92.8	256.1	65.9
		N	10	10	10	9
PT	rel. 1					
DAY 29		MEAN	0.754kd	0.825*	0.813*	0.814
		S.D.	0.036	0.082	0.059	0.097
		N	10	10	9	9
PTT	sec					
DAY 29		MEAN	23.34ad	20.82	20.50*	19.49**
		S.D.	2.83	2.38	1.80	2.06
		N	10	10	9	9

Statistical key: a=ANOVA ad=ANOVA + Dunnett k=Kruskal-Wallis kd=Kruskal-Wallis + Dunn * = $p<0.05$ ** = $p<0.01$

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FEMALES

Hematology (means)

	Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
RBC	T/l				
DAY 29	MEAN	8.087 a	8.167	8.189	7.954
	S.D.	0.396	0.383	0.434	0.407
	N	10	10	9	10
Hb	mmol/l				
DAY 29	MEAN	9.96ad	9.87	9.84	9.29**
	S.D.	0.30	0.36	0.33	0.45
	N	10	10	9	10
Hct	rel. 1				
DAY 29	MEAN	0.451ad	0.449	0.449	0.423**
	S.D.	0.014	0.015	0.015	0.022
	N	10	10	9	10
MCV	fl				
DAY 29	MEAN	55.86 a	54.93	54.80	53.33
	S.D.	1.94	2.37	2.05	2.04
	N	10	10	9	10
RDW	rel. 1				
DAY 29	MEAN	0.1838 a	0.1624	0.1610	0.1572
	S.D.	0.0515	0.0479	0.0461	0.0444
	N	10	10	9	10
MCH	fmol				
DAY 29	MEAN	1.231 a	1.211	1.204	1.169
	S.D.	0.037	0.065	0.058	0.044
	N	10	10	9	10

Statistical key: a=ANOVA ad=ANOVA + Dunnett ** = p<0.01

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (means)

FEMALES

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
MCHC	mmol/l					
DAY 29		MEAN	22.055 a	22.018	21.954	21.909
		S.D.	0.240	0.259	0.306	0.278
		N	10	10	9	10
HDW	mmol/l					
DAY 29		MEAN	1.562 a	1.555	1.563	1.617
		S.D.	0.086	0.043	0.060	0.064
		N	10	10	9	10
WBC	G/l					
DAY 29		MEAN	6.022 a	5.871	6.811	6.535
		S.D.	1.011	1.432	1.495	1.229
		N	10	10	9	10
Neut	rel. 1					
DAY 29		MEAN	0.1237 a	0.1338	0.1188	0.1528
		S.D.	0.0616	0.0599	0.0424	0.0376
		N	10	10	9	10
Eos	rel. 1					
DAY 29		MEAN	0.0126 k	0.0122	0.0123	0.0161
		S.D.	0.0032	0.0044	0.0044	0.0089
		N	10	10	9	10
Baso	rel. 1					
DAY 29		MEAN	0.0047 a	0.0044	0.0051	0.0043
		S.D.	0.0011	0.0015	0.0020	0.0009
		N	10	10	9	10

Statistical key: a=ANOVA k=Kruskal-Wallis

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (means)

FEMALES

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Lympho	rel. 1					
DAY 29		MEAN	0.8347 a	0.8254	0.8350	0.8001
		S.D.	0.0629	0.0646	0.0358	0.0366
		N	10	10	9	10
Mono	rel. 1					
DAY 29		MEAN	0.0174 a	0.0180	0.0201	0.0175
		S.D.	0.0034	0.0038	0.0050	0.0042
		N	10	10	9	10
Luc	rel. 1					
DAY 29		MEAN	0.0068 a	0.0065	0.0083	0.0087
		S.D.	0.0020	0.0023	0.0025	0.0025
		N	10	10	9	10
Neut	G/l					
DAY 29		MEAN	0.734 a	0.742	0.787	0.966
		S.D.	0.377	0.253	0.224	0.152
		N	10	10	9	10
Eos	G/l					
DAY 29		MEAN	0.075 k	0.070	0.086	0.110
		S.D.	0.022	0.022	0.044	0.078
		N	10	10	9	10
Baso	G/l					
DAY 29		MEAN	0.027 a	0.028	0.034	0.029
		S.D.	0.009	0.015	0.014	0.007
		N	10	10	9	10

Statistical key: a=ANOVA k=Kruskal-Wallis

FEMALES

Hematology (means)

	Group Group Name Dose Level		Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Lympho	G/l					
DAY 29		MEAN	5.035 a	4.895	5.703	5.257
		S.D.	1.014	1.430	1.330	1.124
		N	10	10	9	10
Mono	G/l					
DAY 29		MEAN	0.105 k	0.100	0.142	0.115
		S.D.	0.032	0.012	0.057	0.038
		N	10	10	9	10
Luc	G/l					
DAY 29		MEAN	0.040ad	0.039	0.060	0.058
		S.D.	0.015	0.014	0.026	0.020
		N	10	10	9	10
Plt	G/l					
DAY 29		MEAN	1063.6 a	1008.5	1105.9	1139.4
		S.D.	100.0	154.7	164.1	146.9
		N	10	10	9	10
PT	rel. 1					
DAY 29		MEAN	0.780 a	0.766	0.746	0.749
		S.D.	0.042	0.048	0.043	0.035
		N	10	10	9	10
PTT	sec					
DAY 29		MEAN	21.37ad	18.07*	19.21	16.98**
		S.D.	2.92	2.44	1.56	2.26
		N	10	10	9	9

Statistical key: a=ANOVA ad=ANOVA + Dunnett k=Kruskal-Wallis * = p<0.05 ** = p<0.01

1.3 BLOOD CHEMISTRY (MEANS)

MALES

	Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Gluc mmol/l					
DAY 29	MEAN	6.306ad	6.028	7.007	6.951
	S.D.	0.978	0.658	0.950	0.888
	N	10	10	10	9
Urea mmol/l					
DAY 29	MEAN	7.395 k	7.271	8.521	8.802
	S.D.	0.845	0.931	1.708	1.914
	N	10	10	10	9
Creat µmol/l					
DAY 29	MEAN	23.85 k	23.52	24.66	26.12
	S.D.	1.81	1.28	2.44	4.03
	N	10	10	10	9
Bili-tot µmol/l					
DAY 29	MEAN	2.256 a	2.130	1.973	2.038
	S.D.	0.257	0.326	0.508	0.317
	N	10	10	10	9
Chol mmol/l					
DAY 29	MEAN	1.730 a	1.775	1.832	1.944
	S.D.	0.271	0.319	0.330	0.420
	N	10	10	10	9
ASAT U/l					
DAY 29	MEAN	67.38 a	70.85	72.23	69.83
	S.D.	7.03	5.27	8.77	11.18
	N	10	10	10	9

Statistical key: a=ANOVA ad=ANOVA + Dunnett k=Kruskal-Wallis

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

MALES

Blood chemistry (means)

	Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
ALAT	U/l				
DAY 29	MEAN	56.18 a	56.39	54.24	55.38
	S.D.	12.03	10.99	11.93	12.02
	N	10	10	10	9
AlP	U/l				
DAY 29	MEAN	110.28 a	100.97	101.39	93.20
	S.D.	20.51	25.83	16.30	18.74
	N	10	10	10	9
GGT	U/l				
DAY 29	MEAN	0.00 a	0.00	0.00	0.00
	S.D.	0.00	0.00	0.00	0.00
	N	10	10	10	9
Na+	mmol/l				
DAY 29	MEAN	143.32 a	143.81	143.97	144.22
	S.D.	1.07	1.01	1.36	0.64
	N	10	10	10	9
K+	mmol/l				
DAY 29	MEAN	3.750 k	3.712	3.933	3.831
	S.D.	0.382	0.296	0.445	0.087
	N	10	10	10	9
Cl-	mmol/l				
DAY 29	MEAN	103.93ad	104.93	105.60*	106.16**
	S.D.	1.02	1.19	1.42	1.47
	N	10	10	10	9

Statistical key: a=ANOVA ad=ANOVA + Dunnett k=Kruskal-Wallis * = p<0.05 ** = p<0.01

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (means)

MALES

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Ca++	mmol/l					
DAY 29		MEAN	2.754 a	2.747	2.751	2.766
		S.D.	0.074	0.038	0.068	0.076
		N	10	10	10	9
PO4-in	mmol/l					
DAY 29		MEAN	1.836 a	1.850	1.819	1.839
		S.D.	0.135	0.093	0.151	0.188
		N	10	10	10	9
Prot	g/l					
DAY 29		MEAN	65.640 a	67.318	67.306	67.776
		S.D.	1.818	1.711	2.021	1.838
		N	10	10	10	9
Alb	g/l					
DAY 29		MEAN	40.603ad	41.758	42.177	42.738*
		S.D.	0.917	1.378	2.311	1.365
		N	10	10	10	9
Glob	g/l					
DAY 29		MEAN	25.037 a	25.560	25.130	25.038
		S.D.	1.365	1.761	1.551	1.300
		N	10	10	10	9
A/G	rel. 1					
DAY 29		MEAN	1.624 a	1.641	1.687	1.711
		S.D.	0.087	0.140	0.169	0.101
		N	10	10	10	9

Statistical key: a=ANOVA ad=ANOVA + Dunnett * = $p<0.05$

Blood chemistry (means)

FEMALES

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Gluc	mmol/l					
DAY 29		MEAN	5.866 a	5.369	5.790	6.060
		S.D.	0.683	1.088	0.866	0.513
		N	10	10	9	10
Urea	mmol/l					
DAY 29		MEAN	7.058ad	6.489	6.566	7.835
		S.D.	1.154	0.601	0.937	0.894
		N	10	10	9	10
Creat	µmol/l					
DAY 29		MEAN	25.72 a	27.58	26.64	28.45
		S.D.	2.34	2.59	1.92	2.76
		N	10	10	9	10
Bili-tot	µmol/l					
DAY 29		MEAN	2.545 a	2.403	2.177	2.215
		S.D.	0.479	0.559	0.411	0.624
		N	10	10	9	10
Chol	mmol/l					
DAY 29		MEAN	1.465 a	1.299	1.587	1.604
		S.D.	0.309	0.295	0.444	0.226
		N	10	10	9	10
ASAT	U/l					
DAY 29		MEAN	68.74 a	72.62	70.54	67.96
		S.D.	13.51	10.38	13.44	6.99
		N	10	10	9	10

Statistical key: a=ANOVA ad=ANOVA + Dunnett

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (means)

FEMALES

	Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
ALAT	U/l				
DAY 29	MEAN	41.73 a	36.93	39.74	42.08
	S.D.	7.72	7.25	7.36	13.43
	N	10	10	9	10
AlP	U/l				
DAY 29	MEAN	46.09 a	46.94	44.30	51.06
	S.D.	16.45	12.56	12.08	12.07
	N	10	10	9	10
GGT	U/l				
DAY 29	MEAN	0.00 a	0.00	0.00	0.00
	S.D.	0.00	0.00	0.00	0.00
	N	10	10	9	10
Na+	mmol/l				
DAY 29	MEAN	144.26 k	144.19	144.17	143.43
	S.D.	1.19	0.80	0.92	2.92
	N	10	10	9	10
K+	mmol/l				
DAY 29	MEAN	3.409 a	3.242	3.323	3.296
	S.D.	0.274	0.211	0.298	0.248
	N	10	10	9	10
Cl-	mmol/l				
DAY 29	MEAN	106.68 k	107.98	108.29	107.33
	S.D.	1.26	1.19	1.28	3.03
	N	10	10	9	10

Statistical key: a=ANOVA k=Kruskal-Wallis

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

FEMALES

Blood chemistry (means)

		Group Group Name Dose Level	Group 1 Control 0 mg/kg	Group 2 100 mg/kg	Group 3 500 mg/kg	Group 4 1000 mg/kg
Ca++	mmol/l					
DAY 29		MEAN	2.839ad	2.734**	2.752*	2.768
		S.D.	0.077	0.063	0.064	0.068
		N	10	10	9	10
PO4-in	mmol/l					
DAY 29		MEAN	1.759 a	1.655	1.561	1.732
		S.D.	0.185	0.268	0.147	0.129
		N	10	10	9	10
Prot	g/l					
DAY 29		MEAN	70.245 a	66.655	67.857	68.140
		S.D.	3.812	2.604	3.480	1.686
		N	10	10	9	10
Alb	g/l					
DAY 29		MEAN	48.022ad	45.214*	45.860	45.179*
		S.D.	3.060	1.780	2.270	1.680
		N	10	10	9	10
Glob	g/l					
DAY 29		MEAN	22.223 k	21.441	21.998	22.961
		S.D.	1.076	1.572	2.061	0.784
		N	10	10	9	10
A/G	rel. 1					
DAY 29		MEAN	2.162ad	2.119	2.100	1.970*
		S.D.	0.113	0.164	0.200	0.112
		N	10	10	9	10

Statistical key: a=ANOVA ad=ANOVA + Dunnett k=Kruskal-Wallis * = p<0.05 ** = p<0.01

1.4 HEMATOLOGY (INDIVIDUALS)

DAY 29 MALES

AN_NO	RBC	Hb	Hct	MCV	RDW	MCH	MCHC	HDW	WBC	Neut	Eos	Baso
	T/l	mmol/l	rel. 1	fl	rel. 1	fmol	mmol/l	mmol/l	G/l	rel. 1	rel. 1	rel. 1
Group 1 (0 mg/kg)												
1 M	8.44	9.8	0.45	53.4	0.185	1.16	21.72	2.07	7.47	0.161	0.018	0.004
2 M	7.97	9.5	0.44	54.7	0.180	1.20	21.86	1.94	6.39	0.105	0.015	0.005
3 M	9.23	10.2	0.48	51.8	0.145	1.11	21.40	1.82	7.53	0.085	0.010	0.007
4 M	8.28	9.7	0.45	53.8	0.184	1.18	21.88	1.93	8.24	0.164	0.012	0.003
5 M	9.50	10.3	0.48	50.2	0.141	1.08	21.49	2.08	10.35	0.118	0.011	0.006
6 M	9.00	10.6	0.48	53.6	0.132	1.18	22.02	1.90	10.27	0.124	0.014	0.005
7 M	8.43	10.1	0.45	53.9	0.222	1.20	22.32	2.03	8.45	0.155	0.011	0.004
8 M	8.87	10.6	0.48	54.6	0.219	1.19	21.84	2.02	12.48	0.134	0.011	0.007
9 M	8.57	10.2	0.46	53.7	0.220	1.19	22.08	2.07	9.02	0.204	0.009	0.005
10 M	8.77	10.7	0.49	55.9	0.200	1.22	21.90	1.78	7.65	0.171	0.011	0.007
Group 2 (100 mg/kg)												
11 M	8.47	10.4	0.47	55.1	0.283	1.23	22.27	2.05	7.20	0.140	0.021	0.004
12 M	8.50	10.5	0.48	56.4	0.262	1.23	21.84	1.94	10.98	0.145	0.016	0.008
13 M	8.62	9.9	0.46	53.1	0.175	1.15	21.64	2.03	7.42	0.137	0.011	0.005
14 M	9.22	10.4	0.47	50.9	0.138	1.12	22.08	2.02	11.23	0.135	0.008	0.006
15 M	9.10	9.7	0.46	50.4	0.137	1.06	21.11	2.00	9.99	0.130	0.007	0.004
16 M	9.38	10.4	0.49	52.2	0.174	1.11	21.18	2.05	8.85	0.163	0.008	0.005
17 M	9.14	10.1	0.48	52.2	0.203	1.11	21.28	2.03	9.06	0.153	0.014	0.007
18 M	8.45	9.5	0.45	53.5	0.287	1.12	20.91	2.10	8.44	0.141	0.021	0.006
19 M	9.27	10.1	0.48	51.6	0.133	1.09	21.06	1.75	9.85	0.129	0.015	0.005
20 M	8.33	9.6	0.44	53.1	0.194	1.15	21.60	1.93	6.81	0.138	0.019	0.005
Group 3 (500 mg/kg)												
21 M	8.58	10.0	0.46	53.9	0.124	1.16	21.54	1.85	8.63	0.147	0.014	0.006
22 M	8.66	9.9	0.46	52.8	0.186	1.14	21.57	2.03	8.37	0.133	0.014	0.006
23 M	8.59	9.9	0.45	52.4	0.212	1.16	22.09	2.07	7.37	0.211	0.020	0.006
24 M	9.06	10.7	0.49	54.4	0.136	1.18	21.67	1.88	8.04	0.130	0.011	0.007
25 M	8.90	10.0	0.46	51.7	0.181	1.13	21.75	1.98	6.91	0.146	0.014	0.005
26 M	8.37	10.0	0.46	54.4	0.267	1.19	21.92	2.06	11.13	0.081	0.008	0.007
27 M	8.96	10.4	0.48	53.2	0.184	1.16	21.90	1.99	11.25	0.119	0.008	0.007
28 M	9.32	10.1	0.47	49.8	0.133	1.09	21.77	1.99	6.00	0.155	0.011	0.004
29 M	8.52	9.6	0.45	53.1	0.177	1.13	21.31	1.86	13.77	0.136	0.012	0.007
30 M	8.71	9.9	0.46	52.7	0.229	1.14	21.57	1.98	12.59	0.077	0.007	0.005

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3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (individuals)

DAY 29

MALES

AN_NO	RBC	Hb	Hct	MCV	RDW	MCH	MCHC	HDW	WBC	Neut	Eos	Baso
	T/l	mmol/l	rel. 1	fl	rel. 1	fmol	mmol/l	mmol/l	G/l	rel. 1	rel. 1	rel. 1
Group 4 (1000 mg/kg)												
31 M	8.16	9.5	0.43	52.9	0.190	1.16	21.94	1.90	7.48	0.143	0.018	0.005
32 M	8.08	9.6	0.44	53.9	0.246	1.19	22.12	1.86	5.61	0.201	0.005	0.004
33 M	8.35	9.5	0.44	53.0	0.133	1.14	21.59	1.89	6.99	0.110	0.010	0.005
34 M	8.41	9.4	0.42	50.5	0.177	1.12	22.12	1.86	9.32	0.175	0.016	0.006
35 M	8.71	10.1	0.46	52.3	0.133	1.16	22.21	1.79	9.28	0.090	0.007	0.006
36 M	8.90	10.3	0.46	51.8	0.207	1.16	22.35	1.94	10.94	0.146	0.008	0.006
37 M	8.80	10.2	0.46	52.1	0.205	1.16	22.22	1.97	8.20	0.136	0.018	0.005
38 M	7.75	9.0	0.41	53.3	0.177	1.16	21.79	1.94	11.30	0.264	0.015	0.005
40 M	8.12	9.1	0.42	51.2	0.168	1.12	21.88	1.92	7.02	0.153	0.012	0.005

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3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (individuals)

DAY 29

MALES

AN_NO	Lympho	Mono	Luc	Neut	Eos	Baso	Lympho	Mono	Luc	Plt	PT	PTT
	rel. 1	rel. 1	rel. 1	G/l	G/l	G/l	G/l	G/l	G/l	G/l	rel. 1	sec
Group 1 (0 mg/kg)												
1 M	0.790	0.019	0.007	1.20	0.14	0.03	5.91	0.14	0.05	1004	0.76	25.0
2 M	0.837	0.024	0.014	0.67	0.10	0.03	5.34	0.15	0.09	1243	0.72	23.6
3 M	0.878	0.014	0.007	0.64	0.08	0.05	6.61	0.11	0.05	1024	0.72	24.6
4 M	0.800	0.011	0.010	1.35	0.10	0.03	6.59	0.09	0.08	1148	0.71	25.1
5 M	0.839	0.016	0.010	1.22	0.12	0.06	8.68	0.17	0.10	886	0.76	17.8
6 M	0.824	0.018	0.015	1.28	0.15	0.05	8.46	0.19	0.15	1052	0.82	20.1
7 M	0.815	0.008	0.008	1.31	0.09	0.04	6.88	0.07	0.06	995	0.75	24.7
8 M	0.821	0.020	0.008	1.67	0.13	0.09	10.24	0.24	0.10	924	0.73	23.0
9 M	0.762	0.014	0.007	1.84	0.08	0.05	6.87	0.12	0.06	1008	0.77	27.7
10 M	0.787	0.018	0.006	1.30	0.08	0.05	6.01	0.14	0.05	1100	0.80	21.8
Group 2 (100 mg/kg)												
11 M	0.814	0.016	0.005	1.01	0.15	0.03	5.86	0.12	0.03	964	0.77	24.6
12 M	0.812	0.012	0.007	1.60	0.17	0.08	8.91	0.13	0.08	1060	0.77	21.5
13 M	0.805	0.026	0.015	1.02	0.08	0.04	5.98	0.20	0.11	909	0.82	21.7
14 M	0.829	0.013	0.008	1.52	0.09	0.07	9.31	0.15	0.09	962	0.80	17.2
15 M	0.841	0.009	0.009	1.30	0.07	0.04	8.40	0.09	0.09	1151	0.82	19.9
16 M	0.803	0.015	0.006	1.44	0.07	0.05	7.11	0.13	0.05	961	0.76	21.4
17 M	0.785	0.026	0.015	1.39	0.13	0.07	7.11	0.23	0.13	938	1.02	18.5
18 M	0.801	0.025	0.006	1.19	0.18	0.05	6.76	0.21	0.05	1140	0.76	24.1
19 M	0.835	0.010	0.006	1.27	0.15	0.05	8.22	0.10	0.06	883	0.91	20.7
20 M	0.807	0.023	0.008	0.94	0.13	0.03	5.49	0.16	0.05	956	0.82	18.6
Group 3 (500 mg/kg)												
21 M	0.807	0.020	0.006	1.27	0.12	0.05	6.96	0.18	0.05	1129	0.79	21.8
22 M	0.817	0.024	0.005	1.12	0.12	0.05	6.84	0.20	0.04	973	0.72	21.5
23 M	0.746	0.011	0.005	1.56	0.15	0.05	5.50	0.08	0.04	1054	0.86	19.8
24 M	0.825	0.018	0.009	1.04	0.09	0.06	6.63	0.15	0.07	1018	0.78	22.9
25 M	0.799	0.025	0.011	1.01	0.10	0.03	5.52	0.17	0.08	1123	0.81	20.4
26 M	0.884	0.013	0.007	0.91	0.08	0.07	9.84	0.15	0.08	967	0.81	20.1
27 M	0.836	0.021	0.008	1.34	0.09	0.08	9.41	0.24	0.09	1253	0.92	16.5
28 M	0.806	0.017	0.009	0.93	0.07	0.03	4.83	0.10	0.06	302	n.d.	n.d.
29 M	0.825	0.011	0.010	1.87	0.17	0.09	11.36	0.15	0.13	1044	0.86	20.2
30 M	0.895	0.007	0.009	0.97	0.09	0.07	11.27	0.09	0.11	932	0.77	21.3

n.d.=not determined

Hematology (individuals)

DAY 29 MALES

AN_NO	Lympho	Mono	Luc	Neut	Eos	Baso	Lympho	Mono	Luc	Plt	PT	PTT
	rel. 1	rel. 1	rel. 1	G/l	G/l	G/l	G/l	G/l	G/l	G/l	rel. 1	sec
Group 4 (1000 mg/kg)												
31 M	0.804	0.022	0.008	1.07	0.14	0.04	6.02	0.16	0.06	1000	0.77	20.1
32 M	0.771	0.012	0.007	1.13	0.03	0.02	4.33	0.07	0.04	951	0.73	17.5
33 M	0.853	0.014	0.008	0.77	0.07	0.03	5.96	0.10	0.06	1080	0.80	22.7
34 M	0.776	0.021	0.007	1.63	0.15	0.05	7.23	0.19	0.06	1101	0.77	18.9
35 M	0.870	0.018	0.010	0.84	0.06	0.05	8.08	0.16	0.09	1083	0.80	22.4
36 M	0.810	0.020	0.009	1.60	0.09	0.07	8.86	0.22	0.10	957	0.81	17.2
37 M	0.819	0.013	0.009	1.11	0.15	0.04	6.72	0.10	0.08	1098	0.83	19.6
38 M	0.695	0.015	0.006	2.99	0.17	0.05	7.86	0.17	0.07	947	1.06	17.2
40 M	0.803	0.021	0.006	1.07	0.09	0.04	5.64	0.15	0.04	1005	0.76	19.8

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (individuals)

DAY 29 FEMALES

AN_NO	RBC	Hb	Hct	MCV	RDW	MCH	MCHC	HDW	WBC	Neut	Eos	Baso
	T/l	mmol/l	rel. 1	fl	rel. 1	fmol	mmol/l	mmol/l	G/l	rel. 1	rel. 1	rel. 1
Group 1 (0 mg/kg)												
81 F	8.24	10.0	0.46	55.3	0.189	1.21	21.92	1.56	6.58	0.078	0.012	0.003
82 F	8.01	9.5	0.43	54.1	0.175	1.19	22.02	1.64	6.09	0.096	0.018	0.005
83 F	7.65	9.7	0.44	57.5	0.271	1.26	21.97	1.65	4.80	0.144	0.010	0.005
84 F	8.60	10.4	0.47	55.0	0.130	1.21	21.98	1.51	5.05	0.077	0.013	0.005
85 F	8.26	10.0	0.45	54.4	0.122	1.21	22.18	1.43	5.64	0.084	0.009	0.004
86 F	8.09	9.9	0.46	56.3	0.152	1.22	21.76	1.46	8.16	0.065	0.008	0.006
87 F	8.54	10.4	0.47	54.8	0.190	1.22	22.22	1.63	6.25	0.247	0.017	0.005
88 F	7.81	9.8	0.44	56.8	0.259	1.25	22.05	1.66	6.75	0.115	0.012	0.005
89 F	7.34	9.7	0.44	60.3	0.211	1.32	21.84	1.48	4.95	0.116	0.013	0.006
90 F	8.33	10.2	0.45	54.1	0.139	1.22	22.61	1.60	5.95	0.215	0.014	0.003
Group 2 (100 mg/kg)												
91 F	8.49	10.5	0.48	56.0	0.196	1.24	22.11	1.56	7.12	0.066	0.011	0.006
92 F	8.73	10.1	0.46	53.1	0.127	1.15	21.75	1.57	8.55	0.101	0.012	0.006
93 F	7.92	9.9	0.44	55.6	0.227	1.25	22.49	1.62	5.51	0.108	0.013	0.004
94 F	7.44	10.1	0.45	60.6	0.241	1.36	22.37	1.49	5.01	0.148	0.016	0.003
95 F	8.46	9.8	0.45	52.7	0.133	1.16	21.93	1.61	4.79	0.261	0.014	0.004
96 F	8.09	9.9	0.45	55.7	0.128	1.22	21.89	1.53	4.03	0.201	0.021	0.007
97 F	8.00	9.7	0.44	55.1	0.200	1.22	22.07	1.57	5.50	0.105	0.008	0.004
98 F	8.48	9.7	0.45	53.0	0.123	1.15	21.70	1.56	4.78	0.147	0.008	0.002
99 F	7.87	9.1	0.42	52.9	0.129	1.15	21.80	1.55	7.59	0.131	0.006	0.004
100 F	8.19	9.9	0.45	54.6	0.120	1.21	22.07	1.49	5.83	0.070	0.013	0.004
Group 3 (500 mg/kg)												
101 F	8.23	9.8	0.45	54.2	0.122	1.19	21.87	1.47	7.78	0.091	0.017	0.006
102 F	8.48	10.1	0.46	54.0	0.121	1.19	21.99	1.51	5.42	0.094	0.008	0.004
103 F	8.31	9.8	0.45	53.8	0.128	1.18	21.95	1.61	4.84	0.219	0.009	0.002
104 F	7.68	10.0	0.45	58.4	0.243	1.30	22.26	1.53	6.85	0.140	0.011	0.004
105 F	8.91	10.3	0.47	52.6	0.124	1.16	22.05	1.57	8.36	0.117	0.012	0.004
106 F	8.20	9.5	0.44	54.0	0.188	1.16	21.46	1.61	4.50	0.101	0.009	0.009
107 F	8.52	9.9	0.46	53.5	0.187	1.17	21.79	1.66	8.15	0.075	0.009	0.005
109 F	7.62	10.0	0.44	58.2	0.208	1.31	22.51	1.52	7.67	0.127	0.015	0.005
110 F	7.75	9.2	0.42	54.5	0.128	1.18	21.71	1.59	7.73	0.105	0.021	0.007

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (individuals)

DAY 29

FEMALES

AN_NO	RBC	Hb	Hct	MCV	RDW	MCH	MCHC	HDW	WBC	Neut	Eos	Baso
	T/l	mmol/l	rel. 1	fl	rel. 1	fmol	mmol/l	mmol/l	G/l	rel. 1	rel. 1	rel. 1
Group 4 (1000 mg/kg)												
111 F	8.33	9.2	0.42	50.8	0.136	1.10	21.69	1.68	6.82	0.157	0.011	0.003
112 F	7.57	9.0	0.41	54.0	0.156	1.19	21.99	1.62	4.94	0.205	0.013	0.005
113 F	7.97	9.5	0.44	55.0	0.120	1.19	21.59	1.49	7.25	0.158	0.008	0.003
114 F	8.67	9.8	0.45	51.7	0.199	1.14	21.94	1.73	6.96	0.110	0.012	0.005
115 F	7.64	8.8	0.41	53.4	0.132	1.16	21.65	1.58	4.32	0.222	0.018	0.004
116 F	7.90	9.3	0.42	53.7	0.167	1.18	22.03	1.62	6.34	0.166	0.016	0.005
117 F	8.41	9.5	0.43	51.1	0.126	1.12	21.99	1.58	8.01	0.126	0.012	0.003
118 F	7.50	8.6	0.39	52.4	0.116	1.15	21.90	1.63	8.21	0.137	0.040	0.005
119 F	7.54	9.1	0.40	53.5	0.159	1.21	22.56	1.64	5.94	0.139	0.017	0.005
120 F	8.01	10.1	0.46	57.7	0.261	1.25	21.75	1.60	6.56	0.108	0.014	0.005

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (individuals)

DAY 29 FEMALES

AN_NO	Lympho rel. 1	Mono rel. 1	Luc rel. 1	Neut G/l	Eos G/l	Baso G/l	Lympho G/l	Mono G/l	Luc G/l	Plt G/l	PT rel. 1	PTT sec
Group 1 (0 mg/kg)												
81 F	0.888	0.013	0.006	0.51	0.08	0.02	5.84	0.08	0.04	1048	0.76	23.1
82 F	0.852	0.019	0.010	0.58	0.11	0.03	5.19	0.11	0.06	1226	0.76	22.2
83 F	0.815	0.019	0.007	0.69	0.05	0.02	3.91	0.09	0.03	961	0.85	16.8
84 F	0.883	0.013	0.009	0.39	0.07	0.02	4.46	0.07	0.04	953	0.76	25.3
85 F	0.883	0.013	0.007	0.47	0.05	0.02	4.97	0.07	0.04	1092	0.81	17.6
86 F	0.891	0.022	0.009	0.53	0.06	0.05	7.27	0.18	0.07	1032	0.77	21.5
87 F	0.707	0.017	0.006	1.54	0.11	0.03	4.42	0.11	0.04	1160	0.85	22.7
88 F	0.845	0.018	0.004	0.78	0.08	0.03	5.71	0.12	0.03	1024	0.74	19.3
89 F	0.837	0.022	0.006	0.57	0.06	0.03	4.14	0.11	0.03	952	0.76	20.0
90 F	0.746	0.018	0.004	1.28	0.08	0.02	4.44	0.11	0.02	1188	0.74	25.2
Group 2 (100 mg/kg)												
91 F	0.896	0.015	0.006	0.47	0.08	0.05	6.37	0.11	0.04	833	0.72	20.9
92 F	0.862	0.014	0.005	0.86	0.11	0.06	7.37	0.12	0.05	855	0.78	19.9
93 F	0.857	0.014	0.005	0.59	0.07	0.02	4.72	0.08	0.03	1016	0.70	18.3
94 F	0.805	0.021	0.007	0.74	0.08	0.02	4.03	0.10	0.04	813	0.86	14.2
95 F	0.695	0.022	0.004	1.25	0.07	0.02	3.32	0.10	0.02	1031	0.72	17.8
96 F	0.741	0.025	0.006	0.81	0.08	0.03	2.99	0.10	0.03	1242	0.76	16.6
97 F	0.853	0.019	0.011	0.58	0.04	0.02	4.69	0.10	0.06	1201	0.80	18.2
98 F	0.815	0.019	0.009	0.71	0.04	0.01	3.90	0.09	0.04	1107	0.75	20.4
99 F	0.836	0.015	0.008	1.00	0.05	0.03	6.34	0.11	0.06	1095	0.81	14.2
100 F	0.894	0.016	0.004	0.41	0.08	0.02	5.22	0.09	0.02	892	0.76	20.2
Group 3 (500 mg/kg)												
101 F	0.854	0.023	0.009	0.71	0.13	0.04	6.64	0.18	0.07	1271	0.75	19.4
102 F	0.865	0.018	0.010	0.51	0.04	0.02	4.69	0.10	0.06	1143	0.77	17.5
103 F	0.752	0.014	0.006	1.06	0.04	0.01	3.64	0.07	0.03	1070	0.72	16.5
104 F	0.817	0.022	0.005	0.96	0.07	0.03	5.60	0.15	0.04	1057	0.72	21.4
105 F	0.834	0.026	0.006	0.98	0.10	0.03	6.98	0.21	0.05	956	0.72	19.4
106 F	0.858	0.015	0.007	0.46	0.04	0.04	3.86	0.07	0.03	912	0.72	20.8
107 F	0.870	0.027	0.013	0.61	0.07	0.04	7.10	0.22	0.11	1002	0.74	18.4
109 F	0.829	0.014	0.010	0.98	0.12	0.04	6.36	0.11	0.08	1101	0.72	19.2
110 F	0.836	0.022	0.009	0.81	0.16	0.06	6.46	0.17	0.07	1441	0.85	20.3

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Hematology (individuals)

DAY 29 FEMALES

AN_NO	Lympho	Mono	Luc	Neut	Eos	Baso	Lympho	Mono	Luc	Plt	PT	PTT
	rel. 1	rel. 1	rel. 1	G/l	G/l	G/l	G/l	G/l	G/l	G/l	rel. 1	sec
Group 4 (1000 mg/kg)												
111 F	0.809	0.012	0.008	1.07	0.08	0.02	5.52	0.08	0.05	1268	0.74	16.7
112 F	0.755	0.015	0.005	1.01	0.07	0.03	3.73	0.08	0.03	996	0.81	15.0
113 F	0.815	0.010	0.006	1.14	0.06	0.02	5.91	0.07	0.04	1015	0.74	15.7
114 F	0.842	0.021	0.009	0.76	0.09	0.03	5.86	0.15	0.06	1104	0.74	16.1
115 F	0.730	0.019	0.006	0.96	0.08	0.02	3.15	0.08	0.03	973	0.67	15.6
116 F	0.782	0.022	0.009	1.05	0.10	0.03	4.96	0.14	0.06	1168	0.75	18.0
117 F	0.830	0.019	0.009	1.01	0.10	0.03	6.65	0.15	0.07	1013	0.76	n.d.
118 F	0.787	0.020	0.011	1.13	0.33	0.04	6.47	0.17	0.09	1373	0.75	14.8
119 F	0.812	0.015	0.012	0.82	0.10	0.03	4.82	0.09	0.07	1343	0.78	21.6
120 F	0.839	0.022	0.012	0.71	0.09	0.04	5.50	0.14	0.08	1141	0.75	19.3

n.d.=not determined

1.5 BLOOD CHEMISTRY (INDIVIDUALS)

DAY 29

MALES

AN_NO	Gluc	Urea	Creat	Bili-tot	Chol	ASAT	ALAT	AlP	GGT	Na+	K+	Cl-
	mmol/l	mmol/l	µmol/l	µmol/l	mmol/l	U/l	U/l	U/l	U/l	mmol/l	mmol/l	mmol/l
Group 1 (0 mg/kg)												
1 M	6.19	6.12	21.2	2.30	1.65	70.5	50.5	112.6	0.0	142.7	3.82	104.2
2 M	6.72	6.61	24.3	2.38	1.46	64.7	34.2	91.1	0.0	144.9	3.21	106.2
3 M	7.74	8.73	23.2	2.13	1.51	59.0	62.6	128.2	0.0	142.3	3.76	104.2
4 M	5.52	8.33	25.4	1.89	1.49	62.7	65.7	109.2	0.0	143.7	3.70	104.1
5 M	7.67	7.01	23.3	2.14	1.91	60.8	41.2	101.3	0.0	143.0	4.36	103.7
6 M	5.85	7.07	24.4	1.97	2.13	71.7	64.1	88.2	0.0	143.0	3.98	103.1
7 M	6.47	8.00	21.4	2.20	1.57	60.0	55.9	99.2	0.0	141.7	3.99	102.2
8 M	5.66	8.03	24.1	2.34	1.64	68.9	75.3	153.4	0.0	143.0	4.09	104.3
9 M	6.69	7.36	27.4	2.41	1.71	76.9	55.3	93.4	0.0	145.1	3.30	103.8
10 M	4.55	6.69	23.8	2.80	2.23	78.6	57.0	126.2	0.0	143.8	3.29	103.5
Group 2 (100 mg/kg)												
11 M	5.11	7.29	22.3	2.53	1.54	80.8	83.5	109.8	0.0	144.3	3.81	104.3
12 M	7.14	8.03	26.0	1.51	2.06	68.5	48.3	120.6	0.0	143.8	3.38	103.9
13 M	6.95	6.86	22.2	2.01	2.10	69.8	47.7	92.8	0.0	143.2	3.69	105.7
14 M	5.45	8.49	25.2	2.42	1.65	73.6	58.9	106.0	0.0	142.9	4.07	105.1
15 M	5.60	8.09	24.0	2.13	1.40	69.8	56.1	82.9	0.0	144.2	3.62	104.5
16 M	6.20	7.77	22.6	2.15	1.49	65.3	51.7	91.8	0.0	146.2	3.70	107.0
17 M	6.06	6.17	24.0	2.21	1.72	64.7	57.0	90.3	0.0	144.1	4.16	105.4
18 M	5.57	5.79	23.2	2.46	2.26	70.6	59.9	73.2	0.0	142.6	3.98	105.5
19 M	5.78	7.88	23.2	2.19	1.45	67.2	57.4	162.0	0.0	143.5	3.32	102.6
20 M	6.42	6.34	22.5	1.69	2.08	78.2	43.4	80.3	0.0	143.3	3.39	105.3
Group 3 (500 mg/kg)												
21 M	6.20	8.12	26.1	1.66	2.21	62.1	55.6	87.0	0.0	144.1	3.90	104.8
22 M	6.32	7.46	22.9	1.54	1.78	67.9	55.1	104.3	0.0	145.7	3.52	107.4
23 M	5.91	7.99	24.6	2.26	1.44	78.7	57.8	104.1	0.0	144.2	3.85	104.2
24 M	6.42	7.03	22.1	1.39	2.18	65.3	31.8	97.5	0.0	145.3	3.34	106.3
25 M	6.82	7.93	23.8	1.78	2.03	67.9	55.0	69.8	0.0	141.7	3.65	103.8
26 M	6.69	12.70	29.9	1.95	2.22	63.2	51.6	127.7	0.0	143.5	4.34	106.0
27 M	6.82	7.68	21.9	2.65	1.80	76.9	41.7	101.0	0.0	145.5	4.89	106.0
28 M	8.03	7.46	27.0	1.83	1.84	82.6	53.7	92.7	0.0	142.7	4.18	103.5
29 M	8.73	8.65	24.5	1.69	1.34	69.8	63.1	111.5	0.0	142.5	3.88	106.9
30 M	8.13	10.19	23.8	2.98	1.48	87.9	77.0	118.3	0.0	144.5	3.78	107.1

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

DAY 29

Blood chemistry (individuals)

MALES

AN_NO	Gluc	Urea	Creat	Bili-tot	Chol	ASAT	ALAT	AlP	GGT	Na+	K+	Cl-
	mmol/l	mmol/l	µmol/l	µmol/l	mmol/l	U/l	U/l	U/l	U/l	mmol/l	mmol/l	mmol/l
Group 4 (1000 mg/kg)												
31 M	6.86	7.38	26.0	2.40	2.28	75.0	50.8	84.6	0.0	144.8	3.76	107.3
32 M	8.00	10.19	28.7	1.51	1.88	68.6	51.1	99.5	0.0	143.8	3.76	106.7
33 M	6.50	7.03	21.4	2.17	1.85	80.4	64.4	123.6	0.0	145.4	3.79	107.8
34 M	7.15	11.55	33.4	1.74	1.82	60.9	37.3	67.2	0.0	143.9	3.91	106.4
35 M	6.26	9.49	24.6	2.13	2.72	67.0	53.8	77.7	0.0	144.0	3.76	105.3
36 M	5.93	7.96	27.3	2.40	1.52	91.9	57.1	105.8	0.0	144.4	3.91	106.3
37 M	5.88	8.04	21.5	2.18	1.62	55.0	44.6	83.1	0.0	144.5	3.73	103.4
38 M	7.74	11.33	29.5	2.12	1.47	62.0	79.1	115.0	0.0	144.0	3.95	104.6
40 M	8.24	6.25	22.7	1.69	2.34	67.7	60.2	82.3	0.0	143.2	3.91	107.6

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (individuals)

DAY 29 MALES

AN_NO	Ca++	PO4-in	Prot	Alb	Glob	A/G
	mmol/l	mmol/l	g/l	g/l	g/l	rel. 1
Group 1 (0 mg/kg)						
1 M	2.81	1.66	65.85	39.86	25.99	1.53
2 M	2.64	1.72	61.96	39.69	22.27	1.78
3 M	2.66	1.86	63.44	39.27	24.17	1.62
4 M	2.77	2.09	65.12	39.83	25.29	1.57
5 M	2.78	1.83	66.13	41.00	25.13	1.63
6 M	2.85	1.75	67.05	41.46	25.59	1.62
7 M	2.75	1.68	66.15	41.46	24.69	1.68
8 M	2.83	1.92	68.26	40.61	27.65	1.47
9 M	2.67	1.94	65.51	40.78	24.73	1.65
10 M	2.78	1.91	66.93	42.07	24.86	1.69
Group 2 (100 mg/kg)						
11 M	2.76	1.78	69.04	43.44	25.60	1.70
12 M	2.74	1.85	69.67	41.34	28.33	1.46
13 M	2.76	1.83	68.01	42.29	25.72	1.64
14 M	2.79	1.85	65.63	42.11	23.52	1.79
15 M	2.76	1.95	65.11	40.95	24.16	1.69
16 M	2.77	1.92	67.14	43.33	23.81	1.82
17 M	2.79	1.72	69.44	43.15	26.29	1.64
18 M	2.70	1.71	65.38	41.45	23.93	1.73
19 M	2.73	1.98	67.58	39.24	28.34	1.38
20 M	2.67	1.91	66.18	40.28	25.90	1.56
Group 3 (500 mg/kg)						
21 M	2.77	1.62	67.72	40.44	27.28	1.48
22 M	2.76	1.88	66.35	39.12	27.23	1.44
23 M	2.82	1.80	70.24	46.84	23.41	2.00
24 M	2.71	2.00	67.09	42.55	24.54	1.73
25 M	2.70	1.59	65.71	41.09	24.62	1.67
26 M	2.84	1.77	69.54	43.35	26.19	1.66
27 M	2.84	2.02	69.70	44.58	25.12	1.77
28 M	2.69	1.92	63.94	40.41	23.53	1.72
29 M	2.64	1.69	66.99	40.72	26.27	1.55
30 M	2.74	1.90	65.78	42.67	23.11	1.85

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (individuals)

DAY 29 MALES

AN_NO	Ca++	PO4-in	Prot	Alb	Glob	A/G
	mmol/l	mmol/l	g/l	g/l	g/l	rel. 1
Group 4 (1000 mg/kg)						
31 M	2.77	1.90	67.46	43.42	24.04	1.81
32 M	2.66	1.76	65.04	41.41	23.63	1.75
33 M	2.73	1.77	68.90	43.79	25.11	1.74
34 M	2.80	1.90	68.48	41.05	27.43	1.50
35 M	2.81	1.85	69.60	42.86	26.74	1.60
36 M	2.72	1.85	67.31	43.23	24.08	1.80
37 M	2.86	2.07	69.47	44.25	25.22	1.75
38 M	2.87	2.03	69.05	44.02	25.03	1.76
40 M	2.67	1.42	64.67	40.61	24.06	1.69

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (individuals)

DAY 29 FEMALES

AN_NO	Gluc	Urea	Creat	Bili-tot	Chol	ASAT	ALAT	AlP	GGT	Na+	K+	Cl-
	mmol/l	mmol/l	µmol/l	µmol/l	mmol/l	U/l	U/l	U/l	U/l	mmol/l	mmol/l	mmol/l
Group 1 (0 mg/kg)												
81 F	6.02	5.62	23.8	2.36	1.76	98.1	43.0	33.0	0.0	144.0	3.60	107.6
82 F	5.88	7.84	28.1	2.22	1.38	71.9	40.3	86.9	0.0	143.2	3.73	106.9
83 F	6.14	5.64	25.3	2.27	1.44	58.3	39.0	39.2	0.0	144.0	3.70	105.9
84 F	5.99	6.43	22.8	2.69	2.17	71.1	41.4	32.3	0.0	144.4	3.34	105.9
85 F	4.56	6.65	24.5	2.02	1.11	72.0	34.7	47.8	0.0	144.1	3.06	105.9
86 F	5.06	7.59	23.2	3.61	1.15	60.5	33.1	35.3	0.0	146.6	3.75	109.9
87 F	6.92	7.78	29.6	2.92	1.54	60.5	49.1	49.7	0.0	145.3	3.09	106.4
88 F	5.91	6.25	26.3	2.38	1.32	50.4	31.6	37.2	0.0	144.6	3.16	106.4
89 F	5.58	9.32	28.5	2.14	1.43	80.9	50.3	57.6	0.0	142.1	3.20	105.8
90 F	6.60	7.46	25.1	2.84	1.35	63.7	54.8	41.9	0.0	144.3	3.46	106.1
Group 2 (100 mg/kg)												
91 F	4.69	5.75	23.3	2.86	1.73	74.4	39.0	43.6	0.0	145.4	3.14	107.4
92 F	4.90	6.43	27.0	3.22	1.19	74.8	36.4	31.2	0.0	144.2	3.61	108.0
93 F	4.86	7.53	31.2	1.82	0.99	69.4	43.1	77.3	0.0	144.7	3.29	107.6
94 F	4.93	6.86	25.5	2.51	1.50	99.8	48.7	53.2	0.0	143.3	3.05	106.7
95 F	6.28	5.93	28.2	1.99	1.73	66.8	33.8	45.5	0.0	144.3	3.09	108.9
96 F	4.50	6.64	30.2	1.77	1.48	68.1	41.0	46.9	0.0	145.0	3.03	110.1
97 F	4.46	6.76	29.7	2.54	0.94	68.0	32.5	45.6	0.0	144.5	3.35	107.1
98 F	7.83	5.57	24.4	2.80	1.23	68.4	24.0	33.5	0.0	142.9	3.31	106.4
99 F	6.30	6.46	27.2	2.89	1.19	61.9	29.3	49.1	0.0	144.3	3.53	109.4
100 F	4.94	6.96	29.1	1.63	1.01	74.6	41.5	43.5	0.0	143.3	3.02	108.2
Group 3 (500 mg/kg)												
101 F	5.92	5.76	23.3	1.94	1.28	67.7	42.3	41.1	0.0	144.8	3.20	108.4
102 F	5.35	6.72	28.5	2.05	1.39	63.8	38.5	57.5	0.0	142.8	3.39	106.3
103 F	6.13	6.63	27.1	2.35	1.12	74.5	44.1	56.2	0.0	144.2	2.85	108.6
104 F	6.09	7.35	24.4	1.71	1.77	61.9	38.0	37.5	0.0	144.9	3.20	107.6
105 F	4.02	5.80	26.5	2.17	1.60	68.5	52.9	36.1	0.0	144.5	3.44	108.8
106 F	5.34	5.40	27.0	2.49	0.91	87.6	24.9	65.6	0.0	143.1	2.97	107.3
107 F	5.58	6.00	27.3	3.03	1.96	71.3	40.7	35.2	0.0	145.7	3.76	110.7
109 F	6.87	8.36	29.6	1.73	2.04	47.4	36.7	32.6	0.0	143.9	3.45	109.3
110 F	6.81	7.07	26.1	2.12	2.21	92.2	39.6	36.9	0.0	143.6	3.65	107.6

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (individuals)

DAY 29 FEMALES

AN_NO	Gluc	Urea	Creat	Bili-tot	Chol	ASAT	ALAT	AlP	GGT	Na+	K+	Cl-
	mmol/l	mmol/l	µmol/l	µmol/l	mmol/l	U/l	U/l	U/l	U/l	mmol/l	mmol/l	mmol/l
Group 4 (1000 mg/kg)												
111 F	5.40	8.35	32.9	2.50	1.79	71.5	39.3	49.3	0.0	145.2	3.30	109.6
112 F	6.69	7.14	29.1	2.55	1.75	71.3	29.1	50.6	0.0	142.9	2.98	105.8
113 F	6.52	7.78	28.7	1.62	1.58	56.8	49.5	52.1	0.0	145.5	3.37	110.2
114 F	5.51	9.12	29.3	2.14	1.27	70.6	44.6	56.1	0.0	144.4	3.25	107.2
115 F	5.46	6.23	28.4	2.21	1.62	68.3	29.5	50.8	0.0	144.5	3.17	109.8
116 F	6.51	7.37	27.3	1.69	1.64	77.1	37.3	48.1	0.0	142.5	2.93	106.2
117 F	5.71	7.93	26.9	3.73	1.31	68.9	76.0	67.6	0.0	135.6	3.39	99.9
118 F	6.38	8.97	32.4	1.99	1.91	73.3	37.9	69.8	0.0	143.8	3.80	107.8
119 F	6.52	7.15	24.2	1.66	1.82	54.9	36.0	31.8	0.0	144.7	3.29	109.3
120 F	5.90	8.31	25.3	2.06	1.35	66.9	41.6	34.4	0.0	145.2	3.48	107.5

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (individuals)

DAY 29 FEMALES

AN_NO	Ca++ mmol/l	PO4-in mmol/l	Prot g/l	Alb g/l	Glob g/l	A/G rel. 1
Group 1 (0 mg/kg)						
81 F	2.84	1.73	68.66	45.78	22.88	2.00
82 F	2.72	1.68	65.43	43.47	21.96	1.98
83 F	2.78	1.72	67.03	45.78	21.25	2.15
84 F	2.85	1.49	68.91	46.61	22.30	2.09
85 F	2.95	1.96	74.60	51.96	22.64	2.30
86 F	2.90	1.99	69.18	47.87	21.31	2.25
87 F	2.86	1.47	72.63	49.46	23.17	2.13
88 F	2.91	1.86	70.34	48.92	21.42	2.28
89 F	2.72	1.96	67.65	46.74	20.91	2.24
90 F	2.86	1.73	78.02	53.63	24.39	2.20
Group 2 (100 mg/kg)						
91 F	2.78	1.75	66.19	46.80	19.39	2.41
92 F	2.76	1.64	69.46	45.49	23.97	1.90
93 F	2.76	1.91	63.31	42.55	20.76	2.05
94 F	2.76	1.92	67.05	44.96	22.09	2.04
95 F	2.74	1.60	69.38	46.31	23.07	2.01
96 F	2.63	1.01	65.29	43.40	21.89	1.98
97 F	2.83	1.83	68.70	47.16	21.54	2.19
98 F	2.71	1.46	69.53	47.80	21.73	2.20
99 F	2.74	1.78	65.20	43.88	21.32	2.06
100 F	2.63	1.65	62.44	43.79	18.65	2.35
Group 3 (500 mg/kg)						
101 F	2.74	1.59	67.94	45.29	22.65	2.00
102 F	2.77	1.46	68.57	47.51	21.06	2.26
103 F	2.73	1.49	67.67	46.05	21.62	2.13
104 F	2.76	1.67	67.05	45.43	21.62	2.10
105 F	2.80	1.46	67.12	43.25	23.87	1.81
106 F	2.65	1.57	64.04	45.40	18.64	2.44
107 F	2.77	1.31	65.33	45.38	19.95	2.27
109 F	2.68	1.74	66.61	43.54	23.07	1.89
110 F	2.87	1.76	76.38	50.89	25.50	2.00

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Blood chemistry (individuals)

DAY 29 FEMALES

AN_NO	Ca++	PO4-in	Prot	Alb	Glob	A/G
	mmol/l	mmol/l	g/l	g/l	g/l	rel. 1
Group 4 (1000 mg/kg)						
111 F	2.78	1.93	67.03	44.18	22.85	1.93
112 F	2.76	1.68	69.91	46.65	23.26	2.01
113 F	2.71	1.49	67.11	44.12	22.99	1.92
114 F	2.79	1.74	69.74	45.47	24.27	1.87
115 F	2.67	1.65	67.07	45.01	22.06	2.04
116 F	2.67	1.78	66.96	44.04	22.92	1.92
117 F	2.76	1.76	67.27	44.48	22.79	1.95
118 F	2.85	1.89	66.53	42.69	23.84	1.79
119 F	2.85	1.62	71.56	48.45	23.11	2.10
120 F	2.84	1.78	68.22	46.70	21.52	2.17

1.6 REFERENCE VALUES - HEMATOLOGY

SPECIES RAT MALE
STRAIN HanBrl:WIST(SPF)
SUPPLIER RCC Ltd.
STUDY TYPE [ALL]
DOSE ROUTE [ALL]
DATES: [ALL]

PARAMETER	UNIT	METHOD	ANIMAL AGE IN WEEKS	NO. OF ANIMALS	PERCENTILES OF INDIV. VALUES N	5%	MEDIAN	95%	RANGE OF STUDY MEANS N	MIN	MAX
RBC	T/l	M01	13 TO 16	331	331	7.87	8.52	9.38	59	7.82	9.51
Hb	mmol/l	M01	13 TO 16	331	331	9.3	10.0	10.5	59	9.3	10.5
Hct	rel. 1	M01	13 TO 16	331	331	0.44	0.47	0.51	59	0.43	0.50
MCV	fl	M01	13 TO 16	331	331	51.4	54.8	58.3	59	51.7	58.3
RDW	rel. 1	M01	13 TO 16	331	331	0.113	0.127	0.178	59	0.110	0.163
MCH	fmol	M01	13 TO 16	331	331	1.08	1.16	1.24	59	1.08	1.24
MCHC	mmol/l	M01	13 TO 16	331	331	20.00	21.16	22.59	59	19.47	22.70
HDW	mmol/l	M01	13 TO 16	331	331	1.33	1.53	1.95	59	1.39	1.98
WBC	G/l	M01	13 TO 16	331	331	4.90	6.82	9.85	59	4.93	10.61
Neut	rel. 1	M01	13 TO 16	331	331	0.099	0.146	0.219	59	0.109	0.219
Eos	rel. 1	M01	13 TO 16	331	331	0.007	0.013	0.026	59	0.009	0.024
Baso	rel. 1	M01	13 TO 16	331	331	0.001	0.004	0.010	59	0.002	0.013
Lympho	rel. 1	M01	13 TO 16	331	331	0.711	0.804	0.858	59	0.731	0.842
Mono	rel. 1	M01	13 TO 16	331	331	0.012	0.020	0.047	59	0.014	0.049
Luc	rel. 1	M01	13 TO 16	331	331	0.003	0.007	0.021	59	0.003	0.020
Neut	G/l	M01	13 TO 16	331	331	0.65	1.02	1.62	59	0.66	1.62
Eos	G/l	M01	13 TO 16	331	331	0.05	0.09	0.18	59	0.05	0.14
Baso	G/l	M01	13 TO 16	331	331	0.01	0.02	0.08	59	0.01	0.10
Lympho	G/l	M01	13 TO 16	331	331	3.73	5.40	7.95	59	4.04	8.87
Mono	G/l	M01	13 TO 16	331	331	0.08	0.14	0.38	59	0.08	0.45
Luc	G/l	M01	13 TO 16	331	331	0.02	0.05	0.17	59	0.02	0.19

Reference values - Hematology

SPECIES RAT MALE
STRAIN HanBrl:WIST(SPF)
SUPPLIER RCC Ltd.
STUDY TYPE [ALL]
DOSE ROUTE [ALL]
DATES: [ALL]

PARAMETER	UNIT	METHOD	ANIMAL AGE IN WEEKS	NO. OF ANIMALS	PERCENTILES OF INDIV. VALUES N	5%	MEDIAN	95%	RANGE OF STUDY MEANS N	MIN	MAX
Plt	G/l	M01	13 TO 16	331	331	772.	937.	1138.	59	800.	1102.
PT	rel. 1	M01	13 TO 16	283	283	0.70	0.81	0.92	54	0.70	0.91
PTT	sec	M01	13 TO 16	283	283	14.8	18.6	26.0	54	14.2	29.1

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Reference values - Hematology

SPECIES RAT FEMALE
STRAIN HanBrl:WIST(SPF)
SUPPLIER RCC Ltd.
STUDY TYPE [ALL]
DOSE ROUTE [ALL]
DATES: [ALL]

PARAMETER	UNIT	METHOD	ANIMAL AGE IN WEEKS	NO. OF ANIMALS	PERCENTILES OF INDIV. VALUES N	5%	MEDIAN	95%	RANGE OF STUDY MEANS N	MIN	MAX
RBC	T/l	M01	13 TO 16	331	331	7.22	7.86	8.79	59	7.19	8.79
Hb	mmol/l	M01	13 TO 16	331	331	9.0	9.6	10.1	59	9.1	10.0
Hct	rel. 1	M01	13 TO 16	331	331	0.41	0.45	0.49	59	0.41	0.49
MCV	fl	M01	13 TO 16	331	331	53.1	56.8	60.8	59	52.8	60.6
RDW	rel. 1	M01	13 TO 16	331	331	0.109	0.132	0.170	59	0.108	0.164
MCH	fmol	M01	13 TO 16	331	331	1.13	1.22	1.31	59	1.13	1.29
MCHC	mmol/l	M01	13 TO 16	331	331	20.17	21.38	22.82	59	19.83	22.77
HDW	mmol/l	M01	13 TO 16	331	331	1.12	1.29	1.57	59	1.13	1.65
WBC	G/l	M01	13 TO 16	331	331	2.96	4.31	6.46	59	3.51	5.90
Neut	rel. 1	M01	13 TO 16	331	331	0.088	0.138	0.264	59	0.092	0.219
Eos	rel. 1	M01	13 TO 16	331	331	0.008	0.015	0.028	59	0.011	0.035
Baso	rel. 1	M01	13 TO 16	331	331	0.001	0.003	0.009	59	0.001	0.009
Lympho	rel. 1	M01	13 TO 16	331	331	0.676	0.814	0.872	59	0.709	0.864
Mono	rel. 1	M01	13 TO 16	331	331	0.012	0.019	0.039	59	0.014	0.043
Luc	rel. 1	M01	13 TO 16	331	331	0.002	0.007	0.016	59	0.002	0.017
Neut	G/l	M01	13 TO 16	331	331	0.36	0.58	1.22	59	0.41	1.06
Eos	G/l	M01	13 TO 16	331	331	0.03	0.07	0.12	59	0.04	0.13
Baso	G/l	M01	13 TO 16	331	331	0.00	0.01	0.04	59	0.00	0.05
Lympho	G/l	M01	13 TO 16	331	331	2.23	3.44	5.35	59	2.71	4.94
Mono	G/l	M01	13 TO 16	331	331	0.05	0.08	0.19	59	0.06	0.20
Luc	G/l	M01	13 TO 16	331	331	0.01	0.03	0.08	59	0.01	0.09

Reference values - Hematology

SPECIES RAT FEMALE
STRAIN HanBrl:WIST(SPF)
SUPPLIER RCC Ltd.
STUDY TYPE [ALL]
DOSE ROUTE [ALL]
DATES: [ALL]

PARAMETER	UNIT	METHOD	ANIMAL AGE IN WEEKS	NO. OF ANIMALS	PERCENTILES OF INDIV. VALUES N	5%	MEDIAN	95%	RANGE OF STUDY MEANS N	MIN	MAX
Plt	G/l	M01	13 TO 16	331	331	814.	1019.	1238.	59	815.	1323.
PT	rel. 1	M01	13 TO 16	284	284	0.76	0.88	1.02	54	0.72	1.02
PTT	sec	M01	13 TO 16	284	284	14.9	18.4	24.1	54	13.1	26.1

1.7 REFERENCE VALUES - BLOOD CHEMISTRY

SPECIES RAT MALE
STRAIN HanBrl:WIST(SPF)
SUPPLIER RCC Ltd.
STUDY TYPE [ALL]
DOSE ROUTE [ALL]
DATES: [ALL]

PARAMETER	UNIT	METHOD	ANIMAL AGE IN WEEKS	NO. OF ANIMALS	PERCENTILES OF INDIV. VALUES N	5%	MEDIAN	95%	RANGE OF STUDY MEANS N	MIN	MAX
Gluc	mmol/l	M01	13 TO 16	333	333	3.41	5.23	9.30	59	2.60	9.18
Urea	mmol/l	M01	13 TO 16	333	333	4.38	5.55	6.85	59	4.51	6.72
Creat	µmol/l	M01	13 TO 16	333	333	19.5	25.0	29.9	59	19.8	29.0
Bili-tot	µmol/l	M01	13 TO 16	333	333	0.94	1.47	2.12	59	0.97	2.02
Prot	g/l	M01	13 TO 16	333	333	61.86	66.29	71.10	59	60.66	70.94
Alb	g/l	M02	13 TO 16	282	282	38.89	41.81	44.92	53	39.10	44.51
Glob	g/l	M02	13 TO 16	282	282	20.52	24.17	27.43	53	20.09	28.10
A/G	rel. 1	M02	13 TO 16	282	282	1.47	1.74	2.09	53	1.42	2.03
Chol	mmol/l	M01	13 TO 16	333	333	1.11	1.60	2.21	59	1.24	2.11
Na+	mmol/l	M01	13 TO 16	333	333	139.4	143.4	146.8	59	131.5	146.8
K+	mmol/l	M01	13 TO 16	333	333	3.02	3.64	4.27	59	2.95	4.67
Ca++	mmol/l	M01	13 TO 16	333	333	2.56	2.76	2.92	59	2.49	2.91
Cl-	mmol/l	M01	13 TO 16	333	333	96.4	101.5	106.3	59	93.5	107.9
PO4-in	mmol/l	M01	13 TO 16	333	333	1.62	2.11	2.51	59	1.70	2.60
ASAT	U/l	M01	13 TO 16	333	333	61.4	72.4	90.5	59	63.2	92.5
ALAT	U/l	M01	13 TO 16	333	333	21.4	29.2	42.1	59	21.2	42.1
AlP	U/l	M01	13 TO 16	332	332	59.1	86.4	120.9	59	60.8	110.9
GGT	U/l	M01	13 TO 16	333	333	0.0	0.0	0.0	59	0.0	0.0

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

Reference values - Blood chemistry

SPECIES RAT FEMALE
STRAIN HanBrl:WIST(SPF)
SUPPLIER RCC Ltd.
STUDY TYPE [ALL]
DOSE ROUTE [ALL]
DATES: [ALL]

PARAMETER	UNIT	METHOD	ANIMAL AGE IN WEEKS	NO. OF ANIMALS	PERCENTILES OF INDIV. VALUES N	5%	MEDIAN	95%	RANGE OF STUDY MEANS N	MIN	MAX
Gluc	mmol/l	M01	13 TO 16	335	335	3.42	5.11	8.82	59	3.19	9.40
Urea	mmol/l	M01	13 TO 16	335	335	5.44	6.77	8.22	59	5.76	7.77
Creat	µmol/l	M01	13 TO 16	335	335	22.4	28.3	34.6	59	22.4	34.2
Bili-tot	µmol/l	M01	13 TO 16	335	335	1.06	1.61	2.55	59	1.26	2.60
Prot	g/l	M01	13 TO 16	335	335	63.21	68.82	74.14	59	63.76	73.16
Alb	g/l	M02	13 TO 16	285	285	42.62	46.61	52.03	53	42.60	51.65
Glob	g/l	M02	13 TO 16	285	285	18.32	21.62	24.97	53	18.09	25.27
A/G	rel. 1	M02	13 TO 16	285	285	1.80	2.14	2.73	53	1.81	2.77
Chol	mmol/l	M01	13 TO 16	335	335	1.00	1.46	2.20	59	1.14	1.95
Na+	mmol/l	M01	13 TO 16	335	335	138.3	142.9	146.3	59	130.2	147.1
K+	mmol/l	M01	13 TO 16	335	335	2.62	3.32	3.94	59	2.63	4.24
Ca++	mmol/l	M01	13 TO 16	335	335	2.54	2.73	2.87	59	2.52	2.92
Cl-	mmol/l	M01	13 TO 16	335	335	98.6	103.4	107.9	59	97.9	108.6
PO4-in	mmol/l	M01	13 TO 16	335	335	1.10	1.59	1.99	59	1.19	1.92
ASAT	U/l	M01	13 TO 16	335	335	56.2	66.9	86.6	59	56.4	86.0
ALAT	U/l	M01	13 TO 16	335	335	16.3	21.8	31.2	59	16.8	30.9
AlP	U/l	M01	13 TO 16	335	335	23.0	39.0	64.4	59	24.1	64.8
GGT	U/l	M01	13 TO 16	335	335	0.0	0.0	0.0	59	0.0	0.2

RCC STUDY NUMBER 851639
3-(TRIETHOXYSILYL)-PROPANENITRILE

9.7 ATTACHMENT VII

PATHOLOGY REPORT

PATHOLOGY REPORT		RCC STUDY NUMBER 851639	
TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO	: 50064-SPH
TEST SYSTEM	: Rat, HanBrl:WIST (SPF)	DATE	: 25-OCT-05
STUDY TYPE	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test	SPONSOR	: SEHSC

Prepared by:

Dr. med. Ph. Schaetti
Toxicologic Pathologist

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

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[1] Animal organ finding table

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

AUTHENTICATION

I, the undersigned hereby declare that the histopathology data (Principal Section and Tables) in this report were compiled by me, and that they accurately reflect the primary data records.

Prepared by:

Dr. med. Ph. Schaetti
Toxicologic Pathologist

Ph. Schaetti
.....
date: 25-October-2005

Cross-checked by:

Dr. K. Weber, PhD
Toxicologic Pathologist

.....
date: 25-October 2005

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

SUMMARY

The purpose of this combined Toxicity /One-generation reproduction study was to provide preliminary information concerning possible health hazards and effects on the reproductive system of 3-(Triethoxysilyl)-Propanenitrile when administered to rats orally by gavage. 120 parental rats were assigned to four dose groups each containing 10 animals per sex, whereas in females a subdivision in a Reproductive Group and in a Toxicity Group, each containing 10 females, was performed.

The test item was administered daily at doses of 100, 500, 1000 mg/kg/day (groups 2, 3, and 4, respectively). The control group received the vehicle alone.

At the end of the treatment period, all surviving animals (males and females of the Toxicity Group) were weighed, sacrificed, necropsied and examined *post mortem*. Histological examinations were performed on all study plan organs and tissues from control and high dose animals, on the reproductive organs of all infertile animals, and on all gross lesions from all animals. Special attention was directed on the stages of spermatogenesis.

Because of test item-related findings noted in the animals treated with 3-(Triethoxysilyl)-Propanenitrile, the spleen, adrenals (males only) and the kidneys were evaluated in the animals of groups 2 and 3 to establish a no-observed-adverse-effect level (NOAEL).

All, except two (male group 4 and female group 3) animals survived the scheduled study period. The exact cause of morbidity or death of the above mentioned decedents could not be established from the tissues and organs examined.

Organ weights recorded showed significantly increased kidney weights in males of groups 3 and 4 (500 and 1000 mg/kg/day, respectively) and of spleen in group 4. In females, significantly increased kidney and spleen weights were recorded in group 4 (1000 mg/kg/day). These changes correlated with renal damage and changes in the spleen (males only) described below. In males, relative heart weights without histopathologic correlate were increased in groups 3 and 4 (500 and 1000 mg/kg/day, respectively), reflecting most probably an increased blood circulatory load due to the renal damage. Changes in liver weights in males of groups 2, 3 and 4 most probably reflect an adaptive change due to treatment and are of no adverse character.

At necropsy, performed at the end of treatment period, the following test item-related macroscopic findings were recorded: Discoloration and/or foci of the kidneys in few animals of either sex of group 4 (1000 mg/kg/day). These macroscopic findings correlated with the findings observed at the subsequent microscopic examination.

The following histopathological test item-related changes in rats administered 3-(Triethoxysilyl)-Propanenitrile were observed in the kidneys and spleen:

The main target organ was the kidney. In 8/10 animals of either sex of group 4 (1000 mg/kg/day) and in 6/10 males of group 3 (500 mg/kg/day), chronic tubular lesion of minimal to moderate severity was observed, correlating with macroscopic renal discoloration and foci

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

and increased kidney weights recorded at necropsy. Males were more severely affected than females. Hyperplasia of transitional cell epithelium of the renal pelvis was seen in groups 3 and 4 (500 and 1000 mg/kg/day, respectively) in either sex, mostly in conjunction with chronic tubular lesion. Further, renal pyelonephritis and increased incidence of splenic extramedullary hematopoiesis (males only) were present in treated animals and were considered secondary to the primary renal tubular lesion.

No treatment-related histopathological findings were observed in the reproductive organs of either sex from the parental generation.

Under the conditions of this test, according to the results of pathology the no-observed-adverse-effect level (NOAEL) is 100 mg/kg/day.

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
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MATERIALS AND METHODS

Group Allocation

Group	Male Numbers	Reproductive Groups Female Numbers	Toxicity Groups Female Numbers	Dose mg/kg/day
1	1 - 10	41 - 50	81 - 90	0 (vehicle control)
2	11 - 20	51 - 60	91 - 100	100
3	21 - 30	61 - 70	101 - 110	500
4	31 - 40	71 - 80	111 - 120	1000

In males and Toxicity Group females (not mated), the test item 3-(Triethoxysilyl)-Propanenitrile was administered orally by gavage during 28 days until the day before necropsy. The control group received the vehicle alone. The treatment started on September 20, 2004. Daily dosing of the Reproductive Group females was continued throughout pregnancy and up to day 3 of lactation.

Necropsy

Necropsies were performed at RCC Ltd, Itingen / Switzerland.

At the end of the treatment period all adult males and Toxicity Group females were weighed, anesthetized by intraperitoneal injection of "Vetanarcol", sacrificed by exsanguination, and necropsied. The following organs were weighed in all males and Toxicity Group females:

Males	Females (Toxicity Groups)
• liver	• liver
• adrenals*	• adrenals*
• thymus	• thymus
• kidneys*	• kidneys*
• spleen	• spleen
• brain	• brain
• heart	• heart
• testes*	• ovaries*
• epididymides*	• uterus
• seminal vesicles, with coagulating glands and their fluids (as one unit)	
• prostate	

* = paired weights

Descriptions of all macroscopic abnormalities were recorded.

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

The following tissues were collected from all males and females in the Toxicity Groups and preserved in neutral phosphate buffered 4% formaldehyde solution (except for testes and epididymides, which were fixed in Bouin's fixative):

- gross lesions
- brain
- spinal cord
- small and large intestines (incl. Peyer's patches)
- stomach
- liver
- kidneys
- adrenals
- spleen
- heart
- thymus
- thyroid
- urinary bladder
- lymph nodes *(mesenteric and mandibular)*
- sciatic nerve
- trachea and lungs (preserved by inflation with fixative and then immersion)
- bone marrow
- ovaries
- uterus
- testes
- epididymides
- prostate
- seminal vesicles with coagulation glands

Histopathology

Histological preparation of the tissues was performed at RCC Ltd, Itingen / Switzerland.

Slides of all organs and tissues collected at necropsy (see list above) from all males and Toxicity Group females of the vehicle control and high dose group (groups 1 and 4, respectively) and all gross lesions from all animals of all groups were processed, embedded in paraffin, cut at a nominal thickness of 2-4 micrometers, stained with hematoxylin & eosin (H&E) and examined by light microscope by the study pathologist.

A detailed qualitative examination of the testes was made on extra sections stained with PAS/Hematoxylin, taking into account the tubular stages of the spermatogenic cycle in order to assess the integrity of the spermatogenic cycle (Creasy DM, 1997; Russell LD et al., 1990). This examination was performed on all control and high dose animals from the parental generation.

Because of possible test item-related findings noted in the animals treated with 3-(Triethoxysilyl)-Propanenitrile, the following tissues and/or organs, except of animal no. 108, where no tissue was available, were evaluated in the animals of groups 2 and 3 to establish a no-observed-adverse-effect level (NOAEL): spleen and adrenals (males only) and kidneys in either sex.

Data Compilation

The animal data and necropsy findings were recorded on TEC-TOX Release 7.0, RCC Ltd, and were transferred electronically via transfer file into the PathData System Version V6.2.

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

The microscopic findings were recorded during histopathologic examination by the pathologist and entered directly into the PathData System. The histopathological evaluation was completed on January 28, 2005.

Histological changes were described, wherever possible, according to distribution, severity and morphologic character. Severity scores were assigned as given under "Explanation of Codes and Symbols". In paired organs, findings occurred sometimes bilaterally and were of different degrees of severity. When this occurred, the higher degree was recorded.

All microscopic findings are listed in the "TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS" (= AOFT, animal organ finding table), along with an explanation of the codes and symbols used. Computer-generated incidence tables derived from these data are also presented as well as the complete narrative of the both macroscopic and microscopic findings.

Data Cross Checking

The sections of selected tissues (kidneys) were reviewed by Dr. K. Weber (RCC Itingen, Head Department of Pathology). The assessment of the study pathologist and reviewing pathologist compared favorably.

References

Creasy DM (1997): Review Article: Evaluation of Testicular Toxicity in Safety Evaluation Studies: The Appropriate Use of Spermatogenic Staging, Toxicol. Pathol. 25, 119-131

Russell LD, Ettlin RA, Sinha Hikim AP, Clegg ED (1990): Histological and Histopathological Evaluation of the Testis; Cache River Press, Clearwater, Florida

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

RESULTS

Mortality

All, except two animals (group 4 male no. 39 at day 3 and Toxicity group 3 female no. 108 at day 8 on test) survived the scheduled study period. The exact cause of morbidity or death of the above mentioned decedents could not be established from the tissues and organs examined. Moderate tubular necrosis observed in the kidneys of animal no. 39 may represent a terminal phenomenon or even an artifact not directly related to treatment.

Organ Weights

Statistically significant changes in organ weights which correlated to microscopic findings were recorded in the kidneys of either sex and in the spleen in males. Significantly increased absolute and relative weights, and organ/brain weight ratios of kidneys were observed in males of group 3 and 4 (500 mg/kg/day and 1000 mg/kg/day, respectively) and in females of group 4 (1000 mg/kg/day). Absolute and relative spleen weights, and spleen/brain weight ratios were increased in group 4 (1000 mg/kg/day) in both sexes.

In males, relative heart weights without histopathologic correlate were increased in groups 3 and 4 (500 and 1000 mg/kg/day, respectively), reflecting most probably an increased blood circulatory load due to the renal damage described below.

Further, in males, significantly increased relative weights of the liver without histopathologic correlate were observed in groups 2, 3 and 4 (100, 500 and 1000 mg/kg/day, respectively). They are considered most probably of adaptive origin and therefore of no adverse character.

Other statistically significant deviations in mean organ weight were considered incidental, reflecting the usual biological variability of individual values.

Macroscopic Findings

At the end of the treatment period a few test item-related gross lesions were observed in the kidneys. In treatment group 4 (1000 mg/kg/day), 2/10 males had tan discoloration or foci and 2/10 females had foci of the kidneys corresponding to item-related microscopic findings described below.

A few other macroscopic findings were observed in this study. They occurred in low number in various experimental groups and were similar to those occurring spontaneously in laboratory rats of this strain and age. Thus, no experimental relevance was attributed to these findings.

Microscopic Findings

The summary incidences of gradings in selected organs and the detailed incidence data of all findings in all organs appear in "SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX" and in "NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX" following the narrative part of the present report.

There were a number of findings, which distinguished test item-treated animals from controls.

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

Kidneys:

- Chronic tubular lesion of minimal to moderate severity was observed in both sexes in group 4 (1000 mg/kg/day), where 8/10 animals were affected in either sex. Males were more severely affected than females with an average grade of 2.3 versus 1.8. Further 6/10 males showed this lesion in group 3 (500 mg/kg/day). Characteristically multifocal, this change showed regeneration of tubular epithelium represented by tubular basophilia and/or hypertrophy, granular casts in the tubular lumen, pigment deposition, tubular dilatation, vacuolation and necrosis, lymphocytic infiltration and, in advanced cases, inflammation with fibrosis within the damaged areas. This finding was compatible with the tan discoloration and/or foci of the kidneys noted at necropsy in some animals and with the increased kidney weights recorded. Males were generally more severely affected than females.
- Further, minimal to slight acute pyelonephritis, always in conjunction with chronic tubular lesion, was observed in 3/10 group 3 males and 2/10 males and 3/10 females of group 4. It was considered a secondary effect due to the damaged kidneys, which are more susceptible to inflammatory diseases than normal kidneys.
- Hyperplasia of transitional epithelium of renal pelvis, of minimal to slight grade, located mainly at the pelvic roof, was observed in groups 3 and 4 (500 and 1000 mg/kg/day, respectively) in either sex. In males, 5/10 high dose and 8/10 group 3 animals, in females 6/10 high dose and 5/10 group 5 animals were affected. This finding was mostly in conjunction with chronic tubular lesion in high dose animals. In group 3 animals, it occurred also as isolated finding, especially in females. It was considered related to tubular damage, since minimal cellular and proteinaceous detritus as also minimal inflammatory cell infiltration was often seen nearby, which possibly may have enhanced an epithelial reaction of renal pelves.

Spleen:

- Extramedullary hematopoiesis was observed in slightly increased incidence and severity in males of group 4 (1000 mg/kg/day) corresponding to increased organ weights. 7/10 (mean grade 1.6) males were affected versus 3/10 (grade 1.3) in controls, 4/10 in group 2 and 3/10 in group 3. This finding is considered to be a secondary effect, where chronic kidney injury with inflammation may have enhanced the hematopoietic activity in the affected rats.

No treatment-related histopathologic findings were observed in the reproductive organs of either sex from the parental generation. In particular, the assessment of the integrity of the spermatogenetic cycle did not provide any evidence of impaired spermatogenesis.

Incidental findings:

Pelvic dilatation of the kidneys and cortical fatty change of the adrenal glands observed in treated animals were considered incidental findings. A variety of other changes were found in this study. They commonly occur in laboratory rats of this stain and age, and neither their

TEST ITEM	: 3-(TRIETHOXYSILYL)-PROPANENITRILE	PATH. NO.	: 50064-SPH
TEST SYSTEM	: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test in the Rat	DATE	: 25-OCT-05
SPONSOR	: SEHSC		

incidences nor their distribution nor morphologic appearance gave any indication of a test item-related association.

CONCLUSIONS

There were two premature deaths, 1/10 females in Toxicity group 3 and 1/10 males in group 4. The exact cause of morbidity or death of the above mentioned decedents could not be established from the tissues and organs examined. All other animals survived the scheduled study period.

Organ weights recorded showed significantly increased kidney weights in males of groups 3 and 4 (500 and 1000 mg/kg/day, respectively) and of spleen in group 4. In females, significantly increased kidney and spleen weights were recorded in group 4 (1000 mg/kg/day). These changes correlated with renal damage and changes in the spleen (males only). In males, relative heart weights without histopathologic correlate were increased in groups 3 and 4 (500 and 1000 mg/kg/day, respectively), reflecting most probably an increased blood circulatory load due to the renal damage. This is reflected by hematologic examination showing anemia (lower hemoglobin and hematocrit values), lowered prothrombin time, and in disturbances of albumin and chloride values in high dose animals consecutive to renal damage. Changes in liver weights in males of groups 2, 3 and 4 most probably reflect an adaptive change due to treatment and are of no adverse character.

At necropsy, performed at the end of treatment period, the following test item-related macroscopic findings were recorded: Tan discoloration and/or foci of the kidneys in few animals of either sex of group 4 (1000 mg/kg/day). These macroscopic findings correlated with the findings observed at the subsequent microscopic examination.

The following histopathological test item-related changes in rats administered 3-(Triethoxysilyl)-Propanenitrile were observed in the kidneys and spleen:

The main target organ was the kidney. In 8/10 animals of either sex of group 4 (1000 mg/kg/day) and in 6/10 males of group 3 (500 mg/kg/day), chronic tubular lesion of minimal to moderate severity was observed, correlating with macroscopic renal discoloration and foci and increased kidney weights recorded at necropsy. Males were more severely affected than females. Hyperplasia of transitional cell epithelium of the renal pelvis was seen in groups 3 and 4 (500 and 1000 mg/kg/day, respectively) in either sex, mostly in conjunction with chronic tubular lesion. Further, renal pyelonephritis and increased incidence of splenic extramedullary hematopoiesis (males only) were present in treated animals and were considered secondary to the primary renal tubular lesion.

No treatment-related histopathological findings were observed in the reproductive organs of either sex from the parental generation.

Under the conditions of this test, according to the results of pathology the no-observed-adverse-effect level (NOAEL) is 100 mg/kg/day.

PATHOLOGY REPORT PAGE : 12
SUMMARY TABLES RCC : 851639

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
SELECTED FINDINGS

SEX :					MALE
DOSE GROUP:	01	02	03	04	
NO.ANIMALS:	10	10	10	10	
KIDNEYS :	10	10	10	10	
- HYPERPLAS.TRANSIT.CE					
GRADE 1 :	-	-	5	4	
GRADE 2 :	-	-	2	1	
GRADE 3 :	-	-	1	-	
TOTAL AFFECTED :	-	-	8	5	
MEAN SEVERITY :	-	-	1.5	1.2	
- LESION TUBULAR CHRO.					
GRADE 1 :	-	-	1	1	
GRADE 2 :	-	-	2	4	
GRADE 3 :	-	-	3	3	
TOTAL AFFECTED :	-	-	6	8	
MEAN SEVERITY :	-	-	2.3	2.3	
- PYELONEPHRITIS ACUTE					
GRADE 1 :	-	-	2	1	
GRADE 2 :	-	-	1	1	
TOTAL AFFECTED :	-	-	3	2	
MEAN SEVERITY :	-	-	1.3	1.5	
SPLEEN :	10	10	10	10	
- EXMED. HEMATOPOIESIS					
GRADE 1 :	2	4	3	4	
GRADE 2 :	1	-	-	2	
GRADE 3 :	-	-	-	1	
TOTAL AFFECTED :	3	4	3	7	
MEAN SEVERITY :	1.3	1.0	1.0	1.6	

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

SUMMARY INCIDENCE OF GRADINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS
SELECTED FINDINGS

SEX :					FEMALE
DOSE GROUP:	01	02	03	04	
NO.ANIMALS:	10	10	10	10	
KIDNEYS :	10	10	9	10	
- HYPERPLAS.TRANSIT.CE					
GRADE 1 :	-	-	4	3	
GRADE 2 :	-	-	1	3	
TOTAL AFFECTED :	-	-	5	6	
MEAN SEVERITY :	-	-	1.2	1.5	
- LESION TUBULAR CHRO.					
GRADE 1 :	-	-	-	3	
GRADE 2 :	-	-	-	4	
GRADE 3 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	8	
MEAN SEVERITY :	-	-	-	1.8	
- PYELONEPHRITIS ACUTE					
GRADE 1 :	-	-	-	2	
GRADE 2 :	-	-	-	1	
TOTAL AFFECTED :	-	-	-	3	
MEAN SEVERITY :	-	-	-	1.3	
SPLEEN :	10	-	-	10	
- EXMED. HEMATOPOIESIS					
GRADE 1 :	5	-	-	4	
GRADE 2 :	-	-	-	2	
TOTAL AFFECTED :	5	-	-	6	
MEAN SEVERITY :	1.0	-	-	1.3	

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					MALE
DOSE GROUP:	01	02	03	04	
NO.ANIMALS:	10	10	10	10	
ADRENAL GLANDS :	10	10	10	10	
- CHANGE FATTY CORT. :	7	6	7	8	
BONE MARROW, FEMUR :	10	-	-	10	
- ATROPHY FATTY :	6	-	-	6	
HEART :	10	-	-	10	
- INFILT. LYMPHOHIST. :	-	-	-	2	
KIDNEYS :	10	10	10	10	
- ATROPHY TUBULAR :	-	-	-	1	
- BASOPHILIA TUBULAR :	3	4	4	3	
- CAST TUBULAR :	-	-	1	-	
- CHANGE HYALINE :	4	8	6	5	
- CYST :	-	1	-	-	
- DILAT. TUBULAR CYST.:	-	1	-	-	
- DILATATION PELVIC :	9	4	7	9	
- HYPERPLAS. TUBULAR :	-	1	-	-	
- HYPERPLAS.TRANSIT.CE:	-	-	8	5	
- INFILT. INFLAM. CELL:	-	1	1	1	
- INFILT. LYMPHOCYTIC :	-	-	-	1	
- LESION TUBULAR CHRO.:	-	-	6	8	
- NECROSIS TUBULAR :	-	-	-	1	
- PYELONEPHRITIS ACUTE:	-	-	3	2	
LIVER :	10	-	-	10	
- CHANGE FATTY :	1	-	-	-	
- DEPOS. OF GLYCOGEN :	-	-	-	1	
- INFILT. LYMPHOHIST. :	5	-	-	7	
LUNG :	10	-	-	10	
- CONGESTION :	-	-	-	1	
- EDEMA ALVEOLAR :	-	-	-	1	
- HEMORRHAGE :	1	-	-	-	
- HYPERPLAS. LYMPHOID :	-	-	-	1	

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					MALE
DOSE GROUP:	01	02	03	04	
NO.ANIMALS:	10	10	10	10	
MANDIB.LYMPH NODES :	10	-	-	10	
- CONGESTION :	-	-	-	1	
- HYPERPLAS.REACT.CHR.:	2	-	-	-	
MESENT. LYMPH NODE :	10	-	-	10	
- HYPERPLAS. LYMPHOID :	1	-	-	1	
PARATHYROID GLANDS :	9	-	-	6	
- HYPERPLASIA :	1	-	-	-	
PEYERS PATCHES JEJ. :	9	-	-	9	
- MINERALIZATION :	2	-	-	1	
RECTUM :	10	-	-	10	
- PARASITE :	1	-	-	1	
SCIATIC NERVE, LEFT :	10	-	-	10	
- DEGENERATION FIBRES :	-	-	-	1	
SPLEEN :	10	10	10	10	
- CONGESTION :	-	-	-	1	
- EXMED. HEMATOPOIESIS:	3	4	3	7	
TESTES :	10	-	-	10	
- ATROPHY TUBULAR :	5	-	-	4	
- VACUOLATION TUBULAR :	1	-	-	-	
THYMUS :	10	-	-	10	
- CONGESTION :	-	-	-	1	
- HEMORRHAGE :	3	-	-	3	
- HYPERPLAS.EPITHELIAL:	1	-	-	-	
- PHAGOCYTIC CELLS :	2	-	-	-	

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					MALE
DOSE GROUP:	01	02	03	04	
NO.ANIMALS:	10	10	10	10	
THYROID GLAND :	10	-	-	10	
- CONGESTION :	-	-	-	1	
- HYPERTROPHY FOLLIC. :	6	-	-	4	
- INFL. WITH FIBROSIS :	-	-	-	1	
- METAPLASIA SQUAMOUS :	-	-	-	1	
TRACHEA :	10	-	-	10	
- DILATATION GLANDULAR:	6	-	-	5	
URINARY BLADDER :	10	-	-	10	
- PRECIPITATE :	1	-	-	1	

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					FEMALE
DOSE GROUP:	01	02	03	04	
NO.ANIMALS:	10	10	10	10	
ADRENAL GLANDS :	10	-	-	10	
- CHANGE FATTY CORT. :	1	-	-	1	
BONE MARROW, FEMUR :	10	-	-	10	
- ATROPHY FATTY :	2	-	-	3	
KIDNEYS :	10	10	9	10	
- ATROPHY TUBULAR :	-	-	1	-	
- BASOPHILIA TUBULAR :	1	-	2	1	
- DILAT. TUBULAR CYST.:	-	-	1	-	
- DILATATION PELVIC :	4	1	3	4	
- HYPERPLAS.TRANSIT.CE:	-	-	5	6	
- INFILT. INFLAM. CELL:	-	-	1	-	
- LESION TUBULAR CHRO.:	-	-	-	8	
- MINERALIZ.CORTICOMED:	1	2	1	2	
- PYELONEPHRITIS ACUTE:	-	-	-	3	
- SWELLING TUBULAR :	1	-	-	2	
LIVER :	10	-	-	10	
- CHANGE FATTY :	6	-	-	5	
- INFILT. LYMPHOHIST. :	2	-	-	1	
LUNG :	10	-	-	10	
- HYPERPLAS. LYMPHOID :	-	-	-	1	
MANDIB.LYMPH NODES :	10	-	-	10	
- HYPERPLAS.REACT.CHR.:	-	-	-	2	
MESENT. LYMPH NODE :	10	-	-	10	
- CONGESTION :	1	-	-	-	
RECTUM :	10	-	-	10	
- PARASITE :	2	-	-	2	
SPLEEN :	10	-	-	10	
- EXMED. HEMATOPOIESIS:	5	-	-	6	
- HISTIOCYTIC RETICUL.:	1	-	-	1	

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

NUMBER OF ANIMALS WITH MICROSCOPIC FINDINGS BY ORGAN/GROUP/SEX
STATUS AT NECROPSY: K0, INCL. DEATHS

SEX :					FEMALE
DOSE GROUP:	01	02	03	04	
NO.ANIMALS:	10	10	10	10	
THYMUS :	10	1	-	10	
- ATROPHY :	1	-	-	-	
- HEMORRHAGE :	1	1	-	-	
- HYPERPLAS.EPITHELIAL:	5	-	-	6	
- PHAGOCYTIC CELLS :	1	-	-	-	
THYROID GLAND :	10	-	-	10	
- ACCESSORY THYMUS :	1	-	-	-	
- HYPERTROPHY FOLLIC. :	2	-	-	2	
- METAPLASIA SQUAMOUS :	1	-	-	-	
TRACHEA :	10	-	-	10	
- DILATATION GLANDULAR:	3	-	-	4	
UTERUS :	10	-	-	10	
- DIESTRUS :	5	-	-	3	
- ESTRUS :	1	-	-	1	
- METESTRUS :	3	-	-	4	
- PROESTRUS :	1	-	-	2	

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 01, MALE

NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING
	ANIMAL NO: 9
THYMUS	
- 01: FOCUS/FOCI, ISOLATED, DARK RED.	- HEMORRHAGE, grade 1.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 01, FEMALE

NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING
	ANIMAL NO: 85
MESENTERIC LYMPH NODE	
- 01: DISCOLORATION, DARK RED.	- CONGESTION, grade 2.
	ANIMAL NO: 89
THYMUS	
- 01: DISCOLORATION, REDDISH.	- HEMORRHAGE, grade 2.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 02, FEMALE

NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING
	ANIMAL NO: 96
THYMUS	
- 01: FOCUS/FOCI, MANY, D=1 MM, DARK RED.	- HEMORRHAGE, grade 1.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 03, FEMALE

NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING
	ANIMAL NO: 108
GENERAL OBSERVATIONS	
- 01: NO ORGANS FIXED. ANIMAL FREEZE..	- Not specified
	ANIMAL NO: 109
KIDNEYS	
- 01: LEFT SIDE: PELVIC DILATION.	- PELVIC DILATATION, unilateral, grade 3.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 04, MALE

NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING
	ANIMAL NO: 32
KIDNEYS	
- 01: RIGHT SIDE: PELVIC DILATION.	- PELVIC DILATATION, bilateral, grade 3.
	ANIMAL NO: 34
KIDNEYS	
- 01: LEFT SIDE: PELVIC DILATION.	- PELVIC DILATATION, bilateral, grade 3.
- 02: LEFT SIDE: DISCOLORATION, TAN.	- CHRONIC TUBULAR LESION, bilateral, grade 3.
	ANIMAL NO: 38
KIDNEYS	
- 01: BOTH SIDES: FOCUS/FOCI, D=5 MM, ISOLATED, TAN.	- CHRONIC TUBULAR LESION, bilateral, grade 3.
	ANIMAL NO: 39
LIVER	
- 01: THICKENED.	- DEPOSITION OF GLYCOGEN, grade 3.
LUNG	
- 01: INCOMPLETELY COLLAPSED.	- ALVEOLAR EDEMA, grade 2.
- 02: DISCOLORATION, DARK RED.	- CONGESTION, grade 3.
MANDIBULAR LYMPH NODES	
- 01: DISCOLORATION, DARK RED.	- CONGESTION, bilateral, grade 2.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

CORRELATION TABLE: NECROPSY - MICROSCOPY DOSE GROUP 04, FEMALE

NECROPSY OBSERVATION	CORRESPONDING MICROSCOPIC FINDING
	ANIMAL NO: 115
KIDNEYS	
- 01: RIGHT SIDE: FOCUS/FOCI, D=3 MM, TAN.	- CHRONIC TUBULAR LESION, bilateral, grade 2.
	ANIMAL NO: 117
KIDNEYS	
- 01: RIGHT SIDE: FOCUS/FOCI, D=3 MM, TAN.	- CHRONIC TUBULAR LESION, unilateral, grade 1.
	ANIMAL NO: 119
KIDNEYS	
- 01: BOTH SIDES: PELVIC DILATION.	- PELVIC DILATATION, bilateral, grade 3.
URINARY BLADDER	
- 01: CONTAINS MILKY-CLOUDY FLUID.	- Nothing abnormal discovered.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

EXPLANATION OF CODES AND SYMBOLS

CODES AND SYMBOLS USED AT ANIMAL LEVEL:

M = Male animal
F = Female animal
K0 = Terminal sacrifice group
+ = Intercurrent death/sacrificed moribund
+1 = Found dead

CODES AND SYMBOLS USED AT ORGAN LEVEL:

A = Severe autolysis, evaluation not possible
G = Gross observation checked off histologically
0 = Tissue not present for histologic examination
' = Histologic examination not required
: = Tissue not preserved for microsc. examination
+ = Organ examined, findings present
- = Organ examined, no pathologic findings noted (AOFT only)

CODES AND SYMBOLS USED AT FINDING LEVEL:

GRADE 1 = Minimal / very few / very small
GRADE 2 = Slight / few / small
GRADE 3 = Moderate / moderate number / moderate size
P = Finding present, severity not scored
(= Finding unilateral in paired organs
* = Comment in text of individual animal data

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 01, 0 MG/KG

ANIMAL NUMBER :	1	2	3	4	5	6	7	8	9	10
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	+	+	-	-	+	+	+	+	-	+
- CHANGE FATTY CORT.	1.	3.	.	.	1.	2.	1.	3.	.	1.
ADRENAL MEDULLAS	-	0	-	-	-	-	-	-	-	-
BONE MARROW, FEMUR	-	+	-	-	+	-	+	+	+	+
- ATROPHY FATTY	.	1.	.	.	2.	.	2.	2.	2.	2.
BRAIN	-	-	-	-	-	-	-	-	-	-
COAGULATING GLANDS	-	-	-	-	-	-	-	-	-	-
COLON	-	-	-	-	-	-	-	-	-	-
DUODENUM	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIDES	-	-	-	-	-	-	-	-	-	-
FORESTOMACH	-	-	-	-	-	-	-	-	-	-
GLANDULAR STOMACH	-	-	-	-	-	-	-	-	-	-
HEART	-	-	-	-	-	-	-	-	-	-
ILEUM	-	-	-	-	-	-	-	-	-	-
JEJUNUM	-	-	-	-	-	-	-	-	-	-
KIDNEYS	+	-	+	+	+	+	+	+	+	+
- BASOPHILIA TUBULAR	(1.	.	.	(1.	.	(1.	.	.	.	.
- CHANGE HYALINE	.	.	.	.	.	3.	1.	.	3.	2.
- DILATATION PELVIC	2.	.	2.	1.	2.	1.	2.	1.	3.	2.
LIVER	+	+	-	+	-	+	-	-	+	-
- CHANGE FATTY	.	.	.	1.	.	.	.	.	.	.
- INFILT. LYMPHOHIST.	2.	1.	.	1.	.	2.	.	.	1.	.
LUNG	-	-	-	-	-	-	-	-	+	-
- HEMORRHAGE	.	.	.	.	.	.	.	.	1.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 01, 0 MG/KG

ANIMAL NUMBER :	1	2	3	4	5	6	7	8	9	10
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
MANDIB.LYMPH NODES	+	-	-	-	-	-	-	-	+	-
- HYPERPLAS.REACT.CHR.	1.	.	.	.	.	.	.	.	1.	.
MESENT. LYMPH NODE	-	-	+	-	-	-	-	-	-	-
- HYPERPLAS. LYMPHOID	.	.	2.	.	.	.	.	.	.	.
PARATHYROID GLANDS	-	-	-	-	-	0	-	+	-	-
- HYPERPLASIA	.	.	.	.	.	.	.	2.	.	.
PEYERS PATCHES ILEUM	-	0	-	-	-	-	-	-	-	-
PEYERS PATCHES JEJ.	+	-	-	-	-	-	-	+	-	0
- MINERALIZATION	1.	.	.	.	.	.	.	1.	.	.
PROSTATE GLAND	-	-	-	-	-	-	-	-	-	-
RECTUM	-	-	-	-	-	+	-	-	-	-
- PARASITE	.	.	.	.	.	1.	.	.	.	.
SCIATIC NERVE, LEFT	-	-	-	-	-	-	-	-	-	-
SEMINAL VESICLES	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, CERVIC.	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, LUMBAR	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, THORAC.	-	-	-	-	-	-	-	-	-	-
SPLEEN	+	-	-	-	-	-	-	+	+	-
- EXMED. HEMATOPOIESIS	1.	.	.	.	.	.	.	1.	2.	.
STOMACH	-	-	-	-	-	-	-	-	-	-
TESTES	+	-	-	+	-	+	+	+	+	-
- ATROPHY TUBULAR	(1.	.	.	.	.	1.	(1.	1.	(1.	.
- VACUOLATION TUBULAR	.	.	.	1.	.	.	.	.	.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 01, 0 MG/KG

ANIMAL NUMBER :

	1	2	3	4	5	6	7	8	9	10
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
THYMUS	+	+	-	+	-	-	-	+	+G	+
- HEMORRHAGE	.	1.	.	1.	.	.	.	.	1.	.
- HYPERPLAS.EPITHELIAL	1.	.	.	.	.	.	.	.	.	.
- PHAGOCYTIC CELLS	.	.	.	.	.	.	.	2.	.	1.
THYROID GLAND	+	+	-	+	-	+	+	-	+	-
- HYPERTROPHY FOLLIC.	1.	1.	.	1.	.	1.	1.	.	2.	.
TRACHEA	-	+	+	+	-	+	-	+	+	-
- DILATATION GLANDULAR	.	1.	1.	2.	.	1.	.	1.	1.	.
URINARY BLADDER	-	+	-	-	-	-	-	-	-	-
- PRECIPITATE	.	2.	.	.	.	.	.	.	.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 01, 0 MG/KG

ANIMAL NUMBER :	81	82	83	84	85	86	87	88	89	90
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
ADRENAL GLANDS	-	-	-	-	+	-	-	-	-	-
- CHANGE FATTY CORT.	.	.	.	.	1.	.	.	.	.	.
ADRENAL MEDULLAS	-	-	-	-	-	-	-	-	-	-
BONE MARROW, FEMUR	+	-	-	-	+	-	-	-	-	-
- ATROPHY FATTY	1.	.	.	.	2.	.	.	.	.	.
BRAIN	-	-	-	-	-	-	-	-	-	-
COLON	-	-	-	-	-	-	-	-	-	-
DUODENUM	-	-	-	-	-	-	-	-	-	-
FORESTOMACH	-	-	-	-	-	-	-	-	-	-
GLANDULAR STOMACH	-	-	-	-	-	-	-	-	-	-
HEART	-	-	-	-	-	-	-	-	-	-
ILEUM	-	-	-	-	-	-	-	-	-	-
JEJUNUM	-	-	-	-	-	-	-	-	-	-
KIDNEYS	-	+	-	-	+	-	+	+	-	+
- BASOPHILIA TUBULAR	.	(1.	.	.	.	.	.	.	.	.
- DILATATION PELVIC	.	1.	.	.	2.	.	(2.	.	.	(1.
- MINERALIZ.CORTICOMED	.	.	.	.	.	.	.	1.	.	.
- SWELLING TUBULAR	.	.	.	.	2.	.	.	.	.	.
LIVER	+	+	+	-	+	+	-	+	+	+
- CHANGE FATTY	1.	1.	.	.	1.	1.	.	1.	2.	.
- INFILT. LYMPHOHIST.	.	.	1.	.	.	.	.	.	.	1.
LUNG	-	-	-	-	-	-	-	-	-	-
MANDIB.LYMPH NODES	-	-	-	-	-	-	-	-	-	-

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 01, 0 MG/KG

ANIMAL NUMBER :	81	82	83	84	85	86	87	88	89	90
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
MESENT. LYMPH NODE	-	-	-	-	+G	-	-	-	-	-
- CONGESTION	.	.	.	.	2.	.	.	.	.	.
OVARIES	-	-	-	-	-	-	-	-	-	-
PARATHYROID GLANDS	-	-	-	-	-	-	0	-	-	-
PEYERS PATCHES ILEUM	-	-	-	-	-	-	-	-	-	-
PEYERS PATCHES JEJ.	-	0	-	-	-	0	-	-	-	-
RECTUM	-	-	+	+	-	-	-	-	-	-
- PARASITE	.	.	2.	1.	.	.	.	.	.	.
SCIATIC NERVE, LEFT	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, CERVIC.	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, LUMBAR	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, THORAC.	-	-	-	-	-	-	-	-	-	-
SPLEEN	-	-	-	+	-	+	+	+	+	+
- EXMED. HEMATOPOIESIS	.	.	.	1.	.	.	1.	1.	1.	1.
- HISTIOCYTIC RETICUL.	.	.	.	.	.	2.	.	.	.	.
STOMACH	-	-	-	-	-	-	-	-	-	-
THYMUS	+	+	-	-	+	-	+	+	+G	-
- ATROPHY	.	.	.	.	.	.	.	.	1.	.
- HEMORRHAGE	.	.	.	.	.	.	.	.	2.	.
- HYPERPLAS.EPITHELIAL	1.	1.	.	.	.	.	2.	1.	1.	.
- PHAGOCYTIC CELLS	.	.	.	.	1.	.	.	.	.	.
THYROID GLAND	-	-	+	+	-	+	-	+	-	-
- ACCESSORY THYMUS	.	.	.	.	.	P.	.	.	.	.
- HYPERTROPHY FOLLIC.	.	.	.	1.	.	.	.	1.	.	.
- METAPLASIA SQUAMOUS	.	.	1.	.	.	.	.	.	.	.

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INDIVIDUAL ANIMAL DATA RCC : 851639

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 01, 0 MG/KG

ANIMAL NUMBER :

	81	82	83	84	85	86	87	88	89	90
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
TRACHEA	-	-	-	-	+	-	-	+	-	+
- DILATATION GLANDULAR	.	.	.	.	1.	.	.	1.	.	1.
URINARY BLADDER	-	-	-	-	-	-	-	-	-	-
UTERUS	+	+	+	+	+	+	+	+	+	+
- DIESTRUS	P.	.	.	.	P.	P.	.	P.	P.	.
- ESTRUS	.	.	.	P.	.	.	.	.	.	.
- METESTRUS	.	P.	.	.	.	.	P.	.	.	P.
- PROESTRUS	.	.	P.	.	.	.	.	.	.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 02, 100 MG/KG

ANIMAL NUMBER :	11	12	13	14	15	16	17	18	19	20
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	-	-	+	-	-	+	+	+	+	+
- CHANGE FATTY CORT.	.	.	1.	.	.	1.	2.	1.	2.	2.
ADRENAL MEDULLAS	-	-	-	-	-	-	-	-	-	-
KIDNEYS	+	+	+	+	-	+	+	-	+	+
- BASOPHILIA TUBULAR	.	(1.	(1.	(2.	.	.	(1.	.	.	.
- CHANGE HYALINE	2.	2.	3.	2.	.	1.	2.	.	2.	3.
- CYST	(3.	.	.	.	.	.	.	.	.	.
- DILAT. TUBULAR CYST.	(2.	.	.	.	.	.	.	.	.	.
- DILATATION PELVIC	(2.	.	.	.	.	(1.	3.	.	.	2.
- HYPERPLAS. TUBULAR	1.	.	.	.	.	.	.	.	.	.
- INFILT. INFLAM. CELL	(2.	.	.	.	.	.	.	.	.	.
SPLEEN	-	+	-	+	+	-	-	-	-	+
- EXMED. HEMATOPOIESIS	.	1.	.	1.	1.	.	.	.	.	1.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 02, 100 MG/KG

ANIMAL NUMBER :

	91	92	93	94	95	96	97	98	99	100
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
KIDNEYS	+	+	-	-	-	-	-	-	+	-
- DILATATION PELVIC	.	2.	.	.	.	.	.	.	.	.
- MINERALIZ.CORTICOMED (	1.	.	.	.	.	.	.	.	2.	.
THYMUS	'	'	'	'	'	+G	'	'	'	'
- HEMORRHAGE						1.				

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 03, 500 MG/KG

ANIMAL NUMBER :	21	22	23	24	25	26	27	28	29	30
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0
ADRENAL GLANDS	+	+	+	+	-	+	+	-	+	-
- CHANGE FATTY CORT.	1.	1.	1.	2.	.	3.	1.	.	2.	.
ADRENAL MEDULLAS	-	-	-	-	-	-	-	-	-	-
KIDNEYS	+	+	+	+	+	+	+	+	+	+
- BASOPHILIA TUBULAR	.	(2.	(2.	(1.	.	.	(1.	.	.	.
- CAST TUBULAR	.	.	.	.	.	.	.	.	(2.	.
- CHANGE HYALINE	2.	2.	3.	.	1.	.	.	1.	1.	.
- DILATATION PELVIC	(1.	1.	.	.	(1.	2.	2.	2.	.	3.
- HYPERPLAS.TRANSIT.CE	(1.	(1.	(1.	(2.	.	(3.	(1.	.	2.	1.
- INFILT. INFLAM. CELL	.	.	.	.	.	.	(1.	.	.	.
- LESION TUBULAR CHRO.	1.	.	.	.	2.	3.	.	3.	(2.	3.
- PYELONEPHRITIS ACUTE	.	.	.	.	(2.	.	.	(1.	(1.	.
SPLEEN	-	+	-	-	+	+	-	-	-	-
- EXMED. HEMATOPOIESIS	.	1.	.	.	1.	1.	.	.	.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 03, 500 MG/KG

ANIMAL NUMBER :

	101	102	103	104	105	106	107	108	109	110
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0+	FK0	FK0
GENERAL OBSERVATIONS								:G		
ADRENAL GLANDS								:		
ADRENAL MEDULLAS								:		
BONE MARROW, FEMUR								:		
BRAIN								:		
COLON								:		
DUODENUM								:		
FORESTOMACH								:		
GLANDULAR STOMACH								:		
HEART								:		
ILEUM								:		
JEJUNUM								:		
KIDNEYS	+	-	+	+	+	+	-	:	+G	+
- ATROPHY TUBULAR	.	.	.	.	.	(1.	.		.	.
- BASOPHILIA TUBULAR	(1.	.	(1.	.	.	.	.		.	.
- DILAT. TUBULAR CYST.	.	.	.	.	.	.	.		(1.	.
- DILATATION PELVIC	.	.	(3.	.	.	.	.		(3.	2.
- HYPERPLAS.TRANSIT.CE	.	.	(1.	(1.	(2.	.	.		(1.	1.
- INFILT. INFLAM. CELL	.	.	.	(1.	.	.	.		.	.
- MINERALIZ.CORTICOMED	(1.	.	.	.	.	.	.		.	.
LIVER								:		
LUNG								:		
MANDIB.LYMPH NODES								:		

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 03, 500 MG/KG

ANIMAL NUMBER :	101	102	103	104	105	106	107	108	109	110
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0+	FK0	FK0
MESENT. LYMPH NODE	'	'	'	'	'	'	'	:	'	'
OVARIES	'	'	'	'	'	'	'	:	'	'
PARATHYROID GLANDS	'	'	'	'	'	'	'	:	'	'
PEYERS PATCHES ILEUM	'	'	'	'	'	'	'	:	'	'
PEYERS PATCHES JEJ.	'	'	'	'	'	'	'	:	'	'
RECTUM	'	'	'	'	'	'	'	:	'	'
SCIATIC NERVE, LEFT	'	'	'	'	'	'	'	:	'	'
SPINAL CORD, CERVIC.	'	'	'	'	'	'	'	:	'	'
SPINAL CORD, LUMBAR	'	'	'	'	'	'	'	:	'	'
SPINAL CORD, THORAC.	'	'	'	'	'	'	'	:	'	'
SPLEEN	'	'	'	'	'	'	'	:	'	'
STOMACH	'	'	'	'	'	'	'	:	'	'
THYMUS	'	'	'	'	'	'	'	:	'	'
THYROID GLAND	'	'	'	'	'	'	'	:	'	'
TRACHEA	'	'	'	'	'	'	'	:	'	'
URINARY BLADDER	'	'	'	'	'	'	'	:	'	'
UTERUS	'	'	'	'	'	'	'	:	'	'

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 04, 1000 MG/KG

ANIMAL NUMBER :	31	32	33	34	35	36	37	38	39	40
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0+	MK0
ADRENAL GLANDS	+	-	+	+	+	+	+	-	+	+
- CHANGE FATTY CORT.	2.	.	2.	1.	3.	2.	3.	.	2.	2.
ADRENAL MEDULLAS	-	-	-	-	-	-	-	-	-	-
BONE MARROW, FEMUR	-	+	-	-	+	+	+	-	+	+
- ATROPHY FATTY	.	1.	.	.	1.	1.	2.	.	1.	2.
BRAIN	-	-	-	-	-	-	-	-	-	-
COAGULATING GLANDS	-	-	-	-	-	-	-	-	-	-
COLON	-	-	-	-	-	-	-	-	-	-
DUODENUM	-	-	-	-	-	-	-	-	-	-
EPIDIDYMIDES	-	-	-	-	-	-	-	-	-	-
FORESTOMACH	-	-	-	-	-	-	-	-	-	-
GLANDULAR STOMACH	-	-	-	-	-	-	-	-	-	-
HEART	-	-	+	-	-	-	-	+	-	-
- INFILT. LYMPHOHIST.	.	.	1.	.	.	.	.	1.	.	.
ILEUM	-	-	-	-	-	-	-	-	-	-
JEJUNUM	-	-	-	-	-	-	-	-	A	-

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 04, 1000 MG/KG

ANIMAL NUMBER :	31	32	33	34	35	36	37	38	39	40
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0+	MK0
KIDNEYS	+	+G	+	+G	+	+	+	+G	+	+
- ATROPHY TUBULAR	(1.	.	.	.	.	.	.	.	.	.
- BASOPHILIA TUBULAR	2.	.	.	.	.	.	(1.	.	(1.	.
- CHANGE HYALINE	2.	.	.	.	.	1.	2.	2.	.	2.
- DILATATION PELVIC	2.	3.	3.	3.	2.	1.	.	3.	(1.	2.
- HYPERPLAS.TRANSIT.CE	.	1.	1.	2.	.	1.	.	(1.	.	.
- INFILT. INFLAM. CELL	.	.	.	2.	.	.	.	.	.	.
- INFILT. LYMPHOCYTIC	.	.	.	.	(1.	.	.	.	.	.
- LESION TUBULAR CHRO.	.	3.	1.	3.	2.	2.	(2.	3.	.	(2.
- NECROSIS TUBULAR	.	.	.	.	.	.	.	.	3.	.
- PYELONEPHRITIS ACUTE	.	.	.	.	(1.	.	.	2.	.	.
LIVER	+	-	+	+	+	+	+	+	+G	-
- DEPOS. OF GLYCOGEN	.	.	.	.	.	.	.	.	3.	.
- INFILT. LYMPHOHIST.	1.	.	1.	2.	1.	2.	1.	1.	.	.
LUNG	-	-	-	-	-	-	-	-	+G	+
- CONGESTION	.	.	.	.	.	.	.	.	3.	.
- EDEMA ALVEOLAR	.	.	.	.	.	.	.	.	2.	.
- HYPERPLAS. LYMPHOID	.	.	.	.	.	.	.	.	.	1.
MANDIB.LYMPH NODES	-	-	-	-	-	-	-	-	+G	-
- CONGESTION	.	.	.	.	.	.	.	.	2.	.
MESENT. LYMPH NODE	-	-	-	-	-	+	-	-	-	-
- HYPERPLAS. LYMPHOID	.	.	.	.	.	1.	.	.	.	.
PARATHYROID GLANDS	-	0	-	0	-	-	-	-	0	0
PEYERS PATCHES ILEUM	-	-	-	-	-	-	-	-	-	-
PEYERS PATCHES JEJ.	+	-	-	-	-	-	-	-	A	-
- MINERALIZATION	1.	.	.	.	.	.	.	.	.	.
PROSTATE GLAND	-	-	-	-	-	-	-	-	-	-
RECTUM	-	-	-	-	-	-	+	-	-	-
- PARASITE	.	.	.	.	.	.	1.	.	.	.

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INDIVIDUAL ANIMAL DATA RCC : 851639

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 04, 1000 MG/KG

ANIMAL NUMBER :	31	32	33	34	35	36	37	38	39	40
	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0	MK0+	MK0
SCIATIC NERVE, LEFT	-	-	-	-	-	-	-	+	-	-
- DEGENERATION FIBRES	.	.	.	.	.	.	.	1.	.	.
SEMINAL VESICLES	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, CERVIC.	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, LUMBAR	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, THORAC.	-	-	-	-	-	-	-	-	-	-
SPLEEN	+	+	+	-	+	-	-	+	+	+
- CONGESTION	.	.	.	.	.	.	.	.	3.	.
- EXMED. HEMATOPOIESIS	1.	2.	1.	.	2.	.	.	1.	3.	1.
STOMACH	-	-	-	-	-	-	-	-	-	-
TESTES	-	+	+	+	-	-	+	-	-	-
- ATROPHY TUBULAR	.	(1.	(1.	1.	.	.	(1.	.	.	.
THYMUS	-	+	-	-	-	-	-	+	+	-
- CONGESTION	.	.	.	.	.	.	.	.	2.	.
- HEMORRHAGE	.	1.	.	.	.	.	.	1.	2.	.
THYROID GLAND	-	-	+	+	+	-	+	+	+	-
- CONGESTION	.	.	.	.	.	.	.	.	3.	.
- HYPERTROPHY FOLLIC.	.	.	1.	.	1.	.	1.	1.	.	.
- INFL. WITH FIBROSIS	.	.	.	2.	.	.	.	.	.	.
- METAPLASIA SQUAMOUS	.	.	.	2.	.	.	.	.	.	.
TRACHEA	-	-	-	+	+	+	+	-	-	+
- DILATATION GLANDULAR	.	.	.	1.	1.	2.	2.	.	.	1.
URINARY BLADDER	-	-	-	-	-	-	-	-	+	-
- PRECIPITATE	.	.	.	.	.	.	.	.	2.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 04, 1000 MG/KG

ANIMAL NUMBER :	111	112	113	114	115	116	117	118	119	120
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
ADRENAL GLANDS	-	-	-	-	-	-	-	-	-	+
- CHANGE FATTY CORT.	.	.	.	.	.	.	.	.	.	1.
ADRENAL MEDULLAS	-	-	-	-	-	-	-	-	-	-
BONE MARROW, FEMUR	-	-	+	-	+	+	-	-	-	-
- ATROPHY FATTY	.	.	1.	.	1.	1.	.	.	.	.
BRAIN	-	-	-	-	-	-	-	-	-	-
COLON	-	-	-	-	-	-	-	-	-	-
DUODENUM	-	-	-	-	-	-	-	-	-	-
FORESTOMACH	-	-	-	-	-	-	-	-	-	-
GLANDULAR STOMACH	-	-	-	-	-	-	-	-	-	-
HEART	-	-	-	-	-	-	-	-	-	-
ILEUM	-	-	-	-	-	-	-	-	-	-
JEJUNUM	-	-	-	-	-	-	-	-	-	-
KIDNEYS	+	+	+	+	+G	+	+G	+	+G	+
- BASOPHILIA TUBULAR	.	.	.	.	.	.	.	.	.	(2.
- DILATATION PELVIC	2.	.	.	.	.	.	2.	2.	3.	.
- HYPERPLAS.TRANSIT.CE	.	2.	.	(1.	.	2.	.	2.	1.	(1.
- LESION TUBULAR CHRO.	2*	(1.	2.	.	2.	1.	(1.	3*	2.	.
- MINERALIZ.CORTICOMED	.	(1.	.	.	.	.	(2.	.	.	.
- PYELONEPHRITIS ACUTE	.	.	(2.	.	1.	(1.	.	.	.	.
- SWELLING TUBULAR	.	.	2.	2.	.	.	.	.	.	.
LIVER	+	+	-	+	+	+	-	-	+	-
- CHANGE FATTY	2.	1.	.	2.	2.	2.	.	.	.	.
- INFILT. LYMPHOHIST.	.	.	.	.	.	.	.	.	2.	.
LUNG	-	-	-	-	-	+	-	-	-	-
- HYPERPLAS. LYMPHOID	.	.	.	.	.	1.	.	.	.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 04, 1000 MG/KG

ANIMAL NUMBER :	111	112	113	114	115	116	117	118	119	120
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
MANDIB.LYMPH NODES	-	-	-	+	-	-	+	-	-	-
- HYPERPLAS.REACT.CHR.	.	.	.	1.	.	.	1.	.	.	.
MESENT. LYMPH NODE	-	-	-	-	-	-	-	-	-	-
OVARIES	-	-	-	-	-	-	-	-	-	-
PARATHYROID GLANDS	-	0	-	-	0	0	-	0	-	-
PEYERS PATCHES ILEUM	-	-	-	-	-	-	-	-	-	-
PEYERS PATCHES JEJ.	-	-	-	-	-	-	-	-	-	-
RECTUM	+	+	-	-	-	-	-	-	-	-
- PARASITE	1.	1.	.	.	.	.	.	.	.	.
SCIATIC NERVE, LEFT	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, CERVIC.	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, LUMBAR	-	-	-	-	-	-	-	-	-	-
SPINAL CORD, THORAC.	-	-	-	-	-	-	-	-	-	-
SPLEEN	+	+	+	-	-	-	+	+	+	+
- EXMED. HEMATOPOIESIS	1.	1.	.	.	.	.	1.	1.	2.	2.
- HISTIOCYTIC RETICUL.	.	.	2.	.	.	.	.	.	.	.
STOMACH	-	-	-	-	-	-	-	-	-	-
THYMUS	+	-	+	+	-	-	+	+	-	+
- HYPERPLAS.EPITHELIAL	2.	.	1.	1.	.	.	1.	2.	.	1.
THYROID GLAND	-	-	-	-	+	+	-	-	-	-
- HYPERTROPHY FOLLIC.	.	.	.	.	1.	1.	.	.	.	.
TRACHEA	-	-	-	+	+	-	+	-	+	-
- DILATATION GLANDULAR	.	.	.	1.	1.	.	2.	.	1.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TABLE OF INDIVIDUAL MICROSCOPIC FINDINGS (AOFT)
DOSE GROUP : 04, 1000 MG/KG

ANIMAL NUMBER :	111	112	113	114	115	116	117	118	119	120
	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0	FK0
URINARY BLADDER	-	-	-	-	-	-	-	-	-G	-
UTERUS	+	+	+	+	+	+	+	+	+	+
- DIESTRUS	.	.	.	P.	.	.	.	P.	.	P.
- ESTRUS	.	.	.	.	.	.	.	.	P.	.
- METESTRUS	P.	P.	.	.	P.	P.	.	.	.	.
- PROESTRUS	.	.	P.	.	.	.	P.	.	.	.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

ANIMAL HEADING DATA
DOSE GROUP : 01, 0 MG/KG

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY		TEST DAYS	FIRST AND LAST DAY UNDER TEST		DATE OF NECROPSY
1	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
2	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
3	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
4	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
5	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
6	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
7	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
8	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
9	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
10	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
81	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
82	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
83	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
84	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
85	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
86	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
87	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
88	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
89	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
90	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 1

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-PELVIC DILATATION, bilateral, grade 2
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 2
MANDIBULAR LYMPH NODES:
-CHRONIC REACTIVE HYPERPLASIA, bilateral, grade 1
PEYER'S PATCHES (JEJUNUM):
-MINERALIZATION, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
TESTES:
-TUBULAR ATROPHY, unilateral, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 2

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 3
ADRENAL MEDULLAS:
Tissue not present for histologic examination
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
PEYER'S PATCHES (ILEUM):
Tissue not present for histologic examination
THYMUS:
-HEMORRHAGE, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
URINARY BLADDER:
-PRECIPITATE, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 3

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
MESENTERIC LYMPH NODE:
-LYMPHOID HYPERPLASIA, grade 2
TRACHEA:
-GLANDULAR DILATATION, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 4

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-PELVIC DILATATION, bilateral, grade 1
LIVER:
-FATTY CHANGE, grade 1
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

CONT./FF. ANIMAL NO. : 4

TESTES:
-TUBULAR VACUOLATION, bilateral, grade 1
THYMUS:
-HEMORRHAGE, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 5

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 6

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-HYALINE CHANGE, bilateral, grade 3
-PELVIC DILATATION, bilateral, grade 1
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 2
PARATHYROID GLANDS:
Tissue not present for histologic examination
RECTUM:
-PARASITE, grade 1
TESTES:
-TUBULAR ATROPHY, bilateral, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 7

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 1
-PELVIC DILATATION, bilateral, grade 2
TESTES:
-TUBULAR ATROPHY, unilateral, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 8

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

CONT./FF. ANIMAL NO. : 8

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 3
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 1
PARATHYROID GLANDS:
-HYPERPLASIA, bilateral, grade 2
PEYER'S PATCHES (JEJUNUM):
-MINERALIZATION, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
TESTES:
-TUBULAR ATROPHY, bilateral, grade 1
THYMUS:
-PHAGOCYTIC CELLS, grade 2
TRACHEA:
-GLANDULAR DILATATION, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 9

* NECROPSY FINDINGS

THYMUS:
01: FOCUS/FOCI, ISOLATED, DARK RED.
NO OTHER NECROPSY OBSERVATIONS NOTED

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

CONT./FF. ANIMAL NO. : 9

* MICROSCOPIC FINDINGS

BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 3
-PELVIC DILATATION, bilateral, grade 3
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
LUNG:
-HEMORRHAGE, grade 1
MANDIBULAR LYMPH NODES:
-CHRONIC REACTIVE HYPERPLASIA, bilateral, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 2
TESTES:
-TUBULAR ATROPHY, unilateral, grade 1
THYMUS:
-HEMORRHAGE, grade 1
This finding corresponds to necropsy observation no: 01.
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 2
TRACHEA:
-GLANDULAR DILATATION, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 10

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 2
-PELVIC DILATATION, bilateral, grade 2
PEYER'S PATCHES (JEJUNUM):
Tissue not present for histologic examination
THYMUS:
-PHAGOCYTIC CELLS, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 81

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
LIVER:
-FATTY CHANGE, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 82

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-PELVIC DILATATION, bilateral, grade 1

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 82

LIVER:
-FATTY CHANGE, grade 1
PEYER'S PATCHES (JEJUNUM):
Tissue not present for histologic examination
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
UTERUS:
-METESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 83

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
RECTUM:
-PARASITE, grade 2
THYROID GLAND (BOTH LOBES):
-SQUAMOUS CELL METAPLASIA, bilateral, grade 1
UTERUS:
-PROESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 84

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

RECTUM:
-PARASITE, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
UTERUS:
-ESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 85

* NECROPSY FINDINGS

MESENTERIC LYMPH NODE:
01: DISCOLORATION, DARK RED.
NO OTHER NECROPSY OBSERVATIONS NOTED

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 85

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
-TUBULAR SWELLING, bilateral, grade 2
LIVER:
-FATTY CHANGE, grade 1
MESENTERIC LYMPH NODE:
-CONGESTION, grade 2
This finding corresponds to necropsy observation no: 01.
THYMUS:
-PHAGOCYTIC CELLS, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: KO
DAYS ON TEST : 28 * ANIMAL NO. : 86

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 86

* MICROSCOPIC FINDINGS

LIVER:
-FATTY CHANGE, grade 1
PEYER'S PATCHES (JEJUNUM):
Tissue not present for histologic examination
SPLEEN:
-HISTICYTIC SINUS RETICULOSIS, grade 2
THYROID GLAND (BOTH LOBES):
-ACCESSORY THYMUS, bilateral
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 87

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, unilateral, grade 2
PARATHYROID GLANDS:
Tissue not present for histologic examination
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 2

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 87

UTERUS:
-METESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 88

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-CORTICOMEDULLARY MINERALIZATION, bilateral, grade 1
LIVER:
-FATTY CHANGE, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 89

* NECROPSY FINDINGS

THYMUS:
01: DISCOLORATION, REDDISH.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

LIVER:
-FATTY CHANGE, grade 2
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYMUS:
-ATROPHY, grade 1
-HEMORRHAGE, grade 2
This finding corresponds to necropsy observation no: 01.
-EPITHELIAL HYPERPLASIA, grade 1
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 90

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

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INDIVIDUAL ANIMAL DATA RCC : 851639

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 01, 0 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 90

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* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, unilateral, grade 1
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
UTERUS:
-METESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

ANIMAL HEADING DATA
DOSE GROUP : 02, 100 MG/KG

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY		TEST DAYS	FIRST AND LAST DAY UNDER TEST		DATE OF NECROPSY
11	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
12	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
13	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
14	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
15	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
16	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
17	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
18	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
19	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
20	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
91	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
92	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
93	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
94	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
95	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
96	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
97	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
98	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
99	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
100	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 11

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-HYALINE CHANGE, bilateral, grade 2
-CYST, unilateral, grade 3
-CYSTIC TUBULAR DILATATION, unilateral, grade 2
-PELVIC DILATATION, unilateral, grade 2
-TUBULAR HAYPERPLASIA, bilateral, grade 1
-INFLAMMATORY CELL INFILTRATION, unilateral, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 12

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-HYALINE CHANGE, bilateral, grade 2
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

PATHOLOGY REPORT
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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 13

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-HYALINE CHANGE, bilateral, grade 3
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 14

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 2
-HYALINE CHANGE, bilateral, grade 2
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

PATHOLOGY REPORT
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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 15

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 16

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 1
-PELVIC DILATATION, unilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

PATHOLOGY REPORT
INDIVIDUAL ANIMAL DATA

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 17

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-HYALINE CHANGE, bilateral, grade 2
-PELVIC DILATATION, bilateral, grade 3
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 18

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

PATHOLOGY REPORT
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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 19

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 20

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
ADRENAL MEDULLAS:
Organ examined, no pathologic findings noted
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 3
-PELVIC DILATATION, bilateral, grade 2

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG MALE

CONT./FF. ANIMAL NO. : 20

SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 91

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-CORTICOMEDULLARY MINERALIZATION, unilateral, grade 1

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 92

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 93

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 94

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 95

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 96

* NECROPSY FINDINGS

THYMUS:
01: FOCUS/FOCI, MANY, D=1 MM, DARK RED.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted
THYMUS:
-HEMORRHAGE, grade 1
This finding corresponds to necropsy observation no: 01.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 97

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 98

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 02, 100 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 99

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-CORTICOMEDULLARY MINERALIZATION, bilateral, grade 2

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 100

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

PATHOLOGY REPORT
INDIVIDUAL ANIMAL DATA

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

ANIMAL HEADING DATA
DOSE GROUP : 03, 500 MG/KG

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY		TEST DAYS	FIRST AND LAST DAY UNDER TEST		DATE OF NECROPSY
21	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
22	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
23	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
24	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
25	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
26	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
27	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
28	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
29	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
30	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
101	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
102	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
103	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
104	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
105	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
106	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
107	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
108	F	K0	+1	8	20-SEP-04	27-SEP-04	28-SEP-04
109	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
110	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 21

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 2
-PELVIC DILATATION, unilateral, grade 1
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 22

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
ADRENAL MEDULLAS:
Organ examined, no pathologic findings noted

PATHOLOGY REPORT
INDIVIDUAL ANIMAL DATA

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

MALE

CONT./FF. ANIMAL NO. : 22

KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 2
-HYALINE CHANGE, bilateral, grade 2
-PELVIC DILATATION, bilateral, grade 1
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 23

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 2
-HYALINE CHANGE, bilateral, grade 3
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

PATHOLOGY REPORT
INDIVIDUAL ANIMAL DATA

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 24

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 25

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-HYALINE CHANGE, bilateral, grade 1
-PELVIC DILATATION, unilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 2
-ACUTE PYELONEPHRITIS, unilateral, grade 2
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 26

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 3
ADRENAL MEDULLAS:
Organ examined, no pathologic findings noted
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 3
-CHRONIC TUBULAR LESION, bilateral, grade 3
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 27

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

MALE

CONT./FF. ANIMAL NO. : 27

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-PELVIC DILATATION, bilateral, grade 2
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
-INFLAMMATORY CELL INFILTRATION, unilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 28

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-HYALINE CHANGE, bilateral, grade 1
-PELVIC DILATATION, bilateral, grade 2
-CHRONIC TUBULAR LESION, FOCAL, bilateral, grade 3
-ACUTE PYELONEPHRITIS, unilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 29

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
KIDNEYS:
-TUBULAR CAST, unilateral, grade 2
-HYALINE CHANGE, bilateral, grade 1
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 2
-CHRONIC TUBULAR LESION, unilateral, grade 2
-ACUTE PYELONEPHRITIS, unilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 30

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 3
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 3

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

MALE

CONT./FF. ANIMAL NO. : 30

ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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DATE : 25-OCT-05
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 101

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-CORTICOMEDULLARY MINERALIZATION, unilateral, grade 1

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 102

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 103

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-PELVIC DILATATION, unilateral, grade 3
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 104

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
-INFLAMMATORY CELL INFILTRATION, unilateral, grade 1

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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DATE : 25-OCT-05
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 105

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 2

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 106

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TUBULAR ATROPHY, unilateral, grade 1

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 107

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
Organ examined, no pathologic findings noted

---

* STATE AT NECROPSY: K0/+1
DAYS ON TEST : 8

* ANIMAL NO. : 108

* NECROPSY FINDINGS

GENERAL OBSERVATIONS:
01: NO ORGANS FIXED. ANIMAL FREEZE..
NO OTHER NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

GENERAL OBSERVATIONS:
CONSIDERED BY STUDY PATHOLOGIST
NO TISSUES AVAILABLE FOR EXAMINATION.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 03, 500 MG/KG FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 109

* NECROPSY FINDINGS

KIDNEYS:
01: LEFT SIDE: PELVIC DILATION.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

KIDNEYS:
-CYSTIC TUBULAR DILATATION, unilateral, grade 1
-PELVIC DILATATION, unilateral, grade 3
This finding corresponds to necropsy observation no: 01.
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 110

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 1

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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DATE : 25-OCT-05
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ANIMAL HEADING DATA
DOSE GROUP : 04, 1000 MG/KG

ANIMAL NUMBER	SEX M/F	DEFINED AND FINAL STATE OF NECROPSY		TEST DAYS	FIRST AND LAST DAY UNDER TEST		DATE OF NECROPSY
31	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
32	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
33	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
34	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
35	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
36	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
37	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
38	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
39	M	K0	+1	3	20-SEP-04	22-SEP-04	24-SEP-04
40	M	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
111	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
112	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
113	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
114	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
115	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
116	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
117	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
118	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
119	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04
120	F	K0	K0	28	20-SEP-04	17-OCT-04	18-OCT-04

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TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28
* ANIMAL NO. : 31

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
KIDNEYS:
-TUBULAR ATROPHY, unilateral, grade 1
-TUBULAR BASOPHILIA, bilateral, grade 2
-HYALINE CHANGE, bilateral, grade 2
-PELVIC DILATATION, bilateral, grade 2
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
PEYER'S PATCHES (JEJUNUM):
-MINERALIZATION, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

---

* STATE AT NECROPSY: K0
DAYS ON TEST : 28
* ANIMAL NO. : 32

* NECROPSY FINDINGS

KIDNEYS:
01: RIGHT SIDE: PELVIC DILATION.
NO OTHER NECROPSY OBSERVATIONS NOTED

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
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SPONSOR : SEHSC

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DATE : 25-OCT-05
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

CONT./FF. ANIMAL NO. : 32

* MICROSCOPIC FINDINGS

BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 3
This finding corresponds to necropsy observation no: 01.
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 3
PARATHYROID GLANDS:
Tissue not present for histologic examination
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 2
TESTES:
-TUBULAR ATROPHY, unilateral, grade 1
THYMUS:
-HEMORRHAGE, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 33

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

CONT./FF. ANIMAL NO. : 33

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
HEART:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 3
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 1
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
TESTES:
-TUBULAR ATROPHY, unilateral, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 34

* NECROPSY FINDINGS

KIDNEYS:
01: LEFT SIDE: PELVIC DILATION.
02: LEFT SIDE: DISCOLORATION, TAN.
NO OTHER NECROPSY OBSERVATIONS NOTED

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

CONT./FF. ANIMAL NO. : 34

.....

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 3
This finding corresponds to necropsy observation no: 01.
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 2
-INFLAMMATORY CELL INFILTRATION, bilateral, grade 2
-CHRONIC TUBULAR LESION, bilateral, grade 3
This finding corresponds to necropsy observation no: 02.
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 2
PARATHYROID GLANDS:
Tissue not present for histologic examination
TESTES:
-TUBULAR ATROPHY, bilateral, grade 1
THYROID GLAND (BOTH LOBES):
-INFLAMMATION WITH FIBROSIS, bilateral, grade 2
-SQUAMOUS CELL METAPLASIA, bilateral, grade 2
TRACHEA:
-GLANDULAR DILATATION, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST SYSTEM : RAT, 28 DAYS, ORAL
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 35

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* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 3
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
-LYMPHOCYTIC INFILTRATION, unilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 2
-ACUTE PYELONEPHRITIS, unilateral, grade 1
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 2
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 36

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 1
-PELVIC DILATATION, bilateral, grade 1
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 2
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 2
MESENTERIC LYMPH NODE:
-LYMPHOID HYPERPLASIA, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 37

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 3
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-HYALINE CHANGE, bilateral, grade 2
-CHRONIC TUBULAR LESION, unilateral, grade 2
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
RECTUM:
-PARASITE, grade 1
TESTES:
-TUBULAR ATROPHY, unilateral, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG MALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 38

.....

* NECROPSY FINDINGS

KIDNEYS:
01: BOTH SIDES: FOCUS/FOCI, D=5 MM, ISOLATED, TAN.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

HEART:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 2
-PELVIC DILATATION, bilateral, grade 3
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 3
This finding corresponds to necropsy observation no: 01.
-ACUTE PYELONEPHRITIS, bilateral, grade 2
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 1
SCIATIC NERVE (LEFT):
-DEGENERATION NERVE FIBRES, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYMUS:
-HEMORRHAGE, grade 1
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG MALE

* STATE AT NECROPSY: K0/+1
DAYS ON TEST : 3 * ANIMAL NO. : 39

.....

* NECROPSY FINDINGS

LIVER:
01: THICKENED.
LUNG:
01: INCOMPLETELY COLLAPSED.
02: DISCOLORATION, DARK RED.
MANDIBULAR LYMPH NODES:
01: DISCOLORATION, DARK RED.
NO OTHER NECROPSY OBSERVATIONS NOTED

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
JEJUNUM:
Severe autolysis, evaluation not possible
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 1
-PELVIC DILATATION, unilateral, grade 1
-TUBULAR NECROSIS, bilateral, grade 3
LIVER:
-DEPOSITION OF GLYCOGEN, grade 3
This finding corresponds to necropsy observation no: 01.
LUNG:
-CONGESTION, grade 3
This finding corresponds to necropsy observation no: 02.
-ALVEOLAR EDEMA, grade 2
This finding corresponds to necropsy observation no: 01.
MANDIBULAR LYMPH NODES:
-CONGESTION, bilateral, grade 2
This finding corresponds to necropsy observation no: 01.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

CONT./FF. ANIMAL NO. : 39

PARATHYROID GLANDS:
Tissue not present for histologic examination
PEYER'S PATCHES (JEJUNUM):
Severe autolysis, evaluation not possible
SPLEEN:
-CONGESTION, grade 3
-EXTRAMEDULLARY HEMATOPOIESIS, grade 3
THYMUS:
-CONGESTION, grade 2
-HEMORRHAGE, grade 2
THYROID GLAND (BOTH LOBES):
-CONGESTION, bilateral, grade 3
URINARY BLADDER:
-PRECIPITATE, grade 2
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 40

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 2
BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 2
KIDNEYS:
-HYALINE CHANGE, bilateral, grade 2
-PELVIC DILATATION, bilateral, grade 2

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

MALE

CONT./FF. ANIMAL NO. : 40

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-CHRONIC TUBULAR LESION, unilateral, grade 2
LUNG:
-LYMPHOID HYPERPLASIA, grade 1
PARATHYROID GLANDS:
Tissue not present for histologic examination
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE
TEST SYSTEM : RAT, 28 DAYS, ORAL
SPONSOR : SEHSC

PATHOL. NO.: 50064 SPH
DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 111

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* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
-CHRONIC TUBULAR LESION, FOCAL, bilateral, grade 2
WITH MODERATE FOCAL TUBULAR DILATATION
LIVER:
-FATTY CHANGE, grade 2
RECTUM:
-PARASITE, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 2
UTERUS:
-METESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST SYSTEM : RAT, 28 DAYS, ORAL
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DATE : 25-OCT-05
PathData®System V6.2b5

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 112

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* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

KIDNEYS:
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 2
-CHRONIC TUBULAR LESION, unilateral, grade 1
-CORTICOMEDULLARY MINERALIZATION, unilateral, grade 1
LIVER:
-FATTY CHANGE, grade 1
PARATHYROID GLANDS:
Tissue not present for histologic examination
RECTUM:
-PARASITE, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
UTERUS:
-METESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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TEST SYSTEM : RAT, 28 DAYS, ORAL
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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

FEMALE

* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 113

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* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

* MICROSCOPIC FINDINGS

BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
KIDNEYS:
-CHRONIC TUBULAR LESION, bilateral, grade 2
-ACUTE PYELONEPHRITIS, unilateral, grade 2
-TUBULAR SWELLING, bilateral, grade 2
SPLEEN:
-HISTICYTIC SINUS RETICULOSIS, grade 2
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
UTERUS:
-PROESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 114

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* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

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TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG

FEMALE

CONT./FF. ANIMAL NO. : 114

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* MICROSCOPIC FINDINGS

KIDNEYS:
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
-TUBULAR SWELLING, bilateral, grade 2
LIVER:
-FATTY CHANGE, grade 2
MANDIBULAR LYMPH NODES:
-CHRONIC REACTIVE HYPERPLASIA, bilateral, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

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* STATE AT NECROPSY: K0
DAYS ON TEST : 28

* ANIMAL NO. : 115

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* NECROPSY FINDINGS

KIDNEYS:
01: RIGHT SIDE: FOCUS/FOCI, D=3 MM, TAN.
NO OTHER NECROPSY OBSERVATIONS NOTED

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
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SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 115

* MICROSCOPIC FINDINGS

BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
KIDNEYS:
-CHRONIC TUBULAR LESION, bilateral, grade 2
This finding corresponds to necropsy observation no: 01.
-ACUTE PYELONEPHRITIS, bilateral, grade 1
LIVER:
-FATTY CHANGE, grade 2
PARATHYROID GLANDS:
Tissue not present for histologic examination
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 1
UTERUS:
-METESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 116

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 116

* MICROSCOPIC FINDINGS

BONE MARROW (FEMUR):
-FATYY ATROPHY, grade 1
KIDNEYS:
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 2
-CHRONIC TUBULAR LESION, bilateral, grade 1
-ACUTE PYELONEPHRITIS, unilateral, grade 1
LIVER:
-FATTY CHANGE, grade 2
LUNG:
-LYMPHOID HYPERPLASIA, grade 1
PARATHYROID GLANDS:
Tissue not present for histologic examination
THYROID GLAND (BOTH LOBES):
-FOLLICULAR CELL HYPERTROPHY, bilateral, grade 1
UTERUS:
-METESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 117

* NECROPSY FINDINGS

KIDNEYS:
01: RIGHT SIDE: FOCUS/FOCI, D=3 MM, TAN.
NO OTHER NECROPSY OBSERVATIONS NOTED

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
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SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 117

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
-CHRONIC TUBULAR LESION, unilateral, grade 1
This finding corresponds to necropsy observation no: 01.
-CORTICOMEDULLARY MINERALIZATION, unilateral, grade 2
MANDIBULAR LYMPH NODES:
-CHRONIC REACTIVE HYPERPLASIA, bilateral, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
TRACHEA:
-GLANDULAR DILATATION, grade 2
UTERUS:
-PROESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 118

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
TEST SYSTEM : RAT, 28 DAYS, ORAL *DATE* : 25-OCT-05
SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 118

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 2
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 2
-CHRONIC TUBULAR LESION, bilateral, grade 3
WITH SLIGHT UNILATERAL TUBULAR DILATATION
UI
PARATHYROID GLANDS:
Tissue not present for histologic examination
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 1
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 2
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 119

* NECROPSY FINDINGS

KIDNEYS:
01: BOTH SIDES: PELVIC DILATION.
URINARY BLADDER:
01: CONTAINS MILKY-CLOUDY FLUID.
NO OTHER NECROPSY OBSERVATIONS NOTED

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
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SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 119

* MICROSCOPIC FINDINGS

KIDNEYS:
-PELVIC DILATATION, bilateral, grade 3
This finding corresponds to necropsy observation no: 01.
-TRANSITIONAL CELL HYPERPLASIA, bilateral, grade 1
-CHRONIC TUBULAR LESION, bilateral, grade 2
LIVER:
-LYMPHOHISTIOCYTIC INFILTRATION, grade 2
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 2
TRACHEA:
-GLANDULAR DILATATION, grade 1
URINARY BLADDER:
Nothing abnormal discovered corresponding to necropsy observation no.01.
UTERUS:
-ESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.

* STATE AT NECROPSY: K0
DAYS ON TEST : 28 * ANIMAL NO. : 120

* NECROPSY FINDINGS

NO NECROPSY OBSERVATIONS NOTED.

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TEST ARTICLE : 3-(TRIETHOXYSILYL)-PROPANENITRILE *PATHOL. NO.*: 50064 SPH
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SPONSOR : SEHSC *PathData®System V6.2b5*

TEXT OF GROSS AND MICROSCOPIC FINDINGS
DOSE GROUP : 04, 1000 MG/KG FEMALE

CONT./FF. ANIMAL NO. : 120

* MICROSCOPIC FINDINGS

ADRENAL GLANDS:
-CORTICAL FATTY CHANGE, bilateral, grade 1
KIDNEYS:
-TUBULAR BASOPHILIA, unilateral, grade 2
-TRANSITIONAL CELL HYPERPLASIA, unilateral, grade 1
SPLEEN:
-EXTRAMEDULLARY HEMATOPOIESIS, grade 2
THYMUS:
-EPITHELIAL HYPERPLASIA, grade 1
UTERUS:
-DIESTRUS
ALL OTHER PROTOCOL TISSUES WITHOUT PATHOLOGIC FINDINGS.