Halogenated Solvents Industry Alliance;

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

VOLUME II OF IV

<u>Data Requirement</u> - Guideline Ref. 83-4

Study Completion Date - 2 7 JUN 1995

<u>Performing Laboratory</u> - Zeneca Central Toxicology Laboratory Alderley Park, Macclesfield, Cheshire, UK

Laboratory Project ID - Report No : CTL/P/4097

Study Nos : RR0580/F0

RR0580/F1

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ZENECA CENTRAL TOXICOLOGY LABORATORY ALDERLEY PARK MACCLESFIELD CHESHIRE UK

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CTL Study Nos: RR0580/F0 RR0580/F1

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

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VOLUME II OF IV

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Approved for Issue: G A Wickramaratne

Product Toxicologist

Date of Issue: 2 7 JUN 1995

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT INDIVIDUAL ANIMAL DATA SUPPLEMENT

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INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

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INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

18

REMOVAL	REASON:	INTERCURRENT
DOSE LEX	/FI . ?	0 :

0 SEX: MALE

KIDNEY + Unilateral hydronephrosis 2

LIVER ... N

ORAL CAVITY + Malocclusion (macroscopic observation) X

Palatine fistula (macroscopic observation) X

KEY: MORPHOLOGY SEVERITY

. NOT RECORDED 1 minimal

. NOT RECORDED 1 minimal
N N.A.D. 2 slight
O MISSING 3 moderate
+ MORPHOLOGY PRESENT 4 marked

X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

DEMONTAT	DEACON.	דאוייהים ביו וסס ביאייי
RIM IVAL.	REASING	TMARKETISSHMIT

DOSE LEVEL: 10 ppm	O SEX:	FEMALE	7 3
KIDNEY Intratubular micro Pelvic urolithiasi	lithiasis	• • • • • • • • • • • • • • • • • • • •	1

KEY:

MORPHOLOGY SEVERITY

1 minimal 2 slight 3 moderate 4 marked . NOT RECORDED N N.A.D. O MISSING + MORPHOLOGY PRESENT X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON	: INTERCURREN	T		
DOSE LEVEL: pp	300 m	SEX:	MALE	1 1 6

KEY:

MORPHOLOGY SEVERITY

NOT RECORDED 1 minimal
N N.A.D. 2 slight
O MISSING 3 moderate
H MORPHOLOGY PRESENT 4 marked
X NO SEVERITY

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PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: INTERCURRENT

DOSE LEVEL: 1000 ppm	SEX: FEMALE	1 1 7 7 4 5
CERVIX	•••••	N.
KIDNEY Intratubular microlithiasis	•••••	+ + 2 1
LIVER Hepatocyte necrosis	••••••	+ + 2 3
MAMMARY GLAND	*********	NN
OVARY	***********	N N
UTERUS Dystocia (diagnosis based on	macroscopic observations).	+ + X X
VAGINA	•••••	N N

KEY:

MORPHOLOGY SEVERITY

1 minimal 2 slight 3 moderate 4 marked NOT RECORDED N N.A.D. O MISSING + MORPHOLOGY PRESENT X NO SEVERITY

PERCHLOROFTHYLENE: MILTIGENERATION INHALATION STUDY IN THE RAT INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MTCROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL DOSE LEVEL: SEX: MALE ppm EPIDIDYMIS N N . N . N . N ++++NN++++++++++++ Chronic progressive glomerulonephropathy LIVER Hepatitis NN + + NNNNNNNNNN + N + NNN + N + NPROSTATE GLAND, N , N . + . N . N . , + . , .

KEY:

MORPHOLOGY SEVERITY

NOT RECORDED 1 minimal N N.A.D. 2 slight O MISSING 3 moderate MORPHOLOGY PRESENT 4 marked

X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL DOSE LEVEL: 0 SEX: FEMALE ppm CERVIX Transitional epithelial hyperplasia Papillitis Nephroblastoma Surface depression Dilatation collecting ducts LIVER NNNNNNNNNNNNNNNNNN + NNN Hepatitis 1 MAMMARY GLAND OVARY UTERUS

KEY:

MORPHOLOGY SEVERITY

. NOT RECORDED 1 minimal
N N.A.D. 2 slight
O MISSING 3 moderate
+ MORPHOLOGY PRESENT 4 marked

X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MTCROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 100 SEX: MALE

ppm 4 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2

EPIDIDYMIS	N N . N N N . N N	
KIDNEY	+++++++++	
Unilateral hydronephrosis	.121232332.2	. ,
Bilateral hydronephrosis	. , . , , 2	, .
Chronic progressive glamerulonephropathy	1,111,.,.,.,.,.1.,1.1	11
Pelvic urolithiasis	1	
	1 . 2	. .
Transitional epithelial hyperplasia		
Tubular basophilia	, , , , , , , <u>, , , , , , , , , , , , </u>	• •
Tubular dilatation		٠,
PROSTATE GLAND	,, N , N , N , N , N , N , N , N + , , ,	s •
Prostatitis	, . , . , . , , , , 2 ,	
TIOSTACTORS		
SEMINAL VESICLE	N N N N . N N N	
SEMINAL AFORCIE	, , ,, , , , , , , , , , , , , , , , , ,	• •
	AT AT M M M M M M	
TESTIS	• • 14 • • 14 • 14 • • • • 14 • • • 14 • • • •	• •

KEY:

MORPHOLOGY SEVERITY

NOT RECORDED

N N.A.D.

N MISSING

H MORPHOLOGY PRESENT

X NO SEVERITY

I minimal

2 slight

3 moderate

marked

marked

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL		
DOSE LEVEL: 100 SEX: FEMALE ppm	7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9	
CERVIX	. N 0	
KIDNEY Unilateral hydronephrosis Bilateral hydronephrosis Chronic progressive glomerulonephropathy Intratubular microlithiasis Tubular basophilia Interstitial mononuclear cell infiltration	+ + + + + + + + + + + + + + + + + + +	
MAMMARY GLAND	. N N	
OVARY	. N N	
UTERUS	. N +	
VAGINA	. N N	

KEY:

MORPHOLOGY SEVERITY

1 minimal
2 slight
3 moderate
4 marked NOT RECORDED NOI NEL O MISSING + MORPHOLOGY PRESENT X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 300 ppm	SEX: MALE	9 7	9 8	1 9 0 9 0	ō	ō	ō	ōō	Ö	ō	ō	0 1	1	1	1	1	1 1	L 1 L 1 7 8	1	2
EPIDIDYMIS		N	N	. N	,		N				N	N.	٠		,	N	. 1	1 N		,
Unilateral hydronephrosis Bilateral hydronephrosis Chronic progressive gloner	rulonephropathy rperplasia	2	1	+ + + 2 1 	•	•	2:	2 .	•	i	2 .	1 2	i	2	3	2	3 ; 3 ;	· •	3	i i
PROSTATE GLAND				. N																
SEMINAL VESICLE		N	N	. N	•		N			,	N	N.			٠	N	. 1	1 N	3	,
σεςστς		M	M	M			N				N	N				N	. 1	ı N		

KEY:

MORPHOLOGY SEVERITY

. NOT RECORDED 1 minimal
N N.A.D. 2 slight
O MISSING 3 moderate
+ MORPHOLOGY PRESENT 4 marked

X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 300 SEX: FEMALE ppm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CERVIX Luminal dilatation	N N
KIDNEY Unilateral hydronephrosis Bilateral hydronephrosis Chronic progressive glomerulonephropathy Intratubular microlithiasis Tubular basophilia Interstitial mononuclear cell infiltration Cyst/s	+ + + + + + + + + + + + + + + + + + +
MAMMARY GLAND	N N N . N .
OVARY	N N N . N .
UTERUS Luminal dilatation	N N
VAGINA	N N N N . N

KEY:

MORPHOLOGY SEVERITY
1 minimal

NOT RECORDED 1 minimal
N N.A.D. 2 slight
MISSING 3 moderate
MORPHOLOGY PRESENT 4 marked

X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL

DOSE LEVEL: 1000 S	SEX: MALE	1 4 5	1 :	1 1 4 4 7 8	4	5 5	5 5	5	1 1 5 5 4 5	5	5	5 5	6	6	6 6	5 6	6	6	1 1 6 6 7 8
EPIDIDYMIS	• • • • • • • • • • • • • • • • • • • •		N I	۷.	,	, ,			N.	•			٠	,	. 1	N N		N	. ,
KIDNEY Unilateral hydronephrosis Bilateral hydronephrosis Chronic progressive glomerulor Transitional epithelial hyperp Tubular basophilia Interstitial nephritis Increase in nuclear pleomorphi	nephropathy plasia	: i :	1	2 2	3 1	i :	1	2	• •	3 1 2 .	2	2	1	i :	2	 i i		3	. 2
LIVER Mononuclear cell infiltration Hepatitis		,	2						N N						.]	L.			
PROSTATE GLAND			N I		,	• •		•	+ , 1 .		• :	• •	•	,	. 1	1 N	,	N	
SEMINAL VESICLE		٠	N 1	٧.					N.						. 1	1 N	•	N	• 3
TESTIS		•	N I	ν,		. ,	•	,]	N.		5		,	د	. 1	1 N		N	

KEY:

MORPHOLOGY SEVERITY

,	NOT RECORDED	1	minimal
N	N.A.D.	2	slight
0	MISSING	3	moderate
+	MORPHOLOGY PRESENT	4	marked
X	NO SEVERITY		

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12A

MICROSCOPIC PATHOLOGY CROSS REFERENCE - FO GENERATION

REMOVAL REASON: TERMINAL. DOSE LEVEL: 1000 SEX: FEMALE ppm 9012367890123456789012 Tubular basophilia 11111..1.1.1.1....1.1. Increase in nuclear pleomorphism VAGINA O caracteristic control of the contro

KEY:

MORPHOLOGY SEVERITY

. NOT RECORDED 1 minimal
N N.A.D. 2 slight
O MISSING 3 moderate
+ MORPHOLOGY PRESENT 4 marked

X NO SEVERITY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

Key:

NO = number

M = male

F = female

wks = weeks

EXAM = examined

NAD = no abnormality detected

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	(

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 1 SEX: M DOSE: ON STUDY: 129 days (19 wks) TERMINAL ppm

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED):	2	2	0	0	1
	5	0	5	0	0
	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Transitional epithelial hyperplasia : (slight ; unilateral)
Tubular basophilia : (minimal ; focal ; unilateral)

-----FND OF ANIMAL------

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 2 SEX: M DOSE: n ON STUDY: 129 days (19 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SURMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): 5 0 5 Ō ō (NOT SUBMITTED): õ 0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal: unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 3 SEX: M DOSE: 0 ppm ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded at day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND ; PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MO WOWANTITES ADEA THE UTE WATHING ITOOPE

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED):	2	2	0	0	0
	5	4	1	0	3
	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis: (moderate)

LIVER

Hepatitis : (minimal ; focal)

CTL/P/4097 518

PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION n ON STUDY: 129 days (19 wks) ANIMAL NO: SEX: M DOSE: חבום TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

TESTIS

Unilateral tubular degeneration : (minimal)

-----END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 4 SEX: M DOSE: 0 ppm ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TATL

Kinked: 50mm from tip.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED):	2	2	0	0	0
	6	0	6	0	0
	0	0	0	0	0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

LIVER

Hepatitis: (minimal; multifocal)

-END OF ANIMAL----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 5 SEX: M DOSE: 0 PPM ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SUBVITTED): (NOT SUBVITTED):	2 5 0	2 0 0	0 5 0	0	1 0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal)

----END OF ANIMAL----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 6 SEX: M DOSE: 0 ppm ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SURMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED):	2	2	0	0	2
	5	0	5	0	0
	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY ; LIVER

-----END OF ANIMAL----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 7 SEX: M ON STUDY: 130 days (19 wks) DOSE: 0 DIM TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER : PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK: TOTAL **EXAMINED** NOT EXAM MISSING NAD PROTOCOL REQUIRED:
NOT PROTOCOL (SUBMITTED):
(NOT SUBMITTED): 0 0 0

Ō

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY: LIVER

-----END OF ANIMAL----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 8 SEX: M DOSE: 0 ppm ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED):	2	2	0	0	1
(NOT SUBMITTED):	ŏ	ŏ	ŏ	ŏ	ő

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal : multifocal)

-----END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 9 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL.

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED):	2	2	0	0	1
	5	0	5	0	0
	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; focal ; unilateral)

-----END OF ANIMAL-----

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INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 10 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK:	TOTAL	EXAMINED	NOT EXAM	MISSING	NAD
PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED):	2	2	0	0	2
	5	0	5	0	0
	0	0	0	0	0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY: LIVER

-----END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 11 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded at day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TESTIS

Enlarged : (left) x1.5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

~~~~~~~~~~

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2     | 2        | 0        | 0       | 1   |
|                                                               | 5     | 4        | 1        | 0       | 3   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : LIVER : PROSTATE GLAND : SEMINAL VESICLE

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

\_\_\_\_\_\_\_\_\_

KTDNEY

Unilateral hydronephrosis : (slight)

**ΨΕςΨΤ**ς

Tubular distension: (moderate; unilateral)

-----END OF ANIMAL-----

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 12 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

\_\_\_\_\_\_\_

MICROPATHOLOGY

| TISSUE CHECK:             | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:        | 2     | 2        | ō        | 0       | 1   |
| NOT PROTOCOL (SUBMITTED): | 5     | 0        | 5        | 0       | 0   |
| (NOT SUBMITTED):          | 0     | 0        | Ö        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal; unilateral)

-----END OF ANIMAL----

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 13 SEX: M DOSE: ON STUDY: 131 days (19 wks) TERMINAL.

#### MACROPATHOLOGY

Killed by Fluothane; No live pups recorded at day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right : moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

#### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2     | 2        | 0        | 0       | 1   |
|                                                               | 5     | 4        | 1        | 0       | 3   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : LIVER : SEMINAL VESICLE : TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight) Tubular basophilia : (minimal ; multifocal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION
n ON STUDY: 131 days (19 wks) ANIMAL NO: 13 SEX: M DOSE: TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

PROSTATE GLAND

Prostatitis : (minimal)

## INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 14 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

## MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

THE LONDON THE LEWIS CONTRACTOR AND AND LAND

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

## MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2     | 2        | 0        | 0       | 1   |
|                                                               | 5     | 0        | 5        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

THE TORROWING INCOMES TO ODDINATIONS WHEN IND

KIDNEY

Unilateral hydronephrosis : (slight)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 15 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

#### MACROPATHOLOGY

Killed by Fluothane; No live pups recorded at day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

~~~

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

" THE PARTY OF THE

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 0 |
| | 5 | 4 | 1 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)

Unilateral hydronephrosis : (slight)

LIVER

Hepatitis : (minimal ; focal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 16 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

| MICROPATHOLOGY |
|----------------|
|----------------|

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 2
5 | 2
0 | 0
5 | 0 | 1 |
| (NOT SUBMITTED): | 0 | Ó | Õ | Õ | Õ |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 17 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded at day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

*----

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 0 |
| | 5 | 4 | 1 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)

Unilateral hydronephrosis : (slight)

LIVER

Hepatitis : (minimal : multifocal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 18 SEX: M DOSE: 0 ppm ON STUDY: 95 days (14 wks) INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; ORAL CAVITY ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

ORAL CAVITY

Teeth maloccluded

Erosion/s: hole approximately 2mm diameter, just above front molars of upper jaw.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 1 | 5 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO:

18 SEX: M DOSE: 0 ON STUDY: 95 days (14 wks) prm

INTERCURRENT

MICROPATHOLOGY

KIDNEY

Unilateral hydronephrosis : (slight)

ORAL CAVITY

Malocclusion (macroscopic observation)
Palatine fistula (macroscopic observation)

FACTOR CONTRIBUTORY TO DEATH

ORAL CAVITY : Palatine fistula (macroscopic observation)

END OF ANIMAL----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 19 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): 2 5 0 Ō 5 0 0 (NOT SUBMITTED): 0 Ō ō

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

-----END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 20 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 5 | 0 | 5 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy ; (minimal ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 21 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded at day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE | CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--------|---|-------------|-------------|-------------|-------------|-------------|
| NOT | PROTOCOL REQUIRED: PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2
5
0 | 2
4
0 | 0
1
0 | 0
0
0 | 1
2
0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; LIVER ; SEMINAL VESICLE

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Interstitial mononuclear cell infiltration : (minimal ; focal ; unilateral)

PROSTATE GLAND

Prostatitis : (minimal)

TESTIS

Unilateral tubular degeneration : (minimal ; multifocal)

-----END OF ANIMAL----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 22 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

THE THEORY AND THE PROPERTY OF THE TIME PROPERTY.

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED): | 2 | 2 | 0 | 0 | 0 |
| | 5 | 0 | 5 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

Interstitial mononuclear cell infiltration : (minimal ; multifocal)

LIVER

Hepatitis : (minimal : focal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 23 SEX: M DOSE: n DDM ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY : LIVER : PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 5 | 0 | 5 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulomephropathy : (minimal ; unilateral)
Unilateral hydromephrosis : (slight)
Transitional epithelial hyperplasia : (minimal ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION m ON STUDY: 131 days (19 wks) 23 SEX: M ANIMAL NO: DOSE: TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic urolithiasis : (slight ; unilateral)

_____END OF ANIMAL_____

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 24 SEX: M DOSE: 0 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS; KIDNEY; LIVER; PITUITARY GLAND; PROSTATE GLAND; SEMINAL VESICLE; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 2
5 | 2
0 | 0
5 | 0 | 0 |
| (NOT SURMITTED): | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal; unilateral)

LTVE

Hepatitis: (minimal: focal)

_____END OF ANIMAL_____

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 25 SEX: F DOSE: 0 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Mass 1 : (right) 12mm diameter, cranial pole, pale, firm.

UTERUS

Implantation site/s present : left 7, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD

PROTOCOL REQUIRED: 2 2 0 0 1

NOT PROTOCOL (SURMITTED): 6 0 6 0 0

(NOT SURMITTED): 0 0 0 0 0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 25 SEX: F DOSE: 0 ppm ON STUDY: 134 days (20 wks) TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Nephroblastoma: (NEOPLASTIC; MALIGNANT; PRIMARY)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDTX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 26 SEX: F DOSE: ON STUDY: 135 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SURMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Depressed area/s : (right) capsular surface, 3mm diameter, central on greater curvature.

Implantation site/s present : left 7, right 2.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD PROTOCOL REQUIRED: 2 2 6 0 0 0 NOT PROTOCOL (SUBMITTED): 6 0 (NOT SUBMITTED):

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION n ON STUDY: 135 days (20 wks) ANIMAL NO: 26 SEX: F DOSE: TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Surface depression : (slight ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANTMAL, NO: 27 SEX: F DOSE: ON STUDY: 134 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane : Failed to produce FIA litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MTSSTNG NAD PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): 5 (NOT SUBMITTED):

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX ; LIVER ; MAMMARY GLAND ; OVARY ; UTERUS ; VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis: (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 28 SEX: F DOSE: 0 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 3, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight) Intratubular microlithiasis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 29 SEX: F DOSE: 0 ppm ON STUDY: 135 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KTONEY

Pelvic dilatation : (right ; moderate)

राष्ट्रमणा

Implantation site/s present

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANTMAL NO: 29 SEX: F ON STUDY: 135 days (20 wks) DOSE: TERMINAL.

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY
Transitional epithelial hyperplasia : (minimal ; focal ; unilateral)
Intratubular microlithiasis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 30 SEX: F DOSE: 0 ppm ON STUDY: 136 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 1, right 2.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD

PROTOCOL REQUIRED: 2 2 0 0 1

NOT PROTOCOL (SUBMITTED): 6 0 6 0 0

(NOT SUBMITTED): 0 0 0 0 0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KTINEY

Intratubular microlithiasis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 31 SEX: F DOSE: Λ ON STUDY: 141 days (21 wks) ppm TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 1, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis: (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 32 SEX: F DOSE: 0 ppm ON STUDY: 135 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

END OF ANIMAL----

INDIVIDUAL ANTMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 33 SEX: F DOSE: ON STUDY: 134 days (20 wks) DDM TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MTCROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)
Dilatation collecting ducts : (minimal ; focal ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 134 days (20 wks) 34 SEX: F ANTMAL, NO: DOSE: TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY : LIVER ; MAMMARY GLAND : OVARY ; PITUITARY GLAND : UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 2
6 | 2
0 | 0
6 | 0
0 | 1 |
| (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

_____END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 35 SEX: F DOSE: 0 ppm ON STUDY: 151 days (22 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL: Damage recorded clinically not seen at necropsy.

Implantation site/s present : left 7, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 1 | 0 | 1 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

-----END OF ANIMAL------

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 36 SEX: F DOSE: 0 ppm ON STUDY: 135 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 4, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD

PROTOCOL REQUIRED: 2 2 0 0 1

NOT PROTOCOL (SUBMITTED): 6 0 6 0 0

(NOT SUBMITTED): 0 0 0 0 0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 37 SEX: F ON STUDY: 152 days (22 wks) DOSE: ppm TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 4, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 38 SEX: F DOSE: 0 ppm ON STUDY: 135 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; LUNG ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

LUNG

Red spot/s : multiple, 1mm diameter, all lobes all surfaces.

UTERUS

Implantation site/s present : left 5, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

THE TOTAL THE PERM THE TIES WENT TOTAL

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 2
7 | 2 | 0
7 | 0 | 1 |
| (NOT SUBMITTED): | 0 | Ō | Ó | õ | ŏ |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 39 SEX: F DOSE: 0 ppm ON STUDY: 151 days (22 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight)

UTERUS

Implantation site/s present : left 6, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

------END OF ANIMAL-----

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INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: SEX: F DOSE: 0 ON STUDY: 135 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

Implantation site/s present : left 0, right 3.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Bilateral hydronephrosis : (slight)
Intratubular microlithiasis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 41 SEX: F DOSE: ppm ON STUDY: 152 days (22 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 7, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 42 SEX: F DOSE: 0 ppm ON STUDY: 141 days (21 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 3, right 9.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 6 | 0 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

_____END OF ANIMAL_____

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 43 SEX: F DOSE: 0 ON STUDY: 135 days (20 wks) ppm TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER ; MAMMARY GLAND ; OVARY : PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 8, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 2
6 | 2
0 | 0
6 | 0 | 1 |
| (NOT SUBMITTED): | Ö | Ŏ | Õ | ŏ | ŏ |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 44 SEX: F DOSE: ON STUDY: 141 days (21 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : EYE : KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Bulging : (left)

UTERUS

Implantation site/s present : left 4, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 2 | 2 | 0 | 0 | 1 |
| | 7 | 0 | 7 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 45 SEX: F DOSE: 0 ppm ON STUDY: 158 days (23 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

*-----

UTERUS

Implantation site/s present : left 9, right 3.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

NO UDINOMINETITES MEVE SEEM IN THE VENEMINING ITSSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: | 2 | 2 | 0 | 0 | 0 |
| NOT PROTOCOL (SUBMITTED): | 6 | 0 | 6 | 0 | 0 |
| (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

LIVER

Hepatitis: (minimal; focal)

-----END OF ANIMAL-----

...

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDTX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 46 SEX: F DOSE: 0 ppm ON STUDY: 136 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 9, right 3.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD

PROTOCOL REQUIRED: 2 2 0 0 1

NOT PROTOCOL (SUBMITTED): 6 0 6 0 0

(NOT SUBMITTED): 0 0 0 0 0

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: SEX: F DOSE: 0 ON STUDY: 134 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 4, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 2
6 | 2
0 | 0 | 0 | 1 |
| (NOT SUBMITTED): | ō | Ö | ŏ | Ö | ő |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 134 days (20 wks) ANIMAL NO: 48 SEX: F DOSE: TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 2
6 | 2
0 | 0
6 | 0
0 | 1.0 |
| (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

LIVER

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)
Papillitis : (slight ; umilateral)
Dilatation collecting ducts : (slight ; umilateral) also containing casts.

_____END OF ANIMAL_____

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 49 SEX: M DOSE: 100 ppm ON STUDY: 129 days (19 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL.

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 5 | 2 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

No live pups following any mating.

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE : TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 50 SEX: M DOSE: 100 ppm ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 51 SEX: M DOSE: 100 ON STUDY: 129 days (19 wks) DDM TERMINAL.

MACROPATHOLOGY

Killed by Fluothane : No live pups recorded at day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight : right)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 5 | 2 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS; PROSTATE GLAND; SEMINAL VESICLE; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Unilateral hydronephrosis : (slight)
Transitional epithelial hyperplasia : (minimal ; unilateral)

_____FND OF ANIMAL______

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 129 days (19 wks) ANIMAL NO: 52 SEX: M DOSE: 100 TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Unilateral hydronephrosis : (minimal)

_____FND OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANTMAL NO: 53 SEX: M DOSE: 100 ON STUDY: 130 days (19 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUPMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulomephropathy : (minimal)
Unilateral hydronephrosis : (slight)
Transitional epithelial hyperplasia : (slight ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 54 SEX: M DOSE: 100 ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (left ; slight ; right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 5 | 2 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Bilateral hydronephrosis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 55 SEX: M DOSE: 100 ppm

ON STUDY: 130 days (19 wks)

TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:
NOT PROTOCOL (SUBMITTED): | 0
7 | 0
1 | 0
6 | 0
0 | 0 |
| (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic urolithiasis: (minimal: unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 56 SEX: M DOSE: ON STUDY: 130 days (19 wks) 100 TERMINAL

MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND ; PROSTATE GLAND : SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 5 | 2 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

Killed by Fluothane

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal : multifocal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 57 SEX: M DOSE: 100 ppn ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

TISSUE CHECK:

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

0

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TOTAL EXAMINED NOT EXAM MISSING NAD PROTOCOL REQUIRED: 0 0 0 0 NOT PROTOCOL (SURMITTED): 6 0 0

ñ

0

0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal : multifocal)

(NOT SUBMITTED):

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 58 SEX: M DOSE: 100 ppm ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD

PROTOCOL REQUIRED: 0 0 0 0 0 0

NOT PROTOCOL (SURMITTED): 7 1 6 0 1

(NOT SURMITTED): 0 0 0 0 0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

______END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 59 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK: TOTAL. EXAMINED NOT EXAM MISSING NAD PROTOCOL REQUIRED: 0 0 0 NOT PROTOCOL (SUBMITTED): 6 0 10 (NOT SUBMITTED): Ò 0 O

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 60 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right : slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis: (moderate)

Tubular basophilia: (minimal; multifocal; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 61 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL : TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TAIL

Kinked

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

TO INVOICEMENTATION WHEN DIREA THE TIME TOTAL THE DESCRIPTION OF THE PROPERTY OF THE PROPERTY

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 8 | 5 | 3 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular dilatation : (minimal ; focal ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDTX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 62 SEX: M DOSE: 100 ppm

ON STUDY: 131 days (19 wks)

TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

TISSUE CHECK: EXAMINED NOT EXAM MISSING TOTAL NAD PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): 6 0 0 (NOT SUBMITTED):

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; focal ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 63 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 64 SEX: M DOSE: 100 ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TAIL ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; left)

TAIL

Fracture : near tip.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 8 | 1 | 7 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Unilateral hydronephrosis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 65 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 5 | 2 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : One missing. ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (moderate) Tubular basophilia : (minimal ; multifocal)

-----END OF ANIMAL

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 131 days (19 wks) TERMINAL ANTMAL NO: 66 SEX: M DOSE: 100 ppm

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MTCROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (moderate)
Transitional epithelial hyperplasia : (minimal ; unilateral)
Pelvic urolithiasis : (minimal ; unilateral)
Tubular basophilia : (minimal ; focal ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 67 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 5 | 2 | 0 | 4 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS; PROSTATE GLAND; SEMINAL VESICLE; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 68 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 5 | 2 | 0 | 3 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

***-----

KIDNEY

Tubular basophilia : (minimal ; focal ; unilateral)

PROSTATE GLAND

Prostatitis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: SEX: M DOSE: 100 ON STUDY: 131 days (19 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right : moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KTONEY

Chronic progressive glomerulonephropathy : (minimal)
Unilateral hydronephrosis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 70 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------------|-------------|-------------|-------------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED): | 0
7
0 | 0
1
0 | 0
6
0 | 0
0
0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; focal ; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 71 SEX: M DOSE: 100 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 7 | 1 | 6 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 72 SEX: M DOSE: 100 ppm

ON STUDY: 131 days (19 wks)

TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

| MICROPATHOLOGY |
|----------------|
|----------------|

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0
7
0 | 0
1 | 0
6 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal; unilateral)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: SEX: F DOSE: 100 ON STUDY: 108 days (16 wks) ppm INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; JEJUNUM ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pale : (slight)

LIVER

Accentuated lobular pattern Pale: (slight) PITUITARY GLAND

Pale

UTERUS

Foetus/es present : left horn; none present, right horn; 4 alive.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: | Ō | 0 | 0 | 0 | Ō |
| NOT PROTOCOL (SUBMITTED): | 9 | 6 | 3 | 0 | 4 |
| (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |

Failed to produce FIA litter.

THE FOLLOWING TISSUES WERE MARKED NAD

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 108 days (16 wks) INTERCURRENT ANIMAL NO: 73 SEX: F DOSE: 1.00

MICROPATHOLOGY

CERVIX : MAMMARY GLAND : OVARY : VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic urolithiasis : (minimal ; unilateral) Intratubular microlithiasis : (minimal)

UTERUS

Dystocia (diagnosis based on macroscopic observations)

FACTOR CONTRIBUTORY TO DEATH

UTERUS : Dystocia (diagnosis based on macroscopic observations)

-----FND OF ANTMAL------

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 74 SEX: F DOSE: 100 ppm ON STUDY: 144 days (21 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 7, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: | 0 | 0 | 0 | 0 | 0 |
| NOT PROTOCOL (SUBMITTED): | 8 | 1 | 7 | 0 | 0 |
| (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 134 days (20 wks) TERMINAL ANTIMAL NO: 75 SEX: F DOSE: 100

MACROPATHOLOGY

Killed by Fluothane : Failed to produce FlA litter.

and the second of the second o

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY ; LIVER ; MAMMARY GLAND : OVARY ; PITUITARY GLAND ; UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MTCROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 8 | 6 | 2 | 0 | 5 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX : MAMMARY GLAND : OVARY : UTERUS : VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal : focal : unilateral) Intratubular microlithiasis : (minimal)

_____END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 76 SEX: F DOSE: ON STUDY: 134 days (20 wks) 100 ppm TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY ; LIVER : MAMMARY GLAND : OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

|
 |
 | | |
|------|------|--|--|
| | | | |

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 8 | 1 | 7 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal ; unilateral)

Intratubular microlithiasis : (slight)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 77 SEX: F DOSE: 100 ON STUDY: 135 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

Implantation site/s present : left 5, right 1.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0 | 0 | 0 | 0 | 0 |
| | 8 | 1 | 7 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (minimal)
Interstitial mononuclear cell infiltration : (minimal ; focal ; unilateral)
Intratubular microlithiasis : (moderate)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 78 SEX: F DOSE: 100 ppm ON STUDY: 150 days (22 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

THERUS

Implantation site/s present : left 7, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK: | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--|--------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 0
8 | 0
1 | 0
7 | 0 | 0 |
| (NOT SUBMITTED): | Ō | ō | 0 | 0 | 0 |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal ; unilateral)

Intratubular microlithiasis: (slight)

_____END OF ANIMAL_____

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 79 SEX: F DOSE: 100 ppm ON STUDY: 134 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD PROTOCOL REQUIRED: 0 NOT PROTOCOL (SUBMITTED): 0 0 Ō (NOT SURMITTED): 0

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; focal ; unilateral) Intratubular microlithiasis : (minimal)

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 80 SEX: F DOSE: 100 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane; Failed to produce FIA litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Distended: 50x20x15mm.

Discoloured: black. Foetus/es present: two, one present in right horn, and second in the body of uterus.

Blood in lumen

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD

PROTOCOL REQUIRED: 0 0 0 0 0 0

NOT PROTOCOL (SUBMITTED): 8 5 2 1 3

(NOT SUBMITTED): 0 0 0 0 0

THE FOLLOWING TISSUES WERE MISSING

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CERVIX : (inadequate)

THE FOLLOWING TISSUES WERE MARKED NAD

MAMMARY GLAND : OVARY : VAGINA

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 134 days (20 wks) ANIMAL NO: 80 SEX: F DOSE: 100 TERMINAL ppm

MICROPATHOLOGY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal ; unilateral)
Intratubular microlithiasis : (slight ; unilateral)

UTERUS

Placental tissue in lumen Foetal death in utero (macroscopic observation)

# INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 81 SEX: F DOSE: 100 ON STUDY: 134 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 8. right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal ; unilateral) Intratubular microlithiasis : (slight)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 82 SEX: F DOSE: 100 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

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UTERUS

Implantation site/s present : left 8, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

-----

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION ANTMAL NO: SEX: F 100 ON STUDY: 134 days (20 wks) TERMINAL

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight)

UTERUS

Implantation site/s present : left 3, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

| TISSUE CHECK:                                   | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|-------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:<br>NOT PROTOCOL (SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
| (NOT SUBMITTED):                                | ñ     | Ų        | ń        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Unilateral hydronephrosis : (slight)
Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 84 SEX: F DOSE: 100 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 85 SEX: F DOSE: 100 ON STUDY: 152 days (22 wks) DDM TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 4, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KTONEY

Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 86 SEX: F DOSE: 100 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL       | EXAMINED    | NOT EXAM    | MISSING     | NAD |
|---------------------------------------------------------------|-------------|-------------|-------------|-------------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0<br>8<br>0 | 0<br>1<br>0 | 0<br>7<br>0 | 0<br>0<br>0 | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 87 SEX: F DOSE: 100 ppm ON STUDY: 135 days (20 wks) TERMINAL.

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

| TISSUE CHECK:             | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:        | 0     | 0        | 0        | 0       | 0   |
| NOT PROTOCOL (SURMITTED): | 8     | 1        | 7        | 0       | 0   |
| (NOT SURMITTED):          | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Unilateral hydronephrosis : (minimal)
Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 88 SEX: F DOSE: 100 ON STUDY: 134 days (20 wks) TERMINAL. mpgg

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

Implantation site/s present : left 4, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Bilateral hydronephrosis : (minimal)
Tubular basophilia : (minimal : focal : unilateral)
Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: SEX: F ON STUDY: 151 days (22 wks) DOSE: 100 ppm TERMINAL.

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 7, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (moderate)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 90 SEX: F DOSE: 100 ON STUDY: 135 days (20 wks) ppm TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 2, right 1.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE | CHECK:                | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--------|-----------------------|-------|----------|----------|---------|-----|
| NOT    | PROTOCOL REQUIRED:    | 0     | 0        | 0        | 0       | 0   |
|        | PROTOCOL (SUBMITTED): | 8     | 1        | 7        | 0       | 0   |
|        | (NOT SUBMITTED):      | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION
ANIMAL NO: 91 SEX: F DOSE: 100 ppm ON STUDY: 151 days (22 wks) TERMINAL

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER : MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

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KIDNEY

Pelvic dilatation : (right ; slight)

UTERUS

Implantation site/s present : left 5, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

\_\_\_\_\_\_

KIDNEY

Unilateral hydronephrosis : (minimal) Intratubular microlithiasis : (minimal)

\_\_\_\_\_END OF ANIMAL\_\_\_\_\_

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 92 SEX: F DOSE: 100 ppm ON STUDY: 155 days (23 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

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MICROPATHOLOGY

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| TISSUE | CHECK:                                   | TOTAL  | EXAMINED | NOT EXAM | MISSING | NAD |
|--------|------------------------------------------|--------|----------|----------|---------|-----|
| NOT    | PROTOCOL REQUIRED: PROTOCOL (SUBMITTED): | 0<br>8 | 0<br>1   | 0<br>7   | 0       | 0   |
|        | (NOT SUBMITTED):                         | Ō      | ō        | Ó        | ŏ       | ŏ   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (slight)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANTMAL NO: SEX: F 93 DOSE: 100 ON STUDY: 134 days (20 wks) ppm TERMINAL.

#### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY : LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND ; UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right : moderate)

LITERUS

Implantation site/s present : left 6. right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE | CHECK:                | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--------|-----------------------|-------|----------|----------|---------|-----|
| NOT    | PROTOCOL REQUIRED:    | 0     | 0        | 0        | 0       | 0   |
|        | PROTOCOL (SURMITTED): | 8     | 1        | 7        | 0       | 0   |
|        | (NOT SURMITTED):      | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Bilateral hydronephrosis : (slight)
Tubular basophilia : (minimal ; multifocal ; unilateral)

Intratubular microlithiasis: (minimal)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 94 SEX: F DOSE: 100 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 95 SEX: F DOSE: ON STUDY: 134 days (20 wks) 100 TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

#### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

TERMINAL

PATHOLOGY - FO GENERATION ANIMAL NO: 96 SEX: F DOSE: 100 ON STUDY: 135 days (20 wks)

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 2, right 2.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE | CHECK:                | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--------|-----------------------|-------|----------|----------|---------|-----|
| Nom    | PROTOCOL REQUIRED:    | 0     | <u>o</u> | 0        | 0       | 0   |
| NOT    | PROTOCOL (SUBMITTED): | 8     | 1        | 7        | 0       | 0   |
|        | (NOT SUBMITTED):      | 0     | 0        | 0        | 0       | Ó   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (moderate)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 97 SEX: M 300 ppm ON STUDY: 129 days (19 wks) TERMINAL.

#### MACROPATHOLOGY

Killed by Fluothane: No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

### MICROPATHOLOGY

| PROTOCOL REQUIRED: 0 0 0                                   | TISSUE CHECK:             | TOTAL  | EXAMINED | NOT EXAM | MISSING | NAD    |
|------------------------------------------------------------|---------------------------|--------|----------|----------|---------|--------|
| NOT PROTOCOL (SURMITTED): / 5 2 0 (NOT SURMITTED): 0 0 0 0 | NOT PROTOCOL (SUBMITTED): | 0<br>7 | 0<br>5   | 0<br>2   | 0       | 0<br>3 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)
Tubular basophilia : (minimal ; multifocal ; unilateral)

PROSTATE GLAND

Prostatitis: (minimal)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 98 SEX: M DOSE: 300 ppm ON STUDY: 129 days (19 wks) TERMINAL

### MACROPATHOLOGY

Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 5        | 2        | 0       | 4   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 99 SEX: M DOSE: 300 ppm ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (slight ; right)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

-----END OF ANIMAL-----

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#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 100 SEX: M DOSE: 300 ON STUDY: 129 days (19 wks) TERMINAL DIM

### MACROPATHOLOGY

Killed by Fluothane: No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

### MICROPATHOLOGY

| TISSUE CHECK:                                | TOTAL  | EXAMINED | NOT EXAM | MISSING | NAD    |
|----------------------------------------------|--------|----------|----------|---------|--------|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 0<br>7 | 0<br>5   | 0<br>2   | 0       | 0<br>4 |
| (NOT SUBMITTED):                             | 0      | 0        | Ö        | Õ       | Ò      |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Unilateral hydronephrosis : (minimal)
Transitional epithelial hyperplasia : (minimal ; focal ; unilateral)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 101 SEX: M DOSE: 300 ppm ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK:                                | TOTAL  | EXAMINED | NOT EXAM | MISSING | NAD    |
|----------------------------------------------|--------|----------|----------|---------|--------|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 0<br>7 | 0<br>1   | 0<br>6   | 0<br>0  | 0<br>1 |
| (NOT SUBMITTED):                             | 0      | 0        | 0        | 0       | 0      |

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 102 SEX: M DOSE: 300 ON STUDY: 129 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 1   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 103 SEX: M DOSE: 300 ppm ON STUDY: 130 days (19 wks) TERMINAL

### MACROPATHOLOGY

Killed by Fluothane: No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 5        | 2        | 0       | 4   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

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KIDNEY

Unilateral hydronephrosis : (slight)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION ON STUDY: 130 days (19 wks) ANTMAL, NO: 104 SEX: M DOSE: 300 ותק TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

Transitional epithelial hyperplasia: (slight; multifocal; unilateral)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 105 SEX: M DOSE: 300 ppm ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

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MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MTSSTNG NAD PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): 0 0 0 1 б 0 0 (NOT SUBMITTED): Ò ō

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; focal ; unilateral)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 106 SEX: M DOSE: 300 ppm ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER : PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

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MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal : focal ; unilateral)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

ANIMAL NO: 107 SEX: M DOSE: 300 DDB ON STUDY: 130 days

300 ppm ON STUDY: 130 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Bilateral hydronephrosis : (minimal)

Tubular basophilia: (minimal: focal: unilateral)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDTX 12B

PATHOLOGY - FO GENERATTON

ANIMAL NO: 108 SEX: M DOSE: 300 ppm ON STUDY: 130 days (19 wks) TERMINAL

#### MACROPATHOLOGY

Killed by Fluothane ; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER : PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

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| TISSUE | CHECK:                | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--------|-----------------------|-------|----------|----------|---------|-----|
| NOT    | PROTOCOL REQUIRED:    | 0     | 0        | 0        | 0       | 0   |
|        | PROTOCOL (SURMITTED): | 7     | 5        | 2        | 0       | 4   |
|        | (NOT SUBMITTED):      | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

Transitional epithelial hyperplasia : (minimal ; focal ; unilateral)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDTX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 109 SEX: M 300 ON STUDY: 131 days (19 wks) TERMINAL

#### MACROPATHOLOGY

Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 5        | 2        | 0       | 4   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis: (minimal)

Tubular basophilia: (minimal: multifocal: unilateral)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 110 SEX: M DOSE: 300 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

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Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

ANIMAL NO: 111 SEX: M DOSE: 300 ppm ON STUDY: 131 days

300 ppm ON STUDY: 131 days (19 wks) TERMINAL

# MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL       | EXAMINED    | NOT EXAM    | MISSING     | NAD |
|---------------------------------------------------------------|-------------|-------------|-------------|-------------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0<br>7<br>0 | 0<br>1<br>0 | 0<br>6<br>0 | 0<br>0<br>0 | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal)

-----END OF ANIMAL

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 112 SEX: M DOSE: 300 ON STUDY: 131 days (19 wks) ppm TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS : KIDNEY : LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

#### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 113 SEX: M DOSE: 300 ON STUDY: 131 days (19 wks) TERMINAL.

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Unilateral hydronephrosis : (moderate)
Transitional epithelial hyperplasia : (minimal ; focal ; unilateral)

# INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 128

PATHOLOGY - FO GENERATION
n ON STUDY: 131 days (19 wks) TERMINAL ANIMAL NO: 114 SEX: M DOSE: 300

MACROPATHOLOGY

Killed by Fluothane: No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANTMAL

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 5        | 2        | 0       | 4   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (slight)

Tubular basophilia: (minimal; multifocal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 115 SEX: M DOSE: 300 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY : LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE : TAIL : TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TATL

Kinked: near tip.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

WO THE CHARTEST AND SERVICE THE PROPERTY OF THE COURSE

MICROPATHOLOGY

TISSUE CHECK: TOTAL EXAMINED NOT EXAM MISSING NAD PROTOCOL REQUIRED: 0 0 NOT PROTOCOL (SUBMITTED): ž 1 8 0 (NOT SUBMITTED): 0

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 116 SEX: M DOSE: 300 ON STUDY: 56 days (8 wks) ppm INTERCURRENT

MACROPATHOLOGY

Killed by Fluothane; Animal killed and bled in cell.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; EYE ; KIDNEY ; LIVER : NASAL CAVITY ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS ; URINARY BLADDER

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

EYE

Evelid/s stained

NASAL CAVITY

Snout twisted : nose appears to be broken, lower incisors have pierced upper palate.

URINARY BLADDER

Firm deposit/s : one up to 4mm diameter.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:             | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:        | 0     | 0        | 0        | 0       | 0   |
| NOT PROTOCOL (SURMITTED): | 10    | 1        | 9        | 0       | 1   |
| (NOT SUBMITTED):          | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

KIDNEY

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 116 SEX: M DOSE: 300 ppm ON STUDY: 56 days (8 wks) INTERCURRENT

MICROPATHOLOGY

FACTOR CONTRIBUTORY TO DEATH

FCD UNKNOWN

-----END OF ANIMAL----

CTL/P/4097 - 640

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 117 SEX: M DOSE: 300 ppm ON STUDY: 131 days (19 wks) TERMINAL

### MACROPATHOLOGY

Killed by Fluothane: No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 5        | 2        | 0       | 4   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 118 SEX: M DOSE: 300 ppm ON STUDY: 131 days (19 wks) TERMINAL

### MACROPATHOLOGY

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Killed by Fluothane; No live pups recorded on day 1 following any mating.

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

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# MICROPATHOLOGY

| TISSUE CHECK:                                | TOTAL  | EXAMINED | NOT EXAM | MISSING | NAD    |
|----------------------------------------------|--------|----------|----------|---------|--------|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 0<br>7 | 0<br>5   | 0<br>2   | 0       | 0<br>4 |

THE FOLLOWING TISSUES WERE MARKED NAD

EPIDIDYMIS ; PROSTATE GLAND ; SEMINAL VESICLE ; TESTIS

(NOT SUBMITTED):

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

\*\*\*\*

KIDNEY

Tubular basophilia : (minimal ; multifocal)

-----END OF ANIMAL-----

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### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 119 SEX: M DOSE: 300 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY : LIVER ; PITUITARY GLAND : PROSTATE GLAND : SEMINAL VESICLE : TESTIS

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; moderate)

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (moderate)

Tubular basophilia: (minimal: multifocal: unilateral)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 120 SEX: M DOSE: 300 ppm ON STUDY: 131 days (19 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

EPIDIDYMIS ; KIDNEY ; LIVER ; PITUITARY GLAND ; PROSTATE GLAND ; SEMINAL VESICLE : TESTIS

NO ABNORMALITIES WERE SEEN IN THE ANIMAL

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 7     | 1        | 6        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Unilateral hydronephrosis : (minimal)

END OF ANIMAL----

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 121 SEX: F DOSE: 300 ppm ON STUDY: 135 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane : Failed to produce FIA litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KTONEV

Pelvic dilatation : (right : moderate)

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Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 6        | 2        | 0       | 5   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX ; MAMMARY GLAND ; OVARY ; UTERUS ; VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Unilateral hydronephrosis : (moderate)

CTL/P/4097 - 646

# PERCHLOROETHYLENE: MULTIGENERATION INHALATION STUDY IN THE RAT

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 121 SEX: F DOSE: 300 ppm ON STUDY: 135 days (20 wks) TERMINAL

MICROPATHOLOGY

\_\_\_\_\_

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal) Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 122 SEX: F DOSE: 300 ppm ON STUDY: 152 days (22 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

-----

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

END OF ANIMAL

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 123 SEX: F DOSE: 300 ON STUDY: 136 days (20 wks) ppm TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 9, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUPMITTED): (NOT SUPMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis: (moderate)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 124 SEX: F DOSE: 300 ppm ON STUDY: 152 days (22 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

-------

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy: (minimal; unilateral)

Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATTON

ANIMAL NO: 125 SEX: F ON STUDY: 134 days (20 wks) 300 DOM TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; TAIL ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

TATT.

Kinked

UTERUS

Implantation site/s present : left 7, right 2.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL       | EXAMINED    | NOT EXAM    | MISSING     | NAD |
|---------------------------------------------------------------|-------------|-------------|-------------|-------------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0<br>9<br>0 | 0<br>1<br>0 | 0<br>8<br>0 | 0<br>0<br>0 | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal) Intratubular microlithiasis : (moderate)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 126 SEX: F DOSE: 300 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 1, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

\*\*\*\*\*\*\*\*\*\*\*\*\*

# MICROPATHOLOGY

-----

| TISSUE CHECK:             | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:        | 0     | 0        | 0        | 0       | 0   |
| NOT PROTOCOL (SUBMITTED): | 8     | 1        | 7        | 0       | 0   |
| (NOT SUBMITTED):          | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

-----

KIDNEY

Interstitial mononuclear cell infiltration : (minimal ; focal ; unilateral)

Intratubular microlithiasis : (moderate)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 127 SEX: F DOSE: 300 ppm ON STUDY: 134 days (20 wks) TERMINAL

### MACROPATHOLOGY

-----

Killed by Fluothane; Failed to produce FlA litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

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### MICROPATHOLOGY

----------

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURVITTED): (NOT SURMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 6        | 2        | 0       | 5   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX : MAMMARY GLAND : OVARY ; UTERUS : VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

-----END OF ANIMAL-----

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### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 128 SEX: F DOSE: 300 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND ; OVARY ; PITUITARY GLAND : UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 3, right 3.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

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MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

\_\_\_\_\_END OF ANIMAL\_\_\_\_\_

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 129 SEX: F DOSE: 300 ppm ON STUDY: 134 days (20 wks) TERMINAL

### MACROPATHOLOGY

------

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 1, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

NO ADMONMENTITES MENE SEEN IN THE KEMMINING ITSSUES

### MICROPATHOLOGY

----------

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SURMITTED): (NOT SURMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

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KIDNEY

Intratubular microlithiasis: (moderate)

\_\_\_\_\_END OF ANIMAL\_\_\_\_\_

# INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 130 SEX: F DOSE: 300 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 3, right 1.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 131 SEX: F DOSE: 300 ON STUDY: 135 days (20 wks) TERMINAL

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:             | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:        | 0     | 0        | 0        | 0       | 0   |
| NOT PROTOCOL (SUBMITTED): | 8     | 1        | 7        | 0       | 0   |
| (NOT SUBMITTED):          | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Bilateral hydronephrosis : (slight) Intratubular microlithiasis : (moderate)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 132 SEX: F DOSE: 300 ppm ON STUDY: 135 days (20 wks) TERMINAL

#### MACROPATHOLOGY

-----

Killed by Fluothane ; Failed to produce FIA litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

\*\*\*\*\*\*\*\*\*

ABDOMINAL CAVITY

Free blood

KIDNEY

Pelvic dilatation : (right ; slight)

THERTS

Distended : 10mm diameter. Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 6        | 2        | 0       | 3   |
|                                                               | 1     | 0        | 1        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

\_\_\_\_\_

MAMMARY GLAND; OVARY; VAGINA

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 132 SEX: F DOSE: 300 ppm ON STUDY: 135 days (20 wks) TERMINAL

MICROPATHOLOGY

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

CERVIX

Luminal dilatation: (marked)

KIDNEY

Intratubular microlithiasis : (moderate)

UTERUS

Luminal dilatation : (marked)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANTMAL NO: 133 SEX: F DOSE: ON STUDY: 152 days (22 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 7, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                | TOTAL  | EXAMINED | NOT EXAM | MISSING | NAD    |
|----------------------------------------------|--------|----------|----------|---------|--------|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): | 0<br>8 | 0<br>1   | 0<br>7   | 0       | 0<br>0 |
| (NOT SUBMITTED):                             | 0      | 0        | 0        | 0       | 0      |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Interstitial mononuclear cell infiltration : (minimal ; multifocal)
Intratubular microlithiasis : (minimal)

\_\_\_\_\_END OF ANIMAL-----

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 134 SEX: F DOSE: 300 ON STUDY: 135 days (20 wks) TERMINAL.

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 4, right 5.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

| TISSUE CHECK:             | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED:        | 0     | 0        | 0        | 0       | 0   |
| NOT PROTOCOL (SURMITTED): | 8     | 1        | 7        | 0       | 0   |
| (NOT SURMITTED):          | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

135 SEX: F DOSE: 300 ON STUDY: 134 days (20 wks) TERMINAL ANIMAL NO: ppm

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

Implantation site/s present : right 9, left 0.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUEMITTED): (NOT SUEMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal)
Unilateral hydronephrosis : (minimal)
Intratubular microlithiasis : (minimal)

END OF ANIMAL----

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ON STUDY: 134 days (20 wks) ANIMAL NO: 136 SEX: F DOSE: 300 TERMINAL DDM

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND ; OVARY : PITUITARY GLAND ; UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

\_\_\_\_\_END OF ANIMAL\_\_\_\_\_

#### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 137 SEX: F DOSE: 300 ppm ON STUDY: 135 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX : KIDNEY : LIVER : MAMMARY GLAND : OVARY : PITUITARY GLAND : UTERUS : VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 6, right 7.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

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MICROPATHOLOGY

~------

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

\_\_\_\_\_\_\_

KIDNEY

Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 138 SEX: F DOSE: 300 ON STUDY: 150 days (22 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 7, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

#### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUPMITTED): (NOT SUPMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal ; unilateral)
Intratubular microlithiasis : (slight)

# INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION ANIMAL NO: 139 SEX: F DOSE: 300

ON STUDY: 134 days (20 wks)

TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Pelvic dilatation : (right ; slight)

UTERUS

Implantation site/s present : left 6, right 4.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE | CHECK:                | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|--------|-----------------------|-------|----------|----------|---------|-----|
| NOT    | PROTOCOL REQUIRED:    | 0     | 0        | 0        | 0       | 0   |
|        | PROTOCOL (SUBMITTED): | 8     | 1        | 7        | 0       | 0   |
|        | (NOT SUBMITTED):      | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Chronic progressive glomerulonephropathy : (minimal) Unilateral hydronephrosis : (moderate) Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANTMAL NO: 140 SEX: F ON STUDY: 134 days (20 wks) DOSE: 300 TERMINAL. ppm

### MACROPATHOLOGY

Killed by Fluothane; Failed to produce F1A litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

CERVIX

Distended: 12mm diameter.

UTERUS

Distended : up to 6mm diameter.

Implantation site/s absent

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 6        | 2        | 0       | 3   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

MAMMARY GLAND ; OVARY ; VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 140 SEX: F DOSE: 300 ON STUDY: 134 days (20 wks) ppm TERMINAL

MICROPATHOLOGY

CERVIX

Luminal dilatation : (marked)

KIDNEY

Intratubular microlithiasis : (minimal)
 Cyst/s : (unilateral) single, at top of papilla adjacent to medulla, containing blood and debris.
UTERUS

Luminal dilatation: (marked)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 141 SEX: F DOSE: 300 ppm ON STUDY: 158 days (23 wks) TERMINAL

### MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 4, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

END OF ANIMAL

...

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

### APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 142 SEX: F DOSE: 300 ON STUDY: 158 days (23 wks) TERMINAL.

### MACROPATHOLOGY

Killed by Fluothane ; Failed to produce FlA litter.

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

Distended : (slight)

Implantation site/s absent

# NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MTCROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 6        | 2        | 0       | 4   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING TISSUES WERE MARKED NAD

CERVIX : MAMMARY GLAND ; OVARY : VAGINA

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Tubular basophilia : (minimal ; multifocal ; unilateral) Intratubular microlithiasis : (slight)

-----END OF ANIMAL-----

INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 142 SEX: F DOSE: 300 ON STUDY: 158 days (23 wks) ppm TERMINAL

MICROPATHOLOGY

CONTINUATION - THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

UTERUS Luminal dilatation : (moderate)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 143 SEX: F DOSE: 300 ppm ON STUDY: 134 days (20 wks) TERMINAL

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

TODO COMO CAROLO OF TO CONTRACT CAROLO CAROL

UTERUS

Implantation site/s present : left 6, right 8.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

# MICROPATHOLOGY

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| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis : (minimal)

### INDIVIDUAL ANIMAL DATA SUPPLEMENT

APPENDIX 12B

PATHOLOGY - FO GENERATION

ANIMAL NO: 144 SEX: F DOSE: 300 ON STUDY: 134 days (20 wks) TERMINAL.

MACROPATHOLOGY

Killed by Fluothane

THE FOLLOWING TISSUES WERE SUBMITTED

CERVIX ; KIDNEY ; LIVER ; MAMMARY GLAND ; OVARY ; PITUITARY GLAND ; UTERUS ; VAGINA

THE FOLLOWING MACROSCOPIC OBSERVATIONS WERE MADE

UTERUS

Implantation site/s present : left 5, right 6.

NO ABNORMALITIES WERE SEEN IN THE REMAINING TISSUES

### MICROPATHOLOGY

| TISSUE CHECK:                                                 | TOTAL | EXAMINED | NOT EXAM | MISSING | NAD |
|---------------------------------------------------------------|-------|----------|----------|---------|-----|
| PROTOCOL REQUIRED: NOT PROTOCOL (SUBMITTED): (NOT SUBMITTED): | 0     | 0        | 0        | 0       | 0   |
|                                                               | 8     | 1        | 7        | 0       | 0   |
|                                                               | 0     | 0        | 0        | 0       | 0   |

THE FOLLOWING MICROSCOPIC OBSERVATIONS WERE MADE

KIDNEY

Intratubular microlithiasis: (moderate)