

TDMS No. 20313 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:52
First Dose M/F: 05/26/05 / 05/26/05
Lab: NCTR

C Number: C20313
Lock Date: 01/14/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.2.0

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL	DAY ON TEST																									males (cont...)
	0739	0698	0739	0739	0739	0586	0597	0739	0739	0661	0663	0739	0739	0739	0739	0739	0739	0661	0739	0739	0739	0586	0739	0739		
ANIMAL ID	0061	0062	0063	0064	0067	0068	0069	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder Inflammation, Chronic Active	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum Angiectasis	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Basophilic Focus Hematopoietic Cell Proliferation Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pancreas Inflammation, Chronic Active Acinus, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

DAY ON TEST	C57BL/6N XC3H/HEN MTV-NCTR MICE MALE																								ANIMAL ID	males (cont...)
	0739	0698	0739	0739	0739	0586	0587	0739	0739	0661	0663	0739	0739	0739	0739	0739	0678	0739	0739	0739	0579	0739	0579	0739		
0.70 ACRYL	0061	0062	0063	0064	0067	0062	0063	0064	0067	0068	0068	0068	0069	0069	0069	0069	0069	0069	0069	0069	0069	0069	0069	0069	0069	

Salivary Glands Infiltration Cellular, Lymphocyte Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
									1	1			1	1		1	1				1			
Stomach, Forestomach Keratin Cyst Ulcer Epithelium, Hyperplasia	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue																								

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

ENDOCRINE SYSTEM

Adrenal Cortex Hypertrophy Subcapsular, Hyperplasia	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL	DAY ON TEST																								ANIMAL ID	males (cont...)
	0739	0688	0739	0739	0739	0586	0587	0739	0739	0668	0669	0731	0733	0733	0733	0733	0733	0618	0733	0733	0733	0519	0733	0752		
	0036	0033	0033	0033	0033	0038	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	0030	
	1162	2233	3364	4417	5522	6673	7748	8811	9922	0033	1144	2255	3366	4477	5588	6699	7700	8811	9922	0033	1144	2255	3366	4477	5588	

Parathyroid Gland Cyst	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland Follicle, Degeneration Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	+	1	1	+	+	+	+	+

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis Exfoliated Germ Cell Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Spermatocoele	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																				1		2			
Penis Inflammation, Chronic Active Necrosis Ulcer																									
Preputial Gland Angiectasis Cyst Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
												2													3
		3				4					4							2		2	2				

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL	DAY ON TEST																									males (cont...)
	0739	0698	0739	0739	0756	0756	0773	0773	0666	0666	0773	0773	0773	0773	0773	0773	0666	0773	0773	0773	0773	0575	0773	0575	0773	
ANIMAL ID	00361	00362	00363	00364	00367	00368	00369	00370	00371	00372	00373	00374	00375	00376	00377	00378	00379	00380	00381	00382	00383	00384	00387	00388	00389	00390
Dysplasia, Focal Infiltration Cellular, Lymphocyte Inflammation, Suppurative		2		2																						
Inflammation, Chronic Active Duct, Dilatation					2						2		2						3			1				
Prostate Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle Inflammation, Chronic Active	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes Seminiferous Tubule, Degeneration	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node Lumbar, Fibrosis							+					+	+													
Mediastinal, Hyperplasia, Lymphoid			1																							
Renal, Hyperplasia, Lymphoid																										
Lymph Node, Mandibular Hemorrhage	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid Infiltration Cellular, Plasma Cell																2										2
Infiltration Cellular, Polymorphonuclear																						2	2			

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL	DAY ON TEST																				ANIMAL ID	males (cont...)						
	0739	0698	0739	0739	0739	0586	0587	0739	0739	0661	0665	0739	0739	0739	0739	0739	0668	0739	0739	0579			0739	0572	0573	0574	0575	0576
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																												
Hemorrhage																												
Hyperplasia, Lymphoid																												
Infiltration Cellular, Plasma Cell																												
Inflammation, Chronic Active																												
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																												
Developmental Malformation																												
Hematopoietic Cell Proliferation																												
Hyperplasia, Lymphoid																												
Hyperplasia, Stromal																												
Necrosis																												
Pigmentation																												
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	
Atrophy																												

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																												
Inflammation, Chronic Active																												
Ulcer																												
Epithelium, Hyperplasia																												
Sebaceous Gland, Hyperplasia																												

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	6	7	7	7	5	5	7	7	6	6	7	7	7	7	7	6	7	7	7	5	7	5	7	5	7	5	7	5	7	5	7	5	7	5	
	ANIMAL ID	3	9	3	3	3	8	9	3	3	1	6	3	3	3	3	3	1	3	3	3	3	1	3	3	3	3	1	3	3	3	3	3	3	3	3	
		9	8	9	9	9	6	7	9	9	8	5	9	0	9	9	9	8	9	9	9	9	9	9	9	9	9	8	9	9	9	9	9	9	9	9	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		6	6	6	6	7	7	7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
males (cont...)																																					

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibro-Osseous Lesion																																					
Skeletal Muscle																																					

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Mineralization																																						
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Necrosis																																						
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Suppurative																																						
Mineralization																																						
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration																																						
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration																																						
Nerve, Degeneration																																						
Neuron, Degeneration																																						
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration																																						
Nerve, Degeneration																																						

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL	DAY ON TEST																								ANIMAL ID	males (cont...)	
	0739	0698	0739	0739	0739	0586	0587	0739	0739	0661	0663	0739	0739	0739	0739	0739	0739	0668	0739	0739	0739	0579	0739	0572			0575
	0061	0003	0003	0003	0003	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

Spinal Cord, Thoracic
 Axon, Degeneration
 Neuron, Degeneration

+
 1

RESPIRATORY SYSTEM

Lung
 Infiltration Cellular, Histiocyte
 Inflammation, Chronic Active
 Alveolar Epithelium, Hyperplasia

+
 4 3 2 3 2 1

Nose
 Hyaline Droplet

+
 3

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye
 Cataract
 Phthisis Bulbi
 Cornea, Inflammation, Chronic Active

+ + + + + A + + A A + + + + + + + + + + + + + + + + + +
 1 2 1 1 2

Harderian Gland
 Hyperplasia
 Inflammation, Chronic Active

+
 1 3

URINARY SYSTEM

Kidney

+ + + + + A + + + A + + + + + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|-----------|--------------------|
| | 0739 | 0698 | 0739 | 0739 | 0739 | 0556 | 0557 | 0739 | 0739 | 0668 | 0665 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0668 | 0739 | 0739 | 0739 | 0556 | 0739 | 0557 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00361 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00336 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00333 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00367 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00371 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00372 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00377 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00381 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00382 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00388 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00389 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00391 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00393 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00398 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00401 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00403 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00404 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00405 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00406 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00407 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00408 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00409 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00411 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00412 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00413 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00414 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00415 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00416 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00417 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00418 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00419 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00420 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00421 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00422 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00423 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00424 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00425 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00426 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00427 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00428 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00429 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00430 | |

Hyaline Droplet
 Infarct
 Infiltration Cellular, Lymphocyte
 Inflammation, Chronic Active
 Metaplasia, Osseous
 Nephropathy
 Transitional Epithelium, Hyperplasia

2
 1 1 1
 3 4 1
 1 1 1
 2

Urethra +
 Urinary Bladder + + + + + + + + + A + + + + + + + + + + + + + +
 Infiltration Cellular, Lymphocyte 4
 Infiltration Cellular, Plasma Cell 4
 Inflammation, Chronic Active 4 3
 Ulcer 4
 Lumen, Dilatation 4 3 3 4

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
 I .. Insufficient tissue BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0743 | 0743 | 0750 | 0750 | 0757 | 0757 | 0764 | 0764 | 0771 | 0771 | 0778 | 0778 | 0785 | 0785 | | 0792 | 0792 | |
| ANIMAL ID | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | M | + | + | + | + | + | + | + | 46 | |
| Gallbladder
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | + | + | + | + | + | + | + | + | 41 | 1 3.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | M | + | + | + | + | + | + | + | 40 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | M | + | + | + | + | + | + | + | 41 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | + | + | + | + | + | + | + | + | 42 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | M | + | + | + | + | + | + | + | 40 | |
| Intestine Small, Ileum
Angiectasis | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | M | + | + | + | + | + | + | + | 41 | 1 2.0 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | M | + | + | + | + | + | + | + | 42 | 2 1.5 |
| Liver
Basophilic Focus
Hematopoietic Cell Proliferation
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | X | + | 47 | 1
2 3.0
1 4.0 |
| Pancreas
Inflammation, Chronic Active
Acinus, Degeneration | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 1 2.0
2 1.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|---|---------------------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | | |
| ANIMAL ID | 0082 | 0083 | 0084 | 0089 | 0091 | 0092 | 0093 | 0094 | 0095 | 0099 | 0101 | 0102 | 0103 | 0104 | 0105 | 0106 | 0107 | 0108 | 0109 | 0110 | 0111 | | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | M | + | + | + | + | + | + | + | 45 |
| | | | | 1 | | | | 2 | | | | | | | | | 1 | | 1 | | 1 | | | 13 1.1
1 2.0 |
| Stomach, Forestomach
Keratin Cyst
Ulcer
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| | | | | 1 | | | | 2 | | | | 1 | | 2 | | | | | | | | | | 1
1 1.0
8 2.3 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | A | A | A | + | + | A | + | + | + | + | + | + | + | + | 41 |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Hypertrophy
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | A | A | + | + | + | A | + | + | + | + | + | + | + | + | 44 |
| | | | | 2 | | | | 1 | 1 | | | | 1 | 2 | 1 | | 1 | | 1 | 2 | | 1 | | 1 2.0
31 1.3 |
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | A | A | + | + | + | A | + | + | + | + | + | + | + | + | 44 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | 46 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | | |
| ANIMAL ID | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Parathyroid Gland Cyst | + | + | + | M | M | + | + | + | + | A | + | + | + | + | + | M | + | + | + | + | + | + | + | 41 | 1 2.0 |
| Pituitary Gland | + | + | M | + | + | + | + | + | + | A | + | + | + | + | M | M | + | + | + | + | + | + | + | 42 | |
| Thyroid Gland Follicle, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 5 1.2 |
| Follicular Cell, Hyperplasia | 1 | | | | | | | 1 | | | | | | | | | | | | | 1 | | | | 1 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------|
| Epididymis | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | M | + | + | + | + | M | + | + | 44 | |
| Exfoliated Germ Cell Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Spermatocoele | | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Penis | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 3 1 3.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 1 4.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 4 1 4.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | 46 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 2.5 |
| Degeneration | 2 | | | 2 | | | 4 | | | 4 | | | 4 | | 2 | | | | | 3 | | 4 | 4 | | 15 3.1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|--------|--------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | | |
| ANIMAL ID | 00582 | 00583 | 00584 | 00589 | 00591 | 00592 | 00593 | 00594 | 00595 | 00596 | 00597 | 00598 | 00599 | 00600 | 00601 | 00602 | 00603 | 00604 | 00605 | 00606 | 00607 | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | M | + | + | + | + | + | + | 45 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Hemorrhage | | | | | | | | | | | | | | 1 | | | | | 2 | | | | 4 1.8 | |
| Hyperplasia, Lymphoid | 2 | | 2 | | 3 | | 2 | | | | | | | 1 | | | | | | 2 | | 2 | 11 2.0 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Spleen | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | A | + | + | + | + | + | + | 45 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Developmental Malformation | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Hematopoietic Cell Proliferation | | | | 3 | | 2 | | | 3 | | | 4 | | | | | | | 4 | 4 | | | 14 3.3 | |
| Hyperplasia, Lymphoid | 3 | 3 | 3 | 3 | | | 3 | | | | | | | 2 | | | 2 | | | 3 | | 2 | 21 2.4 | |
| Hyperplasia, Stromal | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Necrosis | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 | |
| Pigmentation | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Thymus | + | + | + | + | + | M | + | + | + | + | + | A | + | + | M | M | + | + | + | + | + | + | 40 | |
| Atrophy | | 2 | 4 | 2 | 3 | | 4 | | 2 | | | | 3 | 2 | | | 4 | 4 | 3 | | | 4 | 4 | 21 2.9 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Skin | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | 2 | | | | 2 2.0 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | 3 | | | 1 3.0 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 3 | | 2 2.5 | |
| Sebaceous Gland, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | |
| ANIMAL ID | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 | 00581 | 00582 | 00583 | 00584 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Bone, Femur
Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 2.0 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | M | + | + | + | + | + | + | + | 44 | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Brain, Brain Stem
Mineralization | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | M | + | + | + | + | + | + | + | 45 | 27 | 1.0 |
| Brain, Cerebellum
Necrosis | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | M | + | + | + | + | + | + | + | 45 | 1 | 1.0 |
| Brain, Cerebrum
Inflammation, Suppurative
Mineralization | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | M | + | + | + | + | + | + | + | 45 | 1 | 1.0 |
| | | | 1 | | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | | | 18 | 1.0 |
| Peripheral Nerve, Sciatic
Axon, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | M | + | + | + | + | + | + | + | 45 | 24 | 1.1 |
| | 1 | | 1 | | | | | | | | | | 1 | 1 | | | | 1 | | 1 | | 2 | | | | |
| Spinal Cord, Cervical
Axon, Degeneration
Nerve, Degeneration
Neuron, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | 46 | 6 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Spinal Cord, Lumbar
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 19 | 1.0 |
| | 1 | | 1 | 1 | | 1 | 1 | | | | | | | | 1 | | | | 1 | 1 | 1 | | | | 35 | 1.1 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | | | 1 | 1 | 1 | | 1 | | 1 | 2 | 2 | 1 | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:52
First Dose M/F: 05/26/05 / 05/26/05
Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| | ANIMAL ID | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0463 | 0750 | 0757 | 0672 | 0779 | 0683 | 0050 | 0739 | 0706 | 0707 | 0707 | 0707 | 0661 | 0707 | 0705 | |

* TOTALS

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-------|
| Spinal Cord, Thoracic
Axon, Degeneration
Neuron, Degeneration | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 29 1.0 | 1 1.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-------|

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|-------|
| Lung
Infiltration Cellular, Histiocyte
Inflammation, Chronic Active
Alveolar Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 4 3.8 | 1 2.0 | 9 2.1 |
| Nose
Hyaline Droplet | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | M | + | + | + | + | + | + | + | 46 | 2 2.0 | | |
| Trachea | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|-------|
| Eye
Cataract
Phthisis Bulbi
Cornea, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | A | A | A | + | + | + | M | + | + | + | + | + | + | + | 41 | 9 1.3 | 1 1.0 | 2 1.5 |
| Harderian Gland
Hyperplasia
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 47 | 2 1.5 | 1 3.0 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | 44 |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|-------|-----|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | | |
| ANIMAL ID | 00582 | 00583 | 00584 | 00589 | 00591 | 00592 | 00593 | 00594 | 00595 | 00596 | 00597 | 00598 | 00599 | 00600 | 00601 | 00602 | 00603 | 00604 | 00605 | 00606 | 00607 | | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | 2 | | | | | | | | | | | | | | | 8 | 1.1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Nephropathy | | 1 | 1 | 1 | 1 | 1 | | | | 1 | | | | | 3 | | | | 1 | 1 | | 1 | 16 | 1.2 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | A | M | + | + | + | + | + | + | 43 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Lumen, Dilatation | | 2 | 4 | | | | | | | | | | | | | | | | | | | 4 | 7 | 3.4 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|-------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| | 0739 | 0738 | 0779 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | |
| ANIMAL ID | 0017 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Gallbladder
Inflammation, Suppurative | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Large, Rectum | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid
Inflammation, Suppurative
Necrosis | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Liver
Angiectasis
Basophilic Focus
Basophilic Focus, Multiple
Infiltration Cellular, Lymphocyte
Vacuolization Cytoplasmic | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0739 | 0378 | 0779 | 0779 | 0779 | 0779 | 0660 | 0769 | 0558 | 0739 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0660 | 0739 | 0779 | 0779 | 0660 | 0769 | 0779 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 001177 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 001177 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 001177 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 001177 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 001177 | |

Mesentery Fat, Necrosis + 4

Pancreas Infiltration Cellular, Lymphocyte Acinus, Degeneration Duct, Dilatation + + + + 1 + + + + 1 + + + + 1 M + + + + + + 1

Salivary Glands Infiltration Cellular, Lymphocyte + + + + 1 + + + + 1 1 1 + + + + 1 A + 1 + 1 + 1 +

Stomach, Forestomach Keratin Cyst Epithelium, Hyperplasia + + + + + + + + X + + + + + + A + + + + + + X X + + + + X 2

Stomach, Glandular + + + + + + A + + + + + + + + + + A + + + + + +

CARDIOVASCULAR SYSTEM

Blood Vessel + + + + + + + + + + + + + + + A + + + + + + +

Heart Cardiomyopathy + + + + + + + + + + + + + + + A + + + + + + +

ENDOCRINE SYSTEM

Adrenal Cortex Hypertrophy Subcapsular, Hyperplasia + + + + + + + + + + + + + + + A + + + + + + + 1 1 2 2 1 1 1 2 1 1 2 1 1 2 2 2 1 1 2 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------------------|
| | 0739 | 0378 | 0073 | 0073 | 0073 | 0073 | 0073 | 0066 | 0077 | 0055 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0066 | 0077 | 0077 | 0077 | 0066 | 0077 | 0077 | | |
| | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | 001171 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Pituitary Gland Pars Distalis, Cyst | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | A | + | + | + | + | + | + |
| Thyroid Gland Infiltration Cellular, Lymphocyte Follicle, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| | | | | | | | | | 1 | | | | | 1 | | | | | | | | | 1 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis Hypospermia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Degeneration | | | 2 | | | | 2 | 4 | | | | | | | | | 2 | | | | | | 4 | 2 |
| Infiltration Cellular, Lymphocyte Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | 1 | 3 | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| | 0739 | 0378 | 0779 | 0779 | 0779 | 0779 | 0660 | 0766 | 0539 | 0758 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0660 | 0766 | 0779 | 0779 | 0660 | 0766 | 0779 | 0779 | |
| ANIMAL ID | 00171 | 00112 | 00113 | 00114 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | |

Duct, Dilatation

Prostate Infiltration Cellular, Lymphocyte + + + + + + + + + + + + + + + + A + + + + + + +

Seminal Vesicle + + + + + + + + + + + + + + + + A + + + + + + +

Testes Seminiferous Tubule, Degeneration + + + + + + + + + + + + + + + + A + + + + + + +
 2 3

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia Thrombosis + + + + + + + + + + + + + + + + A + + + + + + +
 3 3 3

Lymph Node Axillary, Hyperplasia, Lymphoid Lumbar, Hyperplasia, Lymphoid + + A + + + + + + +

Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Plasma Cell + + + + + + + + + + + + + + + + A + + + + + + +
 1 1 1 2 3 2

Lymph Node, Mesenteric Angiectasis Erythrophagocytosis Hemorrhage Hyperplasia, Lymphoid + A + + + + + + + + + + + + + + + + A + + + + + + +
 2 2 2 3 2 2 2 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|------|------|------|------|
| | 0739 | 0378 | 0779 | 0779 | 0779 | 0779 | 0660 | 0766 | 0779 | 0558 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0660 | 0766 | 0779 | | | 0660 | 0766 | 0779 | 0779 | 0660 | 0766 |
| | 0017 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 |

Infiltration Cellular, Histiocyte
 Infiltration Cellular, Mast Cell
 Sinus, Dilatation

2

Spleen
 Depletion Lymphoid
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid

+ + + + + + + + + + + + + + + + A + + + + + + +
 4
 2 3 3 2 2 2 3 3 2 2 4 3 2

Thymus
 Atrophy

+ M + + + + M + + + + + M + + + A + + + + + + +
 4 3 3 2 1 2

INTEGUMENTARY SYSTEM

Mammary Gland

M M M M M M M M M M M M M M M M A + M M M M M M

Skin
 Inflammation, Chronic Active
 Mineralization
 Epithelium, Hyperplasia

+ + + + + + + + + + + + + + + + A + + + + + + +
 2
 1

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ +

Skeletal Muscle

+ + + + + + + + + + + + + + + + A + + + + + + +

NERVOUS SYSTEM

Brain, Brain Stem

+ + + + + + + + + + + + + + + + A + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| | 0739 | 0378 | 0779 | 0779 | 0779 | 0779 | 0660 | 0769 | 0578 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0660 | 0769 | 0779 | 0779 | 0660 | 0769 | 0779 | 0779 | |
| ANIMAL ID | 00171 | 00112 | 00113 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | |
| Mineralization | 1 | 1 | | 1 | | | 1 | | 1 | | | 1 | 1 | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | |
| Brain, Cerebellum Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Brain, Cerebrum Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Hippocampus, Gliosis | 1 | | | 1 | | | 1 | | 1 | | 1 | 1 | | | | 1 | 1 | | | 1 | 1 | 2 | 1 | | |
| Hippocampus, Neuron, Depletion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve, Sciatic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Spinal Cord, Cervical Axon, Degeneration | 1 | | | 1 | 1 | | 1 | | 1 | | 2 | 1 | 1 | 1 | 1 | | 1 | | 1 | | 2 | | | 1 | |
| Spinal Cord, Lumbar Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Nerve, Degeneration | 1 | | 1 | 1 | 1 | | | | | | 1 | | 1 | 1 | | 1 | 1 | | | 1 | 1 | | 1 | | |
| Neuron, Degeneration | 1 | | 1 | 1 | 1 | 1 | | | 1 | | 1 | | 1 | 1 | | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | |
| Spinal Cord, Thoracic Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Infiltration Cellular, Mononuclear Cell Axon, Degeneration | 1 | | | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | | 1 | | 1 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung Infiltration Cellular, Histiocyte | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|------------|--------------------|--|--|--|--|--|
| | 0739 | 0378 | 0779 | 0779 | 0779 | 0779 | 0660 | 0766 | 0579 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0660 | 0766 | 0779 | 0779 | | | 0660 | 0766 | 0779 | 0779 | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011778899 | males
(cont...) | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0011778899 | | | | | | |
| Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | | | 1 | | | | | | | | | | 3 | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | A | | | | | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | | | | | | | | | | | | | | | | | | | | A | | | | | | | | | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | A | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | | | | | | | | | | | | | | | | | | | | A | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | | | | | | | |
| Nephropathy | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | A | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE MALE | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | |
| 0.35 ACRYL | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 4 | |
| ANIMAL ID | 5 | 1 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 45 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | 2 | | | | | | | | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Angiectasis | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | 1 |
| Basophilic Focus, Multiple | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | 1 | | | | | | | 1 | | | | | 2 1.0 |
| Vacuolization Cytoplasmic | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE
0.35 ACRYL | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|--------|--------|
| | ANIMAL ID | 065 | 066 | 067 | 068 | 069 | 070 | 071 | 072 | 073 | 074 | 075 | 076 | 077 | 078 | 079 | 080 | 081 | 082 | 083 | | 084 | 085 |
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Pancreas
Infiltration Cellular, Lymphocyte
Acinus, Degeneration
Duct, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| | | | | | | | | | | | | | | | | | | | | | | 3 1.0 | |
| | 1 | | | | | | | | | | | 1 | | | | | | | | | | 3 1.0 | |
| | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| | 1 | | 1 | 1 | | 1 | | 1 | | 1 | | | | | | 1 | 1 | | | 1 | 1 | 18 1.0 | |
| Stomach, Forestomach
Keratin Cyst
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| | | | | X | | | | | | | | | | | | | | | | | | 5 | |
| | | | 3 | 2 | | | | | | | | | | | | | | | | | | 3 2.3 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Heart
Cardiomyopathy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Hypertrophy
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | |
| | 1 | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | | 2 | 2 | 1 | 39 1.4 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | | 6 | 7 |
| ANIMAL ID | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 4 | 4 | 2 | 4 |
| | 5 | 1 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 9 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 2.0 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | 44 |
| Pituitary Gland Pars Distalis, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 2.0 |
| Thyroid Gland Infiltration Cellular, Lymphocyte Follicle, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 1.0
5 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Epididymis Hypospermia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
3 2.3 |
| Preputial Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
4 2.0 |
| Degeneration | | | 2 | | | | 2 | 2 | | | 2 | | | | | | | | 3 | | 4 | 4 | 12 3.2 |
| Infiltration Cellular, Lymphocyte | | | | | | 2 | | | | | 4 | | | 3 | | | | | | 3 | | | 1 2.0 |
| Inflammation, Suppurative | 1 | | | | | | | | | 4 | | | | | | | | | | | 3 | | 4 2.8 |
| Inflammation, Chronic | | | | | | | | | | | | | | 4 | | | | | | | | | 1 4.0 |
| Inflammation, Chronic Active | | 2 | | | | | | | | | | 2 | 2 | | | 3 | | | 2 | 2 | 2 | | 9 2.1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|------------------|------------------|-----------------------------|
| | 0
6
8
5 | 0
6
8
1 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
5
0
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
4
0 | 0
7
4
0 | | 0
6
2
9 | 0
7
4
0 | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Dilatation | 4 | | | | | | | | | | | | 4 | | | | | | | | | | | 2 4.0 |
| Prostate Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 1 1.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Testes Seminiferous Tubule, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 6 2.3 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow Hyperplasia Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 2 3.0 2 3.5 |
| Lymph Node Axillary, Hyperplasia, Lymphoid Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | + | | | | | | | | | 4 1 2.0 1 2.0 |
| Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | 1 | + | + | + | 2 | + | 2 | + | + | + | + | 2 | + | + | + | + | 47 9 1.6 1 2.0 4 2.3 |
| Lymph Node, Mesenteric Angiectasis Erythrophagocytosis Hemorrhage Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | 46 5 2.0 1 4.0 4 2.3 16 1.9 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------|
| | 06
08
05 | 06
08
01 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | 07
03
09 | | | | |
| | 00
06
09
02 | 00
06
09
03 | 00
06
09
04 | 00
06
09
01 | 00
06
09
02 | 00
06
09
03 | 00
06
09
04 | 00
06
09
01 | 00
06
09
02 | 00
06
09
03 | 00
06
09
04 | 00
06
09
01 | 00
06
09
02 | 00
06
09
03 | 00
06
09
04 | 00
06
09
01 | 00
06
09
02 | 00
06
09
03 | 00
06
09
04 | 00
06
09
01 | 00
06
09
02 | 00
06
09
03 | 00
06
09
04 | |
| Mineralization | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 33 1.0 |
| Brain, Cerebellum Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 1 1.0 | |
| Brain, Cerebrum Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 27 1.0 | |
| Hippocampus, Gliosis | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Hippocampus, Neuron, Depletion | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Peripheral Nerve, Sciatic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 24 1.1 | |
| Spinal Cord, Cervical Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 3 1.0 | |
| Spinal Cord, Lumbar Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 21 1.0 | |
| Nerve, Degeneration | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | | | 1 | 1 | 1 | 1 | | | 1 | 34 1.1 | |
| Neuron, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Spinal Cord, Thoracic Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 1 1.0 | |
| Infiltration Cellular, Mononuclear Cell | | | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Axon, Degeneration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 36 1.0 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Infiltration Cellular, Histiocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 1 4.0 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------------------------|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|--------|
| | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | |
| | 0.35 ACRYL | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 065 | 081 | 009 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | 003 | |
| Alveolar Epithelium, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | 4 1.8 | |
| Nose | + | | | | | | | | | | | | | | | | | | | | 47 | |
| Hyaline Droplet | 2 | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | 46 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | | | | | | | | | | | | | | | | | | | | 44 | |
| Cataract | 2 | | | | | | | | | | | | | | 1 | 1 | | | 1 | | | 6 1.3 |
| Cornea, Inflammation, Chronic Active | | | | 2 | | | | | | | | | | | | | | | 2 | | | 4 2.3 |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | 47 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | | | | | | | | | | | | | | | | | | | | 47 | |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | 1 | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | | | | 1 | 19 1.1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Nephropathy | | | | | | | | | 2 | 1 | | 1 | 2 | | | | | 1 | 1 | 1 | | 15 1.1 |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | 45 | |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | | | | | | | | | | | | | | | | | | 3 1.3 |
| Lumen, Dilatation | | | | | | | | | | | | | | 3 | | | | | | | | 3 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|-------------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|--------------------|
| | 0739 | 0739 | 0593 | 0628 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0679 | 0779 | 0779 | 0779 | | |
| 0.175 ACRYL | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 | 00011 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Duodenum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------------------|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | 0739 | 0739 | 0593 | 0628 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0670 | 0779 | 0779 | 0779 | males
(cont...) |
| | ANIMAL ID | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | 0001111 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Duct, Dilatation | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| | | | | | | | | 1 | 1 | 1 | | | 1 | 2 | 1 | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 |
| Stomach, Forestomach
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | |
| | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart
Polyarteritis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Accessory Adrenal Cortical Nodule
Hypertrophy
Metaplasia, Osseous
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | 1 | 1 | 2 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|-----------|--------------------|
| | 0
7
3
9 | 0
7
3
9 | 0
5
9
3 | 0
6
2
8 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
3
0 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
0
0
1
1 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Pituitary Gland | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | 1 | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | |
| Spermatocoele | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Penis | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | 2 | 2 | | | | | | | | | | | | | | | | | | 2 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------------|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | 0739 | 0739 | 0593 | 0628 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0670 | 0779 | 0779 | 0779 | 0779 | 0779 | males
(cont...) |
| | ANIMAL ID | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | |
| | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | |

Inflammation, Chronic Active
Duct, Dilatation

2

Prostate

+ +

Seminal Vesicle

+ +

Testes
Seminiferous Tubule, Degeneration

+ A + + +
2 1 2

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia

+
3

Lymph Node
Axillary, Hyperplasia, Lymphoid
Axillary, Infiltration Cellular, Plasma Cell
Lumbar, Infiltration Cellular, Plasma Cell
Renal, Infiltration Cellular, Plasma Cell

+

Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell

+
2

Lymph Node, Mesenteric
Angiectasis
Hematopoietic Cell Proliferation
Hemorrhage
Hyperplasia, Lymphoid

+
2 2 1 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| | 0739 | 0739 | 0753 | 0768 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | |
| ANIMAL ID | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | |

Infiltration Cellular, Polymorphonuclear
 Sinus, Dilatation

Spleen
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid
 Pigmentation

Thymus
 Atrophy
 Cyst
 Hyperplasia, Lymphoid

INTEGUMENTARY SYSTEM

Mammary Gland

Skin
 Fibrosis
 Inflammation, Chronic Active
 Ulcer
 Epithelium, Hyperplasia

MUSCULOSKELETAL SYSTEM

Bone, Femur

Skeletal Muscle
 Degeneration

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|
| | 0
7
3
9 | 0
7
3
9 | 0
5
9
3 | 0
6
2
8 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
9
0 | | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | | |
| ANIMAL ID | 0
0
0
1
1 | 0
0
0
1
2 | 0
0
0
1
3 | 0
0
0
1
4 | 0
0
0
2
1 | 0
0
0
2
2 | 0
0
0
2
3 | 0
0
0
2
4 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
5
4 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
7
1 | |
| Brain, Brain Stem Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum Infiltration Cellular, Mononuclear Cell Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peripheral Nerve, Sciatic Infiltration Cellular, Mononuclear Cell Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Cervical Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Lumbar Infiltration Cellular, Mononuclear Cell Axon, Degeneration Nerve, Degeneration Neuron, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Thoracic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum Infiltration Cellular, Mononuclear Cell Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peripheral Nerve, Sciatic Infiltration Cellular, Mononuclear Cell Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Cervical Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Lumbar Infiltration Cellular, Mononuclear Cell Axon, Degeneration Nerve, Degeneration Neuron, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Thoracic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|-------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| | 0
7
3
9 | 0
7
3
9 | 0
5
9
3 | 0
6
2
8 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
9
0 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | | | |
| ANIMAL ID | 0
0
0
1
1 | 0
0
0
1
2 | 0
0
0
1
3 | 0
0
0
1
4 | 0
0
0
2
2 | 0
0
0
2
2 | 0
0
0
2
3 | 0
0
0
2
4 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
4
4 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
6
4 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
7
1 | |

Hemorrhage
 Infiltration Cellular, Histiocyte
 Alveolar Epithelium, Hyperplasia

4
2

Nose
 Hyaline Droplet

+
 2 2 2 3

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye
 Cataract
 Bilateral, Cataract
 Cornea, Inflammation, Chronic Active

+ A + + +
 1 3

Harderian Gland

+ +

URINARY SYSTEM

Kidney
 Hydronephrosis
 Infarct
 Infiltration Cellular, Lymphocyte
 Metaplasia, Osseous
 Mineralization
 Nephropathy
 Polyarteritis

+
 2 2 1 2 1 1 2 1 2 2 1
 1 1 1 1

Urinary Bladder

+ A + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | | | | | |
| | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 9 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | | |
| | 9 | 9 | 3 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 9 | 9 | 9 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 |

Infiltration Cellular, Lymphocyte
 Infiltration Cellular, Plasma Cell
 Inflammation, Chronic Active
 Lumen, Dilatation

1

3

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| C57BL/6N XC3H/HEN MTV-NCTR
 MICE MALE
 0.175 ACRYL | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | | 0739 | 0643 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | 0773 | |
| ANIMAL ID | | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 |
| | | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 | 2341 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|
| Esophagus | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Gallbladder | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 2 1.5 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Intestine Small, Duodenum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 1 3.0 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 | |
| Pancreas | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------------------------------------|
| | 0739 | 0643 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 |
| ANIMAL ID | 00772 | 00773 | 00774 | 00775 | 00776 | 00777 | 00778 | 00779 | 00780 | 00781 | 00782 | 00783 | 00784 | 00785 | 00786 | 00787 | 00788 | 00789 | 00790 | 00791 | 00792 | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47
23 1.1 |
| Stomach, Forestomach
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 46
3 2.7 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Heart
Polyarteritis | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 1.0 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Accessory Adrenal Cortical Nodule
Hypertrophy
Metaplasia, Osseous
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47
1
1 3.0
1 1.0
41 1.2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 7 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | 7 | |
| | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 2 | 3 | 2 | 8 | 4 | 4 | 4 | 4 | 4 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | |
| | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Parathyroid Gland | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Pituitary Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Thyroid Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Ectopic Thymus | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 |
| Polyarteritis | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Degeneration | | | | | | | | | | | | | | | 1 | 1 | | | | 1 | | | 1 | 5 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Epididymis | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 |
| Spermatocoele | 4 | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Penis | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | 2 1 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 1 2.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Cyst | | 2 | | | 3 | | | | | | | | | | | | | | | | | 2 | 6 2.2 |
| Degeneration | 2 | 3 | 2 | | | | | | | | | | | | | 3 | | | | | 1 | | 9 2.6 |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | | | | | | | | | | | | | | | | 2 | 4 1.3 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 7 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | 7 |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 2 | 3 | 2 | 8 | 4 | 4 | 4 | 4 |
| | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 6 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | 7 | 7 | 7 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Inflammation, Chronic Active Duct, Dilatation | 2 | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| | 3 | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Prostate | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| Testes | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Seminiferous Tubule, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | 4 | 1.5 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 2.7 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 |
| Axillary, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Renal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Infiltration Cellular, Plasma Cell | 2 | | | | | | | | | | | | | | | | | | | | | | 6 | 1.8 | |
| | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Hematopoietic Cell Proliferation | 2 | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 2.3 |
| Hemorrhage | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 7 | 1.9 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|------------------------------|----|--|
| | 0739 | 0643 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | | | |
| ANIMAL ID | 00772 | 00773 | 00774 | 00775 | 00776 | 00777 | 00778 | 00779 | 00780 | 00781 | 00782 | 00783 | 00784 | 00785 | 00786 | 00787 | 00788 | 00789 | 00790 | 00791 | 00792 | | | | |
| Infiltration Cellular, Polymorphonuclear Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | 2
2 | 1 2.0
1 2.0 | | |
| Spleen | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | 46 | | |
| Hematopoietic Cell Proliferation | 2 | | | | | | | | | 3 | | 4 | 2 | | | 4 | | 4 | | | | | 9 3.3 | | |
| Hyperplasia, Lymphoid Pigmentation | 3 | | 3 | | 2 | 2 | | 4 | | | 3 | 2 | 2 | 2 | | 3 | | 3 | | 2 | | | 27 2.5 | | |
| | | | | | | | | | | | | 2 | | | | | | | | | | | 2 2.0 | | |
| Thymus | M | M | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | M | + | + | M | + | 41 | |
| Atrophy | | | | 2 | 2 | 3 | | 4 | | 3 | 2 | 2 | 3 | 3 | 3 | | 2 | | 2 | | | 3 | 21 2.8 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 3 | | | | | | | | 2 2.5 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | A | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | | |
| Skin | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 | | |
| Inflammation, Chronic Active | | | | | 1 | | | | | | | | | 1 | | | | 3 | | | | | 5 1.8 | | |
| Ulcer | | | | | | | | | | | | | | | | | | 4 | | | | | 3 3.3 | | |
| Epithelium, Hyperplasia | | | | | 1 | | | | | | | | | 2 | | | | | | | | | 3 1.7 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Skeletal Muscle Degeneration | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 7 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | |
| 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 2 | 3 | 2 | 8 | 4 | 4 | 4 | |
| 9 | 3 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 6 | 0 | 0 | 0 | 0 | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 0.175 ACRYL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |
| 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Brain, Brain Stem
Mineralization | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| | 1 | | 1 | 1 | | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | 32 | 1.0 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Brain, Cerebrum
Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Mineralization | | | 1 | | | | | | | | 2 | 1 | 1 | 1 | 2 | 2 | | | 1 | 1 | 1 | 1 | | 1 | 1.0 | |
| | | | 1 | 1 | | 1 | | | | | 2 | 1 | 1 | 1 | 2 | 2 | | | 1 | 1 | 1 | 1 | | 28 | 1.1 | |
| Peripheral Nerve, Sciatic
Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Axon, Degeneration | 1 | | | | | | 1 | 1 | | | | 1 | | 1 | 1 | 1 | | | 1 | 2 | 1 | 1 | 1 | | 2 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 1.0 |
| Spinal Cord, Cervical
Axon, Degeneration | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| | | 1 | | | | | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | 1 | | | | 7 | 1.0 |
| Spinal Cord, Lumbar
Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Axon, Degeneration | 1 | 1 | 1 | 1 | 1 | | | | | | | | | 1 | | | | | | 1 | | | | | 2 | 1.0 |
| Nerve, Degeneration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | | 1 | | 1 | 1 | 1 | 1 | 1 | | 20 | 1.0 |
| Neuron, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 39 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Spinal Cord, Thoracic
Axon, Degeneration | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 2 | | 37 | 1.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|
| Lung | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|--------|-------|
| | 0739 | 0643 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | | |
| ANIMAL ID | 00772 | 00773 | 00774 | 00775 | 00776 | 00777 | 00778 | 00779 | 00780 | 00781 | 00782 | 00783 | 00784 | 00785 | 00786 | 00787 | 00788 | 00789 | 00790 | 00791 | 00792 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Alveolar Epithelium, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | 2 | 3 1.7 |
| Nose | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyaline Droplet | | | | | | 2 | 2 | 2 | | | | | | | | 2 | 2 | | | | | 2 | 11 2.1 | |
| Trachea | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | 45 | |
| Cataract | | | | | | | | | | | 4 | | | | 1 | | | | | | | 1 | 4 1.8 | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | 2 | | | | | | | | 2 | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | |
| Infarct | | | | | | | | 2 | | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | 2 | 1 | | 2 | 1 | | 2 | | | | 1 | 1 | 19 1.4 | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | 1.5 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Nephropathy | 1 | | 1 | | | | | | 2 | | 1 | | | 2 | | | | | | | | 4 | 2 1.5 | |
| Polyarteritis | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-------|
| | 0739 | 0643 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 |
| ANIMAL ID | 0072 | 0073 | 0074 | 0071 | 0078 | 0078 | 0078 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | 1 | | | | | | | | | | | | 4 1.3 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | 4 4 | 3 3.7 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE
0.0875 ACRYL | DAY ON TEST | 0739 | 0602 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0601 | 0405 | 0701 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | males
(cont...) |
| | ANIMAL ID | 00281 | 00282 | 00283 | 00284 | 00285 | 00286 | 00287 | 00288 | 00289 | 00290 | 00291 | 00292 | 00293 | 00294 | 00295 | 00296 | 00297 | 00298 | 00299 | 00300 | 00301 | 00302 | 00303 | 00304 | 00305 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Esophagus | + M + | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + A + + + + + + + + + + + M + + + + + + + + + + + + + + + M | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + A + 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum
Hyperplasia, Lymphoid | + A + 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver
Basophilic Focus
Infiltration Cellular, Lymphocyte
Necrosis | + + + + + X + 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | +
3 |
| Pancreas | + A + | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------------|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | 0739 | 0602 | 0739 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0647 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | males
(cont...) |
| | ANIMAL ID | 00281 | 00282 | 00283 | 00284 | 00285 | 00286 | 00287 | 00288 | 00289 | 00290 | 00291 | 00292 | 00293 | 00294 | 00295 | 00296 | 00297 | 00298 | 00299 | 00300 | 00301 | 00302 | 00303 | 00304 | |

Infiltration Cellular, Lymphocyte
Acinus, Degeneration
Duct, Dilatation

2

2

Salivary Glands
Infiltration Cellular, Lymphocyte

+ A +
2 1

Stomach, Forestomach
Keratin Cyst
Epithelium, Hyperplasia

+ A + X
2

Stomach, Glandular

+ A +

CARDIOVASCULAR SYSTEM

Blood Vessel

+ A +

Heart

+ A +

ENDOCRINE SYSTEM

Adrenal Cortex
Hyperplasia
Subcapsular, Hyperplasia

+ A +
1 1 1 1 1 2 1 2 2 1 1 1 1 1 1 1 1 1 2 2 2

Adrenal Medulla

+ A M + + + + + + + + + + + M + + + + + + + + + +

Islets, Pancreatic
Hyperplasia

+ A +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|
| | 0739 | 0602 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0607 | 0407 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | | | 0707 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00281 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--|
| Parathyroid Gland | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland
Pars Distalis, Cyst | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thyroid Gland
Cyst
Follicle, Degeneration | + | A | + | + | + | + | + | + | + | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | 1
1 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|
| Epididymis
Inflammation, Chronic Active | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Preputial Gland
Cyst
Degeneration
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | + | A | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + | + | + | + | + | + | + | 3
4
2
2 |
| Prostate | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Seminal Vesicle
Lumen, Dilatation | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Testes | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0739 | 0602 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0607 | 0407 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | |

Atrophy

2

3

4

2

3

3

INTEGUMENTARY SYSTEM

Mammary Gland

M A M

Skin

+ A +

Inflammation, Suppurative

Inflammation, Chronic Active

2

Ulcer

2

Epithelium, Hyperplasia

1

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ +

Skeletal Muscle

+ A +

NERVOUS SYSTEM

Brain, Brain Stem

Mineralization

+ A +
 1

Brain, Cerebellum

Gliosis

Neuron, Depletion

+ A +

Brain, Cerebrum

Infiltration Cellular, Mononuclear Cell

Mineralization

+ A +
 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
9 | 0
6
0
2 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
1
7 | 0
4
5
7 | 0
7
1
4 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | | | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 |
| | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 | 0
0
2
8
1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Peripheral Nerve, Sciatic
Axon, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Cervical
Axon, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Lumbar
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration
Nerve, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Thoracic
Axon, Degeneration | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose
Hyaline Droplet | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Cataract | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 9 | 2 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| 0.0875 ACRYL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | males
(cont...) |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Autolysis | | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyaline Droplet | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | 1 | 1 | | | | 1 | 1 | | | | | 1 | 2 | | | 1 | 1 | | 1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Nephropathy | | | 1 | 1 | | 1 | | | | 1 | | | | | | | | | | | 1 | 1 | | | 1 | 1 |
| Capsule, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|--------|---|
| | 0739 | 0739 | 0739 | 0739 | 0749 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0671 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0678 | 0678 | | 0135 | 0740 | | | | | |
| ANIMAL ID | 005002 | 005034 | 005041 | 005012 | 005033 | 005054 | 005055 | 005023 | 005033 | 005033 | 005044 | 005011 | 005011 | 005011 | 005022 | 005022 | 005044 | 005044 | 005055 | 005055 | 005066 | 005066 | 005011 | 005011 | 005022 | 005033 | 005044 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------|---------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | 42 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | 44 | 6 1.3 |
| Intestine Large, Colon | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | 44 | |
| Intestine Large, Rectum | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | 44 | |
| Intestine Small, Duodenum | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | 44 | |
| Intestine Small, Ileum
Hyperplasia, Lymphoid | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | 44 | 1 3.0 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | 44 | 1 3.0 |
| Liver
Basophilic Focus
Infiltration Cellular, Lymphocyte
Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 3
1 1.0
2 3.5 |
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1
1 3.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 46 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 1 | 7 | | | |
| | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 2 | 3 | 4 | | | |
| | 9 | 9 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 1 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 5 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | | | |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Parathyroid Gland | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 44 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Degeneration | | | | 1 | | | | | | | | | | | | | | | | | | | | 3 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| Cyst | | | | | | 2 | | | 2 | | | | | | | | | | | | | | | | 3 2.0 |
| Degeneration | | | | | | | | | | | | | 2 | 2 | | 2 | | | | | | | | | 8 2.5 |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | 2 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | 2 | 2 | | | | | | | | | 2 | | | 6 2.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 45 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 2.5 |
| Testes | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 44 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:52
First Dose M/F: 05/26/05 / 05/26/05
Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
1
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
7
8 | 0
6
7
9 | 0
1
3
5 | |
| ANIMAL ID | 0
0
5
0
2 | 0
0
5
0
3 | 0
0
5
0
4 | 0
0
5
0
1 | 0
0
5
0
2 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 | 0
0
5
0
1 |

Mineralization 1 1 1.0

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 47
2 2.0 |
| Lymph Node
Fat, Inguinal, Inflammation, Suppurative | | | | | | | | | | | | | + | + | | | | | | A | | | | 2
1 4.0 |
| Fat, Inguinal, Necrosis | | | | | | | | | | | | | 4 | | | | | | | | | | | 1 4.0 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | 4 | | | | | | | | | | | 1 2.0 |
| Mediastinal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mandibular
Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 45
1 3.0 |
| Lymph Node, Mesenteric
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | A | + | A | + | 45
4 2.0 |
| Hemorrhage | | 2 | | | | | 4 | 2 | | | | | | | 2 | | | 2 | | | | | | 9 2.3 |
| Hyperplasia, Lymphoid | | | | | | | | 2 | 2 | | 3 | 2 | 2 | | 3 | | | | | | | | | 14 1.9 |
| Infiltration Cellular, Histiocyte | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 2.0 |
| Thrombosis | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 |
| Sinus, Dilatation | | | | | | | | | | | | | | 2 | | | | | | | | | | 3 2.0 |
| Spleen
Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 47
6 3.0 |
| Hyperplasia, Lymphoid | 4 | 2 | 3 | 4 | | 3 | 4 | | 3 | 2 | 2 | 4 | 2 | | 2 | | 2 | | | | | 3 | | 32 2.7 |
| Thymus | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 42 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | 0739 | |
| ANIMAL ID | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | |
| Atrophy | | 3 | 4 | 2 | 4 | 3 | | 2 | | 2 | 4 | 4 | 2 | 3 | 2 | 2 | 4 | 4 | 3 | | | | 4 | 23 3.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 3 3.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| Mineralization | | 1 | 1 | | 1 | | | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | | 1 | | 1 | 27 1.0 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| Gliosis | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Neuron, Depletion | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 1.0 |
| Mineralization | | 1 | 1 | | 1 | | | 1 | | 1 | 1 | | | 1 | 1 | | 1 | 1 | | | | | 1 | 20 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------------|--------------|
| | 0739 | 0739 | 0739 | 0739 | 0734 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | | | |
| ANIMAL ID | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | 00501 | 00502 | 00503 | 00504 | | |
| Peripheral Nerve, Sciatic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46
26 1.1 | |
| Spinal Cord, Cervical Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 45
4 1.0 |
| Spinal Cord, Lumbar Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 45
1 1.0 |
| Axon, Degeneration | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | 1 | 1 | | | | | | | 1 | 1 | | | 1 | 24 1.0 | |
| Nerve, Degeneration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 34 1.0 | |
| Spinal Cord, Thoracic Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 45
36 1.0 |
| 1 | | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 46 | |
| Nose Hyaline Droplet | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 45
6 1.7 |
| 2 | | | | | | | | | | 1 | 2 | 2 | 2 | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye Cataract | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 44
6 1.3 |
| 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
0.0875 ACRYL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 1 | 7 | 9 | 9 |
| | | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 2 | 3 | 4 | | |
| | | 9 | 9 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 1 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 5 | 0 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 2 | 3 | 4 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | 46 |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hyaline Droplet | | | | | | | | | | | | 2 | | | | | | | | | | | 2 2.5 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | | | | 1 | | 1 | | | | 1 | 1 | 1 | 1 | 1 | | | 1 | | | 21 1.1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | 8 1.0 |
| Capsule, Inflammation, Chronic Active | | | | | | | | | | | | | | | | 3 | | | | | | | 1 3.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | 4 | | 4 | 4 3.8 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--------------------|
| | 032 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 079 | 005 | 079 | 079 | 079 | 079 | 073 | 077 | 077 | 077 | 063 | 077 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | |
| | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Lumen, Dilatation | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Large, Colon | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Small, Ileum
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Liver
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Edema | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) | |
|--|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|----------------------------|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |
| CONTROL WATER | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 6 | 7 | 00000000000000000000000000 | males (cont...) |
| | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 4 | 4 | 3 | 4 | 00000000000000000000000000 | |
| | 2 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 9 | 0 | 0 | 9 | 9 | 00000000000000000000000000 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 00000000000000000000000000 | | |
| Infiltration Cellular, Lymphocyte Acinus, Degeneration | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | | | | | | 1 | | | | | 1 | | | 1 | | 1 | 1 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | | | |
| Inflammation, Chronic Active Epithelium, Hyperplasia | | | | | | | | | | 3 | | | | 4 | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Subcapsular, Hyperplasia | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | 1 | 1 | | | | 1 | 1 | | 2 |
| Adrenal Medulla | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|------------------|------------------|--|
| | 0
3
6
2 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | | | 0
7
3
9 | 0
7
3
9 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00091 | |

Hyperplasia

Parathyroid Gland

Pituitary Gland
Pars Distalis, Cyst

Thyroid Gland
Cyst
Infiltration Cellular, Lymphocyte
Follicle, Degeneration

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis
Hypospermia

Preputial Gland
Cyst
Degeneration
Hemorrhage
Infiltration Cellular, Lymphocyte
Inflammation, Suppurative
Inflammation, Chronic Active

Prostate

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | males
(cont...) |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|
| | 0 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| Seminal Vesicle | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Testes | | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | | |
| Spermatocoele | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Seminiferous Tubule, Degeneration | 1 | | | | | 2 | | | | | | | | | | | | | | | | | | | | 3 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mesenteric | A | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Angiectasis | | 2 | | | | 2 | | | | | | | | | | | | | | | | | 2 | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | 2 | | | | 2 | | | | | | | | 2 | | 2 | | | |
| Hyperplasia, Lymphoid | | | | | 2 | | | | 1 | | | | | | | | | | | | | 2 | | 2 | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Sinus, Dilatation | | | | | | | | | 2 | | 2 | | | | | | | | | | | | | | | |
| Spleen | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C57BL/6N XC3H/HEN MTV-NCTR | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | |
| MICE MALE | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 9 | |
| CONTROL WATER | 2 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 3 | 9 | 9 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 9 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | |
| | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | |
| | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | 4 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 4 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | M M M M M M M M M M M + M M M M M M M M M M M M M M M | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone, Femur | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | + A + + | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Brain, Brain Stem | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebellum | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--------------------|-----|
| | 032 | 033 | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 | 050 | 051 | 052 | 053 | 054 | 055 | | | 056 |
| Brain, Cerebrum
Hemorrhage
Infiltration Cellular, Mononuclear Cell
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| | | | 1 | 1 | 1 | 1 | | 2 | 1 | | 1 | 1 | | | 1 | | 2 | | | 1 | | | 1 | | 1 | | |
| Peripheral Nerve, Sciatic
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | 1 | | 1 | 1 | 2 | 1 | 1 | | 2 | | 1 | | | 1 | 1 | 1 | | | | 1 | | 1 | 1 | | |
| Spinal Cord, Cervical
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord, Lumbar
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | 1 | 1 | | 1 | 1 | 1 | | 1 | | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 | | 1 | | |
| | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | | |
| Spinal Cord, Thoracic
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | 1 | 1 | 1 | | 1 | | 1 | 2 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Infiltration Cellular, Histiocyte
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | 4 | | | 3 | | | | | | | |
| Nose
Hyaline Droplet
Posterior To Upper Incisor, Dysplasia | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--------------------|-----|-----|
| | 032 | 033 | 034 | 035 | 036 | 037 | 038 | 039 | 040 | 041 | 042 | 043 | 044 | 045 | 046 | 047 | 048 | 049 | 050 | 051 | 052 | 053 | 054 | 055 | 056 | | | 057 | 058 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 2 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 |
| | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
3
8 | 0
7
3
9 | 0
7
3
9 | 0
4
3
5 | | 0
6
3
9 | |
| | 0
0
8
3
2 | 0
0
8
3
3 | 0
0
8
3
4 | 0
0
8
4
1 | 0
0
8
4
2 | 0
0
8
4
3 | 0
0
8
4
4 | 0
0
8
5
5 | 0
0
8
5
5 | 0
0
8
5
5 | 0
0
9
1
1 | 0
0
9
1
1 | 0
0
9
1
1 | 0
0
9
2
2 | 0
0
9
2
2 | 0
0
9
2
2 | 0
0
9
2
3 | 0
0
9
2
4 | 0
0
9
3
1 | 0
0
9
3
2 | 0
0
9
3
3 | 0
0
9
3
3 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| Esophagus | + | + | + | + | M | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 46 | |
| Gallbladder
Lumen, Dilatation | + | + | + | + | A | + | + | + | + | + | + | + | M | A | + | + | + | + | + | + | + | + | 43 | 1 3.0 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 43 | 4 1.8 |
| Intestine Large, Colon | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 44 | |
| Intestine Large, Rectum | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 44 | |
| Intestine Small, Duodenum | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 43 | |
| Intestine Small, Ileum
Hyperplasia, Lymphoid | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 43 | 1 3.0 |
| Intestine Small, Jejunum | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 44 | |
| Liver
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Thrombosis | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 46 | 3 1.3
2 1.0
1 4.0 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | + | 1 | |
| Pancreas
Edema | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 45 | 1 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------------|--------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00891 | 00892 | 00893 | 00894 | 00895 | 00896 | 00897 | 00898 | 00899 | 00900 | | |
| Infiltration Cellular, Lymphocyte Acinus, Degeneration | | 1 | 1 | | | | | 1 | | | | | | | | | | | | | | 2 1.0
3 1.0 | |
| Salivary Glands | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | |
| Infiltration Cellular, Lymphocyte | 2 | 1 | | 1 | | 2 | 1 | | | | 1 | 1 | | | 2 | | | | 1 | | 1 | 17 1.2 | |
| Stomach, Forestomach | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 | |
| Keratin Cyst | X | X | | | | | | | | | | | | | | | | | | | | 2 | |
| Stomach, Glandular | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 44 | |
| Inflammation, Chronic Active Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 3.0
1 4.0 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Heart | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | |
| Accessory Adrenal Cortical Nodule | X | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hyperplasia | | | | | | | | | | | | | | | | | 2 | | | | | 1 2.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Subcapsular, Hyperplasia | 2 | 1 | 2 | 1 | | 1 | 2 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | | 1 | | 1 | 2 2 | 35 1.2 |
| Adrenal Medulla | + | + | M | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 44 | |
| Islets, Pancreatic | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|-------------|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 7 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 4 | 6 | 7 |
| 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 4 | 3 | 3 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 3 | 5 | 9 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 3 | 4 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|----|--|
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | |
| Parathyroid Gland | + | + | + | + | M | + | + | + | + | + | + | M | + | A | + | + | + | + | + | + | + | + | + | 43 | |
| Pituitary Gland | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 44 | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | |
| Thyroid Gland | + | + | + | + | M | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 46 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2.0 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | 1 | 5 | 1.4 | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|----|--|
| Epididymis | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 46 | |
| Hypospermia | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2.5 | | |
| Preputial Gland | + | + | + | + | A | + | M | + | + | + | + | + | M | A | + | + | + | + | + | + | + | + | + | 44 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | 3 | 4 | 3.0 | | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | 1 | 9 | 2.6 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 1 | 6 | 1.3 | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1.5 | | |
| Prostate | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|--------|-------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | 0739 | | | | | |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00891 | 00892 | 00893 | 00894 | 00899 | 00901 | 00902 | 00903 | 00904 | 00909 | 00911 | 00912 | 00913 | 00914 | | | |
| Seminal Vesicle | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 | | |
| Testes | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 | | |
| Spermatocele | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Seminiferous Tubule, Degeneration | | | | | 1 | | | | | | | | | | | | 3 | | | | | | | | | 7 2.1 | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 46 | | |
| Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 3 2.7 | |
| Lymph Node | | | | | | | | | | | | | | | | + | | | | | | | | | + | 3 | | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | 1 3.0 | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 | |
| Lymph Node, Mandibular | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2 1 | | 4 1.5 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Lymph Node, Mesenteric | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 44 | | |
| Angiectasis | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | 6 2.3 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 2.4 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 1.9 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 2.3 | |
| Spleen | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|--|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00891 | 00892 | 00893 | 00894 | 00895 | 00896 | 00897 | 00898 | 00899 | 00900 | | |
| Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | 2 | 2 | 2 | 2 | | 3 | 3 | 2 | 3 | 2 | 2 | 4 | 2 | | 3 | | 1 | | 2 | 3 | | 2 | 5 3.0
32 2.2 |
| Thymus Atrophy
Hyperplasia, Lymphoid | + | M | + | + | A | + | + | + | + | + | + | M | + | + | + | + | M | + | + | M | + | + | 43
18 2.7
1 3.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | A | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 1 |
| Skin Fibrosis
Inflammation, Chronic Active
Mineralization
Ulcer | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2 4.0
1 2.0
1 4.0
1 3.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem Mineralization | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 46
32 1.0 |
| Brain, Cerebellum Hemorrhage | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 46
1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 |
| ANIMAL ID | 00832 | 00833 | 00834 | 00841 | 00842 | 00843 | 00844 | 00851 | 00852 | 00853 | 00854 | 00891 | 00892 | 00893 | 00894 | 00895 | 00896 | 00897 | 00898 | 00899 | 00900 | |
| Brain, Cerebrum Hemorrhage | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | 1 | | | | | 1 | | | 1 2.0 |
| Mineralization | 1 | 1 | 1 | 1 | | 1 | | 1 | | 1 | 1 | | | | 1 | | | 2 | 1 | 1 | 1 | 28 1.1 |
| Peripheral Nerve, Sciatic Axon, Degeneration | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| | 1 | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 2 | 1 | 1 | 1 | 1 | | | 29 1.1 |
| Spinal Cord, Cervical Axon, Degeneration | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| | | | | | | | 1 | | | | | 1 | | 1 | | | | | | | | 5 1.0 |
| Spinal Cord, Lumbar Axon, Degeneration | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| Nerve, Degeneration | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | | 1 | | 1 | 25 1.0 |
| | 1 | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | | | 1 | 1 | | 36 1.1 |
| Spinal Cord, Thoracic Axon, Degeneration | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 38 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Histiocyte Inflammation, Chronic Active | | | | | 1 | | | | | | | | | | | | | | | | | 2 3.5
1 1.0 |
| Nose | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Hyaline Droplet | 2 | | 2 | | | | | | | | | | | | | | | | | | | 4 2.0 |
| Posterior To Upper Incisor, Dysplasia | | | | | | 4 | | | | | | | | | | | | | | | | 1 4.0 |
| Trachea | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
CONTROL WATER | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMAL ID | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 4 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 9 | 9 | 9 | 8 | 9 | 9 | 3 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Eye | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | | |
| Cataract | | | | 1 | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.3 |
| Harderian Gland | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|-----|-----|
| Kidney | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.7 | |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | | 2 | | 1 | | 2 | 1 | 2 | 1 | | 2 | | | | | | 2 | | | | | | | | | | | | | | | | | 22 | 1.3 | |
| Nephropathy | | | 1 | | | | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 13 | 1.0 | |
| Urinary Bladder | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 1.0 |
| Lumen, Dilatation | | | | | | | | | | | | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | 0733 | 0546 | 0590 | 0565 | 0688 | 0733 | 0779 | 0664 | 0672 | 0673 | 0673 | 0673 | 0589 | 0554 | 0738 | 0680 | 0772 | 0574 | 0773 | 0365 | 0668 | 0708 | |
| | ANIMAL ID | 00051 | 00052 | 00053 | 00054 | 00061 | 00062 | 00063 | 00064 | 00071 | 00072 | 00073 | 00074 | 00081 | 00082 | 00083 | 00084 | 00088 | 00091 | 00092 | 00093 | 00094 | 00101 | 00102 |
| | sex | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | M | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + |
| Gallbladder | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | A | + | + | + | + | A | A | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid
Epithelium, Hyperplasia | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | A | + | + | + | + | A | A | + |
| | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | A | + | + | + | + | A | A | + |
| Intestine Large, Rectum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | A | + |
| Intestine Small, Duodenum
Hyperplasia, Lymphoid | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | A | + | + | + | + | A | A | + |
| Intestine Small, Ileum | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | A | + | + | + | + | A | A | + |
| Intestine Small, Jejunum | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | A | + | + | + | + | A | A | + |
| Liver | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Angiectasis | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Autolysis | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Basophilic Focus | | | | X | | | | | X | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
3 | 0
5
4
6 | 0
5
9
0 | 0
5
6
5 | 0
6
8
8 | 0
7
3
9 | 0
7
3
9 | 0
6
4
5 | 0
6
8
4 | 0
7
2
1 | 0
7
3
9 | 0
7
3
9 | 0
5
8
9 | 0
5
4
2 | 0
7
3
9 | 0
6
8
0 | 0
7
3
4 | 0
7
3
9 | 0
5
4
9 | 0
7
3
9 | | | 0
3
6
5 | 0
6
8
4 | 0
7
0
8 |
| | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
6
4 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
7
6 | 0
0
0
7
1 | 0
0
0
7
2 | 0
0
0
7
3 | 0
0
0
7
4 | 0
0
0
8
2 | 0
0
0
8
3 | 0
0
0
8
4 | 0
0
0
8
1 | 0
0
0
9
2 | 0
0
0
9
3 | 0
0
0
9
4 | 0
0
0
9
5 | 0
0
0
9
6 | 0
0
0
9
7 | 0
0
0
9
8 | 0
0
0
9
9 |

Necrosis
 Tension Lipidosis
 Vacuolization Cytoplasmic

1
 2

Mesentery

+

Pancreas
 Infiltration Cellular, Lymphocyte

+ + + A + + + + + + + + + A + + A + + + + A A +
 2 2

Salivary Glands
 Infiltration Cellular, Lymphocyte

+ + + M + + + + + + + + + A + + + + + + + A + +
 2 1 1 1 2 1 2 1 1 2

Stomach, Forestomach
 Autolysis
 Epithelium, Hyperplasia

+ + + A + + + + + + + + + + + + + A + + + + A + +
 2 1 2 1 3 3 4

Stomach, Glandular
 Autolysis
 Epithelium, Hyperplasia

+ + + A + + + + + + + + + + + + + A + + + + A A +
 4 2

CARDIOVASCULAR SYSTEM

Blood Vessel

+ + + A +

Heart
 Cardiomyopathy
 Thrombosis

+ + + A +
 2

ENDOCRINE SYSTEM

Adrenal Cortex

+ + + A + + + + + + + + + + + A + + A + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | females
(cont...) | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
| | 7 | 5 | 5 | 5 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 3 | 6 | 6 | 7 | 0 | | | 0 |
| | 3 | 4 | 9 | 6 | 8 | 3 | 3 | 4 | 8 | 2 | 3 | 3 | 3 | 8 | 4 | 3 | 8 | 2 | 3 | 4 | 3 | 3 | 6 | 8 | 0 | 8 | | | | |
| | 3 | 6 | 0 | 5 | 8 | 9 | 9 | 5 | 4 | 1 | 9 | 9 | 9 | 9 | 2 | 9 | 0 | 9 | 3 | 4 | 9 | 9 | 5 | 4 | 8 | 8 | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 1 | | | |

Accessory Adrenal Cortical Nodule
Subcapsular, Hyperplasia

4 2 2 2 2 3 2 2 2 2 2 3 2 2 2 3 2 2 2 1 2

Adrenal Medulla

+ + + A + + + + + + + + + + A + + A + + + + + + + +

Islets, Pancreatic
Hyperplasia

+ + + A + + + + + + + + + + A + + A + + + + + A A +

Parathyroid Gland

+ + + M + + + + M + + + + + M + + A + + + M + + +

Pituitary Gland
Pars Distalis, Hyperplasia

+ + M A + + + + + + + + + + M + + + + + + + + + +

Thyroid Gland
Cyst
Infiltration Cellular, Lymphocyte
Follicle, Degeneration

+ + + M + + + + + + + + + + M + + A + + + + + A + + +

GENERAL BODY SYSTEM

Tissue NOS

+ +

GENITAL SYSTEM

Clitoral Gland
Degeneration
Inflammation, Suppurative

+ + + A + + + + + + + + + + A + M + + + + + + + + + +

Ovary
Angiectasis
Atrophy

+ + + A + + + + + + + + + + A + + A + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|
| | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | 0755 | 0756 | |
| ANIMAL ID | 00051 | 00052 | 00053 | 00054 | 00055 | 00056 | 00057 | 00058 | 00059 | 00060 | 00061 | 00062 | 00063 | 00064 | 00065 | 00066 | 00067 | 00068 | 00069 | 00070 | 00071 | 00072 | 00073 | 00074 | 00075 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|---|--|---|--|---|---|---|--|---|---|--|--|--|---|--|--|--|---|---|--|--|---|
| Cyst | | | | | 3 | | 4 | 4 | 4 | | 3 | 2 | | | | 3 | | | | 3 | 3 | | | 2 |
| Hemorrhage | | | | | | | 3 | 4 | | | | | | | | | | | | 3 | | | | |
| Thrombosis | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Granulosa Cell, Hyperplasia | | | 4 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Uterus | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + |
| Angiectasis | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Edema | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | 3 | 4 | | | | | | | | | | | | | | | |
| Hydrometra | | | | | 4 | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Stromal | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Thrombus | | | | | | | | | | 4 | | | | | | 2 | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 2 | 2 | 3 | | 2 | | | | | 3 | 4 | 2 | | 2 | 1 | | 4 | 2 | | 1 | 2 | 2 | | 1 | 4 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + |
| Hyperplasia | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | 2 | 3 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | M | M | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | 1 | | | | | | | 1 | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|------|------|------|--|
| | 0733 | 0754 | 0759 | 0756 | 0768 | 0773 | 0777 | 0766 | 0766 | 0777 | 0777 | 0777 | 0777 | 0777 | 0755 | 0755 | 0777 | 0766 | 0777 | 0777 | | | 0733 | 0766 | 0767 | 0768 | 0773 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid Sinus, Dilatation | 2 | | | | 2 | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Spleen | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 4 | 2 | | | 4 | | | 4 | 4 | 3 | 2 | | | | 3 | 4 | | | 3 | | | | | | 3 | | | |
| Hyperplasia, Lymphoid | 3 | | | | 3 | 3 | 2 | | | | | | | 3 | 3 | 3 | | 4 | | | 3 | | 3 | 2 | | | | |
| Thymus | + | + | + | + | + | M | + | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | | |
| Atrophy | 4 | | | | 3 | | | 3 | 4 | | | | | 2 | | | | 4 | | 4 | | | 2 | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | |
| Autolysis | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Skin | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skeletal Muscle | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) | |
|-------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|-------------------|
| | 0733 | 0754 | 0759 | 0756 | 0768 | 0773 | 0777 | 0766 | 0766 | 0777 | 0777 | 0777 | 0777 | 0755 | 0755 | 0777 | 0766 | 0777 | 0777 | 0733 | | | 0766 |
| 0.70 ACRYL | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 00000000000000000000 | females (cont...) |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem
Mineralization | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + |
| | 1 | | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | 1 | | 1 | | | | | | | 1 |
| Brain, Cerebellum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + |
| Brain, Cerebrum
Infiltration Cellular, Histiocyte
Infiltration Cellular, Mononuclear Cell
Mineralization
Meninges, Pigmentation | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + |
| | 1 | | | | 1 | 1 | 1 | | | | 1 | | | | | | | | | 1 | | | | | 1 |
| Peripheral Nerve, Sciatic
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration
Schwann Cell, Hyperplasia | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + |
| | 1 | | | | 1 | 1 | | | 1 | | 1 | 1 | | | | 1 | 1 | | | | 2 | 2 | | | 1 |
| Spinal Cord, Cervical
Axon, Degeneration | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| | | | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | |
| Spinal Cord, Lumbar
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration
Nerve, Degeneration | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| | 1 | | | | 1 | | | | | | 1 | 1 | | 1 | | | | 1 | 1 | | 1 | | 1 | 1 | |
| | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | |
| Spinal Cord, Thoracic
Axon, Degeneration | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| | 1 | | | | 1 | 1 | | | 1 | | 1 | | | | | 1 | | 1 | 1 | | 1 | 1 | | 1 | |

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|------------------|------------------|
| | 0
7
3
3 | 0
5
4
6 | 0
5
9
0 | 0
5
6
5 | 0
6
8
8 | 0
7
3
9 | 0
7
3
9 | 0
6
4
5 | 0
6
8
4 | 0
7
2
1 | 0
7
3
9 | 0
7
3
9 | 0
5
8
9 | 0
5
4
2 | 0
7
3
9 | 0
6
8
0 | 0
7
3
4 | 0
5
7
9 | 0
7
3
9 | 0
3
6
5 | | 0
6
8
4 | 0
7
0
8 |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Inflammation, Chronic Active | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 3 | 2 | | | | | | | | | | | | | | 3 | | 2 | | | | 2 | |
| Nose | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | |
| Mucosa, Ulcer | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Trachea | + | + | + | M | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | A | + | + | + | + | + | A | + | + | + | + | A | + | + | A | + | + | + | + | |
| Cataract | | | | | | 1 | 3 | 2 | | | | | | 2 | | | | | | 1 | | 4 3 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | |
| Phthisis Bulbi | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | 4 | | | | | | | |
| Cornea, Degeneration | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | 3 | | | | | | | | | 2 | | | | | | 1 | | |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | |
| Hyperplasia | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 1 | | | | | | | | | | | | |

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|------|
| | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | 0755 | 0756 | | | 0757 | 0758 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| Kidney | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | 1 | | | | | | 1 | | 1 | | | | | | 1 | | | 1 | | | | 1 | |
| Nephropathy | | | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | 1 | | 1 | | 1 | | 1 | 1 | | 1 | | | 1 | | | | | 1 | |
| Lumen, Dilatation | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0673 | 0739 | 0643 | 0739 | 0739 | 0661 | 0668 | 0725 | 0652 | 0655 | 0668 | 0652 | 0656 | 0617 | 0773 | 0773 | 0663 | 0767 | 0667 | 0676 | | 0629 | 0624 | 0622 |
| ANIMAL ID | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00549 | 00549 | 00549 | 00549 | 00549 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|-------|
| Esophagus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | | |
| Gallbladder | A | + | + | + | + | A | A | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 37 | | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid
Epithelium, Hyperplasia | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 37 | 1 1.0 | 1 3.0 |
| Intestine Large, Colon | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 37 | | |
| Intestine Large, Rectum | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 38 | | |
| Intestine Small, Duodenum
Hyperplasia, Lymphoid | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 37 | 1 2.0 | |
| Intestine Small, Ileum | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 37 | | |
| Intestine Small, Jejunum | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 37 | | |
| Liver | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | | |
| Autolysis | 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Inflammation, Chronic Active | | | | | | | | | | | 3 | | 1 | | | | | | | | | 1 | | | 5 1.4 | | |
| Mineralization | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 0673 | 0739 | 0643 | 0773 | 0779 | 0661 | 0668 | 0772 | 0665 | 0672 | 0554 | 0557 | 0668 | 0556 | 0661 | 0777 | 0663 | 0776 | 0667 | 0776 | | 0662 |
| ANIMAL ID | 00542 | 00553 | 00554 | 00555 | 00556 | 00557 | 00558 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|-----|----|--------|
| Necrosis | | | | | 4 | | | | 4 | | | | | | | | | | | | 3 | 3.0 | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | 1 | | | | | | | | 1 | 1.0 | | |
| Mesentery | | | | | + | | | | | | | | | | | | | | | | | | 2 | |
| Pancreas | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | 1 | | | | | | 40 | 3 1.7 |
| Salivary Glands | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | 1 1 | | | | | | | | 1 | | | | 1 | | | | | | 42 | 17 1.3 |
| Stomach, Forestomach | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | 42 | 1 4.0 |
| Epithelium, Hyperplasia | 2 | | | | 3 | | | | 2 3 | | | | | | | | 3 | | | | | | 11 | 2.3 |
| Stomach, Glandular | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | 39 | 1 4.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Blood Vessel | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Heart | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | 45 | |
| Thrombosis | | | | | | | | | | | | | 4 | | | | | | | | | | 44 | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|
| Adrenal Cortex | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | 41 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------|-------|-------|
| | 0673 | 0739 | 0643 | 0773 | 0773 | 0661 | 0666 | 0772 | 0665 | 0654 | 0552 | 0557 | 0668 | 0552 | 0666 | 0117 | 0773 | 0663 | 0773 | 0667 | | | 0674 | 0622 |
| | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 | 00548 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| Accessory Adrenal Cortical Nodule
Subcapsular, Hyperplasia | | | | X | | | | | | | | | | | | | | | | | | | | X | 2
38 2.2 |
| Adrenal Medulla | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 |
| Islets, Pancreatic
Hyperplasia | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 40
2 1.5 |
| Parathyroid Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 |
| Pituitary Gland
Pars Distalis, Hyperplasia | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42
2 3.5 |
| Thyroid Gland
Cyst | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41
1 3.0 |
| Infiltration Cellular, Lymphocyte
Follicle, Degeneration | | 1 | | | | | | | | | | | | | | | | | | | | | | | 2 1.5
2 1.0 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | + | 3 |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------|
| Clitoral Gland
Degeneration
Inflammation, Suppurative | A | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 41
38 4.0
1 2.0 |
| Ovary
Angiectasis
Atrophy | A | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42
4 3.5
30 3.9 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0673 | 0739 | 0643 | 0739 | 0739 | 0661 | 0668 | 0725 | 0662 | 0554 | 0557 | 0628 | 0522 | 0658 | 0117 | 0739 | 0633 | 0739 | 0624 | 0762 | | 0622 |
| ANIMAL ID | 00542 | 00543 | 00544 | 00545 | 00546 | 00547 | 00548 | 00549 | 00550 | 00551 | 00552 | 00553 | 00554 | 00555 | 00556 | 00557 | 00558 | 00559 | 00560 | 00561 | 00562 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|---|---|---|--|--|--|--|---|--|--|--|---|--|--|---|--|---|---|--|----|-----|
| Cyst | | | | 2 | 2 | | | | | 3 | | | | 3 | | | 4 | | 2 | 2 | | 17 | 2.9 |
| Hemorrhage | | | 4 | | | | | | | | | | | | | | | | | | | 4 | 3.5 |
| Thrombosis | | | 4 | | | | | | | | | | | | | | 4 | | | | | 3 | 3.7 |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Granulosa Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Uterus | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Edema | | | | | | | | | | | | | | | | | | | | | | 2 | 4.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Hyperplasia, Stromal | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Thrombus | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Endometrium, Hyperplasia, Cystic | | 3 | 2 | 2 | 2 | 2 | | 2 | 2 | 1 | | | 2 | | 2 | 2 | | 2 | | 2 | 2 | 30 | 2.2 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Bone Marrow | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | |
| Hyperplasia | | | | | | | | | | | 3 | 4 | | | | | | | | | | 6 | 2.7 |
| Lymph Node | | + | | | | + | | | | + | | | | | | + | | | | | + | 8 | |
| Lumbar, Hyperplasia, Lymphoid | | 3 | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Pancreatic, Hyperplasia, Lymphoid | | 3 | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Renal, Hyperplasia, Lymphoid | | 2 | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Lymph Node, Mandibular | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 | |
| Hyperplasia, Lymphoid | | 3 | | | | | | | | | | | 2 | | | | | | | 1 | | 6 | 1.7 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Lymph Node, Mesenteric | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|--------|
| | 0673 | 0739 | 0643 | 0739 | 0739 | 0661 | 0668 | 0725 | 0662 | 0654 | 0557 | 0658 | 0566 | 0617 | 0733 | 0633 | 0763 | 0676 | 0762 | 0676 | | 0629 | |
| ANIMAL ID | 00542 | 00553 | 00554 | 00555 | 00555 | 00555 | 00557 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | | |
| Angiectasis | | | | | | | | 3 | | | | | | | | | | | | | | 1 3.0 | |
| Hemorrhage | | | | | | | | 3 | | | | | | | | | | | | | | 1 3.0 | |
| Hyperplasia, Lymphoid Sinus, Dilatation | | | | | | | | 2 | | 2 | | | | | | | | 3 | | | | 5 2.2 | |
| Spleen | | | | | | | | | | | | | | | | | | | | | | 44 | |
| Autolysis | 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Hematopoietic Cell Proliferation | | | 4 | | | | 4 | | | | 4 | 4 | | | | | 2 | 2 | 3 | | | 18 3.3 | |
| Hyperplasia, Lymphoid | | 4 | | | 4 | | | | | 3 | | | | 3 | | 2 | | 3 | | 3 | 2 | 3 | 20 3.0 |
| Thymus | M | + | + | + | + | A | A | M | + | + | + | + | + | + | | + | + | + | + | + | + | 39 | |
| Atrophy | | | 2 | | | | | | | | 3 | 4 | | | | | 2 | | 4 | 2 | 3 | | 16 3.1 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 3 | 1 2.0 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | A | + | + | + | + | A | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | M | 42 |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Skin | A | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | 43 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | 47 |
| Skeletal Muscle | A | + | + | + | + | + | A | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | 42 |
| Degeneration | | | | | | | 1 | | | | | | | | | | | | | | | | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0673 | 0739 | 0643 | 0773 | 0773 | 0661 | 0668 | 0722 | 0665 | 0652 | 0557 | 0558 | 0627 | 0566 | 0117 | 0773 | 0663 | 0773 | 0667 | 0773 | | 0662 | 0773 | 0662 |
| ANIMAL ID | 00542 | 00553 | 00554 | 00555 | 00556 | 00557 | 00558 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 2 | 3 | 4 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Brain, Brain Stem
Mineralization | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | 16 | 1.0 |
| Brain, Cerebellum | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 | | |
| Brain, Cerebrum
Infiltration Cellular, Histiocyte | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 | 1 | 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Mineralization | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 9 | 1.0 |
| Meninges, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Peripheral Nerve, Sciatic
Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | 1 | 1.0 |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 1.2 |
| Schwann Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Spinal Cord, Cervical
Axon, Degeneration | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 3 | 1.0 |
| Spinal Cord, Lumbar
Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | 1 | 1.0 |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 1.0 |
| Nerve, Degeneration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 32 | 1.1 |
| Spinal Cord, Thoracic
Axon, Degeneration | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 22 | 1.0 |

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|--------|
| | 0673 | 0739 | 0643 | 0739 | 0739 | 0661 | 0668 | 0725 | 0652 | 0655 | 0656 | 0556 | 0617 | 0577 | 0663 | 0611 | 0773 | 0663 | 0773 | 0667 | | 0676 | 0622 |
| ANIMAL ID | 00542 | 00554 | 00555 | 00555 | 00555 | 00555 | 00555 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | 00588 | |
| Lung | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Autolysis | 4 | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | 4 | | | | | 1 4.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | 2 | 1 | | | | 3 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 5 2.4 |
| Nose | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Inflammation, Suppurative | | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Mucosa, Ulcer | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Trachea | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 38 |
| Cataract | | | | | 1 | | | 3 | | | | | | | | | | 1 | 3 | | | | 11 2.2 |
| Inflammation, Chronic Active | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Phthisis Bulbi | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Bilateral, Cataract | | | | | | | | | | | | | | 3 | | | | | | | | | 2 3.5 |
| Cornea, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | 1 | | | | | | | | | | | | 3 1.3 |
| Cornea, Ulcer | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Harderian Gland | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | 1 | | 2 1.5 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|--------|
| | 0673 | 0739 | 0643 | 0739 | 0739 | 0661 | 0668 | 0725 | 0662 | 0554 | 0557 | 0628 | 0556 | 0619 | 0172 | 0733 | 0633 | 0732 | 0667 | 0764 | | 0622 | 0762 | 0622 |
| ANIMAL ID | 00542 | 00553 | 00554 | 00555 | 00556 | 00557 | 00558 | 00559 | 00560 | 00561 | 00562 | 00563 | 00564 | 00565 | 00566 | 00567 | 00568 | 00569 | 00570 | 00571 | 00572 | 00573 | 00574 | 00575 |
| Kidney | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 40 |
| Hyaline Droplet | | | | | | | | | | 3 | | 4 | | | | | | | | | | | | 2 3.5 |
| Infiltration Cellular, Lymphocyte | | | 2 | 1 | 1 | | | | | | | | | | 1 | | | 1 | | 1 | | | | 13 1.1 |
| Nephropathy | | | | | | | | 1 | | | 4 | | | | | | | 1 | | | | | | 5 1.6 |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | 3 | | | | | | 1 3.0 |
| Ureter | | | | | | | | | | + | | | | | | | | | | | | | | 1 |
| Urinary Bladder | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | 38 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | 1 | | | | 1 | | 2 | | 1 | | 13 1.2 |
| Lumen, Dilatation | | | | | | | | | | | 3 | | | | | | | | | | | 4 | | 3 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------------------|-------|-------|-------|
| | 0739 | 0739 | 0221 | 0609 | 0739 | 0661 | 0663 | 0329 | 0779 | 0490 | 0779 | 0533 | 0779 | 0779 | 0662 | 0772 | 0779 | 0667 | 0550 | 0557 | | | 0739 | 0779 | 0779 |
| | 00241 | 00242 | 00243 | 00244 | 00245 | 00241 | 00242 | 00243 | 00244 | 00245 | 00241 | 00242 | 00243 | 00244 | 00245 | 00241 | 00242 | 00243 | 00244 | 00245 | 00241 | 00242 | 00243 | 00244 | 00245 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | A | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | A | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | 2 | | | | 1 | | | | | | 1 | | | | | 2 | 1 | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|-----------|----------------------|
| | 0739 | 0739 | 0721 | 0669 | 0779 | 0661 | 0663 | 0379 | 0749 | 0779 | 0573 | 0779 | 0779 | 0779 | 0662 | 0772 | 0779 | 0667 | 0557 | 0550 | 0773 | 0779 | 0779 | 0779 | | | |
| | 0029 | 0029 | 0021 | 0069 | 0079 | 0061 | 0063 | 0079 | 0049 | 0079 | 0053 | 0079 | 0079 | 0079 | 0062 | 0072 | 0079 | 0067 | 0057 | 0050 | 0073 | 0079 | 0079 | 0079 | | | |
| | 0029 | 0029 | 0021 | 0069 | 0079 | 0061 | 0063 | 0079 | 0049 | 0079 | 0053 | 0079 | 0079 | 0079 | 0062 | 0072 | 0079 | 0067 | 0057 | 0050 | 0073 | 0079 | 0079 | 0079 | | | |

Pancreas
 Infiltration Cellular, Lymphocyte
 Acinus, Degeneration

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | 1 | | | | | 1 | | 1 |

Salivary Glands
 Infiltration Cellular, Lymphocyte

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| 1 | | | 1 | | 1 | | | | | | 2 | | 1 | | | | | 1 | 2 | 2 | | | 2 | 2 | 2 |

Stomach, Forestomach
 Ulcer
 Epithelium, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

Stomach, Glandular
 Cyst
 Epithelium, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

Tongue

CARDIOVASCULAR SYSTEM

Blood Vessel

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

Heart

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

Adrenal Cortex
 Hypertrophy
 Subcapsular, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 1 | 2 | | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |

Adrenal Medulla

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | A | + | M | + | + | + | + | + | + | A | + | M | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
9 | 0
7
3
9 | 0
2
2
1 | 0
6
0
9 | 0
7
3
9 | 0
6
9
1 | 0
6
0
3 | 0
3
2
9 | 0
7
9
0 | 0
4
3
9 | 0
7
5
3 | 0
7
7
9 | 0
7
7
9 | 0
6
2
2 | 0
7
5
2 | 0
7
3
9 | 0
6
7
7 | 0
5
2
0 | 0
5
6
9 | 0
7
3
9 | | | 0
7
3
9 | |
| | 0
0
2
4
1 | 0
0
2
4
2 | 0
0
2
4
3 | 0
0
2
4
4 | 0
0
2
5
1 | 0
0
2
5
3 | 0
0
2
5
4 | 0
0
2
5
4 | 0
0
2
6
1 | 0
0
2
6
3 | 0
0
2
7
4 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | 0
0
2
7
1 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
5
1 | 0
0
2
5
2 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
7
1 | 0
0
2
7
2 |

Islets, Pancreatic
Hyperplasia

+ + A + + + + + + + + A + + + + + + + + + + + + + +

Parathyroid Gland
Cyst

+ + A + + + + + + + + A + + + + + + + + + + + + + +

Pituitary Gland
Pars Distalis, Hyperplasia

+ + A + + + + + + + + A + + + + + + + + + + + + + +

Thyroid Gland
Cyst
Infiltration Cellular, Lymphocyte
Follicle, Degeneration

+ + A + + + + + + + + A + + + + + + + + + + + + + +

GENERAL BODY SYSTEM

Tissue NOS

A

GENITAL SYSTEM

Clitoral Gland
Atrophy
Degeneration
Infiltration Cellular, Lymphocyte

+ + A + + + + + + + + A + + + + + + + + + + + + + +

Ovary
Angiectasis
Atrophy
Cyst
Degeneration

+ + A + + + + + + + + A + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
| | 0
7
3
9 | 0
7
3
9 | 0
2
2
1 | 0
6
0
9 | 0
7
3
9 | 0
6
9
1 | 0
6
0
3 | 0
3
2
9 | 0
7
3
9 | 0
4
9
0 | 0
7
3
9 | 0
5
3
9 | 0
7
1
7 | 0
6
5
2 | 0
7
3
2 | 0
7
3
2 | 0
6
7
7 | 0
5
2
7 | 0
5
6
0 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | | | |
| ANIMAL ID | 0
0
2
4
1 | 0
0
2
4
2 | 0
0
2
4
3 | 0
0
2
4
4 | 0
0
2
5
1 | 0
0
2
5
2 | 0
0
2
5
3 | 0
0
2
5
4 | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
7
4 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | |
| Hemorrhage | | | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | 4 | | | | | 4 | | | | | | | | | | | | | | | | | |
| Bilateral, Cyst
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Uterus | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 3 | 3 | | | 2 | 2 | 3 | 1 | | | 1 | | | 2 | 2 | 3 | | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | + |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | 3 | | | 3 | | | | | 3 | | | | | | | | | |
| Lymph Node | | | + | | + | | | + | + | + | | | | + | | + | + | + | | | + | | | + | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Infiltration Cellular,
Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thoracic, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | 2 | 1 | | | | | | 2 | | | | | | | | | | | | 2 | 1 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 2 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|-------|------|
| | 0739 | 0739 | 0721 | 0726 | 0727 | 0726 | 0726 | 0723 | 0727 | 0724 | 0727 | 0725 | 0727 | 0727 | 0726 | 0727 | 0727 | 0726 | 0725 | 0725 | | | 0727 | 0727 | 0727 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00241 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte | + | + | A | + | + | + | + | + | + | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 1 | 2 | 2 | 3 | | | | |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | 4 | 3 | 4 | 3 | 2 | 3 | 2 |
| Thymus
Angiectasis
Atrophy
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | M | + | + | + | + | + | 3 | 2 | 3 | 3 | 4 | 3 | 3 | 4 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Fibrosis
Alveolus, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | 3 | 3 |
| Skin
Fibrosis
Inflammation, Chronic Active
Necrosis
Sebaceous Gland, Hyperkeratosis
Sebaceous Gland, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------------------|-------|-------|
| | 0739 | 0739 | 0721 | 0669 | 0779 | 0661 | 0663 | 0372 | 0749 | 0779 | 0573 | 0779 | 0771 | 0779 | 0662 | 0772 | 0779 | 0667 | 0552 | 0550 | | | 0773 | 0779 |
| | 00241 | 00242 | 00243 | 00244 | 00245 | 00241 | 00242 | 00243 | 00244 | 00245 | 00241 | 00242 | 00243 | 00244 | 00241 | 00242 | 00243 | 00244 | 00245 | 00241 | 00242 | 00243 | 00244 | 00245 |

Skeletal Muscle
 Degeneration
 Infiltration Cellular, Lymphocyte

+ + A + + + + + + + + A + + + + + + + + + + + + + +

NERVOUS SYSTEM

Brain, Brain Stem
 Compression
 Mineralization

+ + A + + + + + + + + A + + + + + + + + + + + + + +
 1

Brain, Cerebellum

+ + A + + + + + + + + A + + + + + + + + + + + + + +

Brain, Cerebrum
 Infiltration Cellular, Mononuclear Cell
 Mineralization

+ + A + + + + + + + + A + + + + + + + + + + + + + +
 1

Peripheral Nerve, Sciatic
 Infiltration Cellular, Mononuclear Cell
 Axon, Degeneration
 Schwann Cell, Hyperplasia

+ + A + + + + + + + + A + + + + + + + + + + + + + +
 2 1

Spinal Cord, Cervical
 Compression
 Cyst
 Infiltration Cellular, Mononuclear Cell
 Axon, Degeneration

+ + A + + + + + + + + A + + + + + + + + + + + + + +
 1

Spinal Cord, Lumbar
 Infiltration Cellular, Mononuclear Cell
 Axon, Degeneration

+ + A + + + + + + + + A + + + + + + + + + + + + + +
 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 |
| ANIMAL ID | 00241 | 00242 | 00243 | 00244 | 00245 | 00246 | 00247 | 00248 | 00249 | 00250 | 00251 | 00252 | 00253 | 00254 | 00255 | 00256 | 00257 | 00258 | 00259 | 00260 | 00261 | 00262 | 00263 | 00264 | 00265 | |
| Nerve, Degeneration | 1 | 1 | | | 1 | 1 | | | | 1 | | | 1 | | | 1 | 1 | 1 | 1 | | | | 1 | 1 | 3 | |
| Spinal Cord, Thoracic Cyst | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Gliosis | | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell Axon, Degeneration | 1 | 1 | | | 1 | 1 | | | 1 | | | 1 | | | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Hemorrhage | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | 2 | | | | | | | | | | | 1 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye Cataract | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Suppurative | | | 2 | | | | | | | | | | 2 | | | | | 1 | 4 | | | | | 2 | | |
| Phthisis Bulbi | | | | | | | X | | | | | | | | | | | | | | | | X | | | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Cornea, Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|----------------------|
| | 0739 | 0739 | 0721 | 0726 | 0727 | 0726 | 0726 | 0723 | 0727 | 0724 | 0727 | 0725 | 0727 | 0727 | 0726 | 0727 | 0727 | 0726 | 0725 | 0725 | 0727 | 0727 | 0727 | | |
| ANIMAL ID | 00241 | 00242 | 00243 | 00244 | 00245 | 00246 | 00247 | 00248 | 00249 | 00250 | 00251 | 00252 | 00253 | 00254 | 00255 | 00256 | 00257 | 00258 | 00259 | 00260 | 00261 | 00262 | 00263 | | |

Cornea, Inflammation, Chronic Active
Cornea, Ulcer

1

3

Harderian Gland
Autolysis
Infiltration Cellular, Lymphocyte

+ + A +

URINARY SYSTEM

Kidney
Hyaline Droplet
Infiltration Cellular, Lymphocyte
Metaplasia, Osseous

+ + A + + + + + + + + A + + + + + + + + + + + +

1 1 2 2 1 1

Urinary Bladder
Infiltration Cellular, Lymphocyte
Lumen, Dilatation

+ + A + + + + + + + + A + + + + + + + + + + + +

1 1 1 1 1 1 3 1 1 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|
| | 0739 | 0738 | 0604 | 0703 | 0604 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0602 | 0502 | 0703 | 0504 | 0408 | 0701 | 0605 | 0703 | 0704 | | 0704 | 0704 | 0501 |
| ANIMAL ID | 00622 | 00633 | 00624 | 00601 | 00602 | 00603 | 00606 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 5 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | 5 |
| | 3 | 0 | 0 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 8 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 1 | 4 |
| | 9 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 7 | 9 | 1 | 1 | 5 | 5 | 9 | 0 | 0 | 0 | 0 | 4 | 4 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 44 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 44 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Angiectasis | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Autolysis | | | | | | | | | | | | | | | 4 | | | | | | | | | | 1 4.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hematopoietic Cell Proliferation | | 2 | | 1 | | | | | | | 1 | | | | 2 | | 1 | | | | | | | | 5 1.4 |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | | | | | | | | | | 1 | | | 2 | | | | | | | | 9 1.3 |
| Inflammation, Chronic Active | | | | 1 | | | | | | | 1 | | | | | | | | | | | | | | 2 1.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Vacuolization Cytoplasmic | | | | 1 | | | | | | 1 | | 2 | | 2 | | | | | | | | | | | 4 1.5 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|----------------|
| | 0739 | 0738 | 0604 | 0703 | 0604 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0602 | 0502 | 0703 | 0504 | 0408 | 0701 | 0605 | 0703 | 0704 | | 0704 | 0704 | 0501 |
| ANIMAL ID | 00622 | 00663 | 00664 | 00661 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Infiltration Cellular, Lymphocyte
Acinus, Degeneration | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | 5 1.0
1 1.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | | 2 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | | | | 1 | 1 | | | | 24 1.3 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Ulcer | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Hyperplasia | | | | | | | 2 | 2 | | 3 | | | | | | | | | | | 2 | | | 4 2.3 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Cyst | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 1.0 |
| Epithelium, Hyperplasia | | | | | | | | 4 | 3 | | | | | | | | | | | | | | | 2 3.5 |
| Tongue | | | | | | | | | | | | | | | | | | | | | + | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Hypertrophy | | | | | | | | | | 3 | | | | | | | | | | | | | | 1 3.0 |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 45 2.1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 43 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------------|
| | 0739 | 0738 | 0604 | 0703 | 0604 | 0709 | 0709 | 0709 | 0709 | 0709 | 0709 | 0602 | 0507 | 0709 | 0504 | 0408 | 0701 | 0605 | 0703 | 0704 | | 0704 | 0704 | 0501 |
| ANIMAL ID | 00622 | 00623 | 00624 | 00621 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 | 00623 |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45
2 2.0 |
| Parathyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | A | M | + | + | + | + | + | + | 43
1 2.0 |
| Pituitary Gland Pars Distalis, Hyperplasia | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 2 | + | 44
4 2.3 |
| Thyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45
2 2.0 |
| Infiltration Cellular, Lymphocyte Follicle, Degeneration | | | | 1 | | | | 1 | | | | | | 1 | | | | | 2 | 2 | | | | 6 1.3 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45
1 4.0 |
| Degeneration | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 43 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Ovary Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45
1 4.0 |
| Atrophy | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 3 | | 4 | 4 | | 4 | 4 | 4 | 3 | 38 3.8 |
| Cyst | | | 2 | | | 2 | 4 | | | | | 2 | 3 | | 2 | | | | 3 | | 2 | 4 | | 17 3.1 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | 4 | | | 1 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|-----|
| | 0
7
3
9 | 0
7
0
8 | 0
6
0
4 | 0
7
3
9 | 0
6
4
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
2
7 | 0
5
2
7 | 0
7
3
9 | 0
5
4
1 | 0
4
8
1 | 0
7
1
5 | 0
6
1
5 | 0
7
3
9 | 0
7
4
0 | 0
7
4
0 | | 0
7
4
0 | 0
5
1
4 | |
| ANIMAL ID | 0
0
6
2
2 | 0
0
6
2
3 | 0
0
6
2
4 | 0
0
6
3
1 | 0
0
6
3
2 | 0
0
6
3
3 | 0
0
6
3
3 | 0
0
6
3
3 | 0
1
0
3
4 | 0
1
0
3
2 | 0
1
0
3
3 | 0
1
0
3
4 | 0
1
0
3
4 | 0
1
0
4
1 | 0
1
0
4
1 | 0
1
0
5
1 | 0
1
0
5
3 | 0
1
0
6
4 | 0
1
0
6
1 | 0
1
0
6
2 | 0
1
0
6
3 | 0
1
0
6
4 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 2 | 4.0 |
| Bilateral, Cyst
Fat, Necrosis | | | | | | | | | | | | | | | 4 | | | | | | 2 | | 3 | 3.3 |
| | | | | | | | | | 3 | | | | | | | | | | | | | | 1 | 3.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Autolysis | | | | | | | | | | | | | | | | | 4 | | | | | | 1 | 4.0 |
| Hydrometra | | | | 4 | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Endometrium, Hyperplasia, Cystic | 2 | 2 | | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | | 2 | 4 | 2 | 2 | 2 | 1 | 38 | 2.3 |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | |
| Hyperplasia | | 4 | | | 4 | | | | | | | | | | | | | | | | | | 5 | 3.4 |
| Lymph Node | | | + | | | | | | | | | + | | | + | | | | | | + | | 15 | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | 1.0 |
| Lumbar, Infiltration Cellular,
Polymorphonuclear | | | 4 | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Mediastinal, Hyperplasia, Lymphoid | | | 2 | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 |
| Renal, Infiltration Cellular, Polymorphonuclear | | | 4 | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Thoracic, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | 1.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | |
| Hyperplasia, Lymphoid | | | | | | | 2 | | 1 | 1 | | | | | | | 1 | 2 | 3 | 2 | | 2 | 13 | 1.7 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | 2 | | | | | | | | 3 | | | | 3 | 2.3 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|---|
| | 0739 | 0738 | 0604 | 0703 | 0604 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0602 | 0502 | 0703 | 0504 | 0408 | 0701 | 0605 | 0703 | 0704 | | 0704 | 0704 | 0501 |
| ANIMAL ID | 00622 | 00633 | 00624 | 00601 | 00602 | 00603 | 00606 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 | 00600 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 44 |
| | | | | | | | | 2 | 1 | | | | | | | 1 | | | | | | 3 | | 8 1.6
1 3.0 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| | | | 4 | | 4 | | | 4 | | | 4 | | | 4 | | | 3 | 3 | 4 | | 2 | | 3 | 14 3.4
24 2.8 |
| Thymus
Angiectasis
Atrophy
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| | | | | | | | 2 | | | | | | | 3 | 3 | 4 | | 4 | | | 4 | 2 | 3 | 1 2.0
17 3.1
2 2.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland
Fibrosis
Alveolus, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0
2 2.5 |
| Skin
Fibrosis
Inflammation, Chronic Active
Necrosis
Sebaceous Gland, Hyperkeratosis
Sebaceous Gland, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| | | | | | | | | | | 3 | | | | | | | | | | | | | | 1 3.0
1 3.0
1 3.0
1 3.0
1 3.0 |
| | | | | | | | | | | | | | | | 3 | | | | | | | | | 1 3.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010

Time Report Requested: 14:38:52

First Dose M/F: 05/26/05 / 05/26/05

Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 5 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | |
| | | 3 | 0 | 0 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 8 | 1 | 1 | 3 | 4 | 4 | 4 | 1 | |
| | | 9 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 7 | 9 | 1 | 1 | 5 | 5 | 9 | 0 | 0 | 0 | 4 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Skeletal Muscle Degeneration Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 1 | 4.0 |
| | | | | | | | | | | | | | | | | | 4 | | | | | | | 1 | 1.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Brain, Brain Stem Compression Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 1 | 3.0 |
| | | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | | 1 | 1 | | 1 | | | | 1 | 1 | | | 24 | 1.0 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | | |
| Brain, Cerebrum Infiltration Cellular, Mononuclear Cell Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 2 | 1.0 |
| | | | 1 | | 1 | | | | 1 | 1 | | | 1 | | | 1 | | | | 1 | 1 | | | 18 | 1.0 |
| Peripheral Nerve, Sciatic Infiltration Cellular, Mononuclear Cell Axon, Degeneration Schwann Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 1 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 17 | 1.2 |
| | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 | 1.0 |
| Spinal Cord, Cervical Compression Cyst Infiltration Cellular, Mononuclear Cell Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| | | | | | | | | 1 | 1 | | | 1 | | 1 | | | | | | 1 | | | | 8 | 1.1 |
| Spinal Cord, Lumbar Infiltration Cellular, Mononuclear Cell Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 | 2 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | 21 | 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-----------|
| | 0739 | 0738 | 0604 | 0703 | 0604 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0602 | 0502 | 0703 | 0504 | 0408 | 0701 | 0605 | 0703 | 0704 | | 0704 | 0704 |
| ANIMAL ID | 00622 | 00632 | 00662 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 | 00663 |
| Nerve, Degeneration | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | | 1 | | 1 | 1 | 1 | 1 | | 32 1.1 |
| Spinal Cord, Thoracic Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 1 |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | X | 1 1.0 |
| Infiltration Cellular, Mononuclear Cell Axon, Degeneration | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 33 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 1 4.0 |
| Hemorrhage | | | | | | | 4 | | | | | | | | | | | | | | | | 2 1.5 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | 2 | | | | 1 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 10 2.3 |
| Cataract | 1 | | | | | | | | | | | 2 | | | 2 | | 3 | | 4 | | | | 1 4.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | 4 | | | | 3 |
| Phthisis Bulbi | | | | | | | | | | | | | | | | | | | | X | | | 1 1.0 |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Cornea, Inflammation, Suppurative | | | | | | | | | | | | | | 3 | | | | | | | | | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | * TOTALS | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|----|-------|--------|
| | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 5 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 3 | 4 | 4 | | | 4 | 4 | 4 |
| C57BL/6N XC3H/HEN MTV-NCTR | 3 | 0 | 0 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 8 | 1 | 1 | 1 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | | | | | |
| MICE FEMALE | 9 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 7 | 9 | 1 | 1 | 5 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 0.35 ACRYL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | |
| | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 4 | 2 3.5 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47 | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | | 45 | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 2.5 |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | 1 | | | 2 | | 1 | 1 | 2 | | | | | | | | | | | | | | | | | | | 1 | 2 | 15 1.3 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 45 | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
 I .. Insufficient tissue BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | 0739 | 0595 | 0739 | 0779 | 0631 | 0779 | 0779 | 0631 | 0779 | 0671 | 0779 | 0671 | 0779 | 0671 | 0779 | 0671 | 0779 | 0671 | 0779 | 0671 | 0779 | 0671 |
| | ANIMAL ID | 00321 | 00322 | 00323 | 00324 | 00325 | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 |
| | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | 1 | 2 | 1 | 1 | | | | | | | | | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | 2 | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | 4 | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | 2 | | | | | | | | | | | | | | | 1 | | |
| Acinus, Degeneration | | | | | | | | | | | 2 | | | | | | | 2 | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|
| | 0739 | 0595 | 0739 | 0739 | 0621 | 0739 | 0739 | 0739 | 0671 | 0739 | 0739 | 0739 | 0672 | 0739 | 0739 | 0679 | 0739 | 0739 | 0676 | 0739 | 0739 | 0739 | 0739 | 0739 | | |
| | 0021 | 0022 | 0023 | 0024 | 0021 | 0022 | 0023 | 0024 | 0021 | 0022 | 0023 | 0024 | 0021 | 0022 | 0023 | 0024 | 0021 | 0022 | 0023 | 0024 | 0021 | 0022 | 0023 | 0024 | 0021 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Salivary Glands
Hyperplasia
Infiltration Cellular, Lymphocyte
Acinus, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 2 | 2 | | | | 1 | 1 | 2 | | 2 | 1 | 1 | | | 1 | | | | | | 1 | 1 | 1 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | 3 | | | | | | | | | 2 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Tongue
Inflammation, Chronic Active
Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Hypertrophy
Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|
| | 0739 | 0595 | 0739 | 0739 | 0621 | 0739 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | |
| ANIMAL ID | 00321 | 00322 | 00323 | 00324 | 00325 | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 | 00343 | 00344 | |

Hydrometra
 Endometrium, Hyperplasia, Cystic

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|---|---|
| | | | | 4 | | | | | | | | | | | | | | | | | | 4 | | 4 | |
| | 2 | 4 | 2 | 3 | | 1 | 4 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 3 | 4 | 3 | 4 | 2 | | 3 | 3 | | 2 | 2 |

HEMATOPOIETIC SYSTEM

Bone Marrow
 Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | 3 | | | |

Lymph Node

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

Lymph Node, Mandibular
 Hyperplasia, Lymphoid
 Infiltration Cellular, Plasma Cell

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | 2 | | 2 | | 2 | 2 | 2 | | | | | | | | | | | | | | 1 |

Lymph Node, Mesenteric
 Angiectasis
 Hematopoietic Cell Proliferation
 Hemorrhage
 Hyperplasia, Lymphoid
 Infiltration Cellular, Plasma Cell
 Inflammation, Chronic Active

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1 | | | | | | | 3 | 2 | | | | | | | | | | | | 3 | |
| | | | | | 4 | | | | | | | | | | | | | | | | | | | |

Spleen
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid
 Infiltration Cellular, Mast Cell

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | 4 | | 3 | | | | | 3 | | | | | 3 | | 2 | |
| | 2 | | 4 | 3 | | 3 | 3 | 2 | 4 | 2 | 4 | | 2 | 4 | | 3 | 2 | | 4 | 3 | 3 | | 2 | 2 |
| | | | | | | | | | 2 | | | | | | | | | | | | | | | |

Thymus
 Atrophy
 Cyst

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | 3 | | | | | | 3 | | | | 4 | | | 4 | | 4 | | 2 |
| | | 2 | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| C57BL/6N XC3H/HEN MTV-NCTR | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| MICE FEMALE | 3 | 9 | 3 | 3 | 2 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 5 | 3 | 3 | 9 | 3 | 3 | 4 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| 0.175 ACRYL | 9 | 5 | 9 | 9 | 1 | 9 | 9 | 9 | 1 | 9 | 7 | 9 | 2 | 9 | 9 | 9 | 9 | 9 | 6 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | | |

Hyperplasia, Lymphoid

2 2

INTEGUMENTARY SYSTEM

Mammary Gland

+ +

Skin

+ +

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ +

Fibro-Osseous Lesion

2

Skeletal Muscle

+ +

Infiltration Cellular, Lymphocyte

NERVOUS SYSTEM

Brain, Brain Stem

+ +

Mineralization

1 1

Brain, Cerebellum

+ +

Brain, Cerebrum

+ +

Infiltration Cellular, Mononuclear Cell

2

Mineralization

1 1

Peripheral Nerve, Sciatic

+ +

Infiltration Cellular, Mononuclear Cell

1

Axon, Degeneration

1 1 1 2 1 2 1 1 1 1 1 1 3 1 1 1 3 1 3 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|
| | 0739 | 0595 | 0739 | 0739 | 0621 | 0739 | 0739 | 0739 | 0671 | 0739 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | 0739 | 0739 | 0671 | 0739 | 0739 | |
| ANIMAL ID | 00321 | 00322 | 00323 | 00324 | 00331 | 00332 | 00333 | 00334 | 00341 | 00342 | 00343 | 00344 | 00351 | 00352 | 00353 | 00354 | 00361 | 00362 | 00363 | 00364 | 00371 | 00372 | 00373 | 00374 | |

Schwann Cell, Hyperplasia

2

1

Spinal Cord, Cervical
Axon, Degeneration

+
 1 1

Spinal Cord, Lumbar
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration
Nerve, Degeneration

+
 1
 1 1 1 2 1

Spinal Cord, Thoracic
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration

+
 1

RESPIRATORY SYSTEM

Lung
Hemorrhage
Infiltration Cellular, Histiocyte
Infiltration Cellular, Lymphocyte
Mineralization
Alveolar Epithelium, Hyperplasia

+
 1
 2 2
 1
 3

Nose
Hyaline Droplet

+
 2

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye

+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|------------------------------------|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0
7 5 7 7 6 7 7 7 6 7 7 7 6 7 7 6 7 7 6 7 7 7 7 7
3 9 3 3 2 3 3 3 7 3 3 3 5 3 3 3 9 3 3 4 3 1 3 3 3
9 5 9 9 1 9 9 9 1 9 7 9 2 9 9 9 9 9 9 6 9 5 9 9 9 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
| | 0
0 0
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4
2 2 2 2 3 3 3 3 4 4 4 5 5 4 4 4 4 4 4 4 4 5 5 5 5
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataract
Phthisis Bulbi
Cornea, Inflammation, Chronic Active
Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 3
X
3
3 | 1 1 |
| Harderian Gland
Cyst
Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | +
4
4 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Kidney
Hyaline Droplet
Infiltration Cellular, Lymphocyte
Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | +
2 2 1 1 2 1 2 1 2 1 2 4 3 1 1 1 1 1 1 1 1 1 1 1 | |
| Urinary Bladder
Infiltration Cellular, Lymphocyte
Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | +
2 1 1 2 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 2
1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | |
| ANIMAL ID | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 |
| Salivary Glands
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Infiltration Cellular, Lymphocyte
Acinus, Degeneration | 2 | | 1 | 1 | | 1 | | | 1 | 2 | | 1 | 1 | | 2 | | 2 | 1 | | 1 | | 2 | 25 |
| | | | | | | | | | | | | | | | | | | | | | | | 1.4 |
| | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Stomach, Forestomach
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | | 2 | | | | 2 | | | | | | | | | | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | 2.3 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Tongue
Inflammation, Chronic Active
Ulcer | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 3.0 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Hypertrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Subcapsular, Hyperplasia | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 | |
| ANIMAL ID | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 | 00461 | 00462 | 00463 | 00464 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| Parathyroid Gland Cyst | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
2 2.5 |
| Pituitary Gland Pars Distalis, Hyperplasia | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2 2.0 |
| Thyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 2.0 |
| Infiltration Cellular, Lymphocyte Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0
1 1.3 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Clitoral Gland Degeneration | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
45 4.0 |
| Ovary Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 3
1 3.0 |
| Ovary Atrophy | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 45 3.9 |
| Ovary Cyst | | | | 3 | | | | 2 | | | | | 3 | | | | 4 | | | | | | 3 | 10 3.0 |
| Ovary Thrombosis | | | | | | | 3 | | | | | | | | | | | | | | | | | 1 3.0 |
| Ovary Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Uterus Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 2.0 |
| Uterus Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
5
3
9 | 0
7
3
9 | 0
7
3
9 | 0
5
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
3
4
4 | 0
7
4
4 | 0
7
4
4 | | 0
4
6
1 | 0
7
4
0 |
| ANIMAL ID | 0
0
4
6
2 | 0
0
4
6
3 | 0
0
4
6
4 | 0
0
4
7
1 | 0
0
4
7
2 | 0
0
4
7
3 | 0
0
4
7
4 | 0
0
9
5
1 | 0
0
9
5
2 | 0
0
9
5
3 | 0
0
9
5
4 | 0
0
9
6
1 | 0
0
9
6
2 | 0
0
9
6
3 | 0
0
9
7
4 | 0
0
9
7
1 | 0
0
9
7
2 | 0
0
9
7
3 | 0
0
9
8
4 | 0
0
9
8
1 | 0
0
9
8
2 | 0
0
9
8
3 | 0
0
9
8
4 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|--|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|-----|----|-----|
| Hydrometra | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4.0 | | |
| Endometrium, Hyperplasia, Cystic | 2 | 2 | 1 | | 2 | 3 | 1 | 2 | 3 | 2 | | 2 | 2 | 3 | 2 | 4 | 2 | 1 | 3 | 2 | 1 | | | 41 | 2.3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 3.0 |
| Lymph Node | | | + | | | | | | | | | | | | | | | | | | + | | | | 4 | | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 15 | 1.9 |
| | 2 | | | | 2 | 2 | | | | | | 2 | | | | 2 | 2 | 2 | 2 | | | 2 | | | 3 | 2.0 | |
| Lymph Node, Mesenteric
Angiectasis | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 1 | 1.0 | |
| Hematopoietic Cell Proliferation | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Hemorrhage | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Hyperplasia, Lymphoid | | | | | 3 | 2 | | | | 2 | | 1 | | | 2 | 2 | 2 | 2 | | | | | | | 12 | 2.1 | |
| Infiltration Cellular, Plasma Cell | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Spleen
Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 6 | 2.8 | |
| Hyperplasia, Lymphoid | | | 3 | 4 | 3 | 4 | 4 | | 2 | 4 | | 4 | 4 | | 3 | 4 | 4 | 2 | 2 | | | 3 | | | 34 | 3.1 | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Thymus
Atrophy | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 15 | 2.7 | |
| Cyst | | | 2 | 2 | | 3 | | | 2 | | | | 3 | | | | 2 | | | | | 2 | 3 | 2 | | 1 | 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 |
| ANIMAL ID | 00462 | 00463 | 00464 | 00467 | 00471 | 00472 | 00473 | 00474 | 00475 | 00476 | 00477 | 00478 | 00479 | 00480 | 00481 | 00482 | 00483 | 00484 | 00485 | 00486 | 00487 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |

Hyperplasia, Lymphoid

1 1 2 2 6 1.7

INTEGUMENTARY SYSTEM

Mammary Gland

+ 48

Skin

+ 48

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ 48

Fibro-Osseous Lesion

1 2.0

Skeletal Muscle

+ 48

Infiltration Cellular, Lymphocyte

1 1 1.0

NERVOUS SYSTEM

Brain, Brain Stem

+ 48

Mineralization

1 33 1.0

Brain, Cerebellum

+ 48

Brain, Cerebrum

+ 48

Infiltration Cellular, Mononuclear Cell

1 2.0

Mineralization

1 19 1.0

Peripheral Nerve, Sciatic

+ 48

Infiltration Cellular, Mononuclear Cell

3 1.0

Axon, Degeneration

1 24 1.3

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|---|
| | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | 0739 | | 0739 |
| ANIMAL ID | 00462 | 00463 | 00464 | 00467 | 00468 | 00469 | 00471 | 00472 | 00473 | 00474 | 00475 | 00476 | 00477 | 00478 | 00479 | 00480 | 00481 | 00482 | 00483 | 00484 | 00487 | |
| Schwann Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Spinal Cord, Cervical
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
6 1.0 |
| Spinal Cord, Lumbar
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration
Nerve, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
4 1.0
23 1.0
38 1.0 |
| Spinal Cord, Thoracic
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 1.0
34 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Hemorrhage
Infiltration Cellular, Histiocyte
Infiltration Cellular, Lymphocyte
Mineralization
Alveolar Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2 4.0
3 1.3
6 1.7
1 1.0
3 2.7 |
| Nose
Hyaline Droplet | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
3 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|-------|
| | 0739 | 0602 | 0703 | 0703 | 0703 | 0604 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0608 | 0607 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0605 | | 0703 |
| ANIMAL ID | 00131 | 00132 | 00133 | 00134 | 00131 | 00132 | 00133 | 00134 | 00131 | 00132 | 00133 | 00134 | 00131 | 00132 | 00133 | 00134 | 00131 | 00132 | 00133 | 00134 | 00131 | 00132 | 00133 | 00134 | 00131 | 00132 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | 3 |
| Intestine Large, Colon | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |
| Intestine Large, Rectum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |
| Intestine Small, Ileum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hemorrhage | | | | | | | | | | | | | | | | | | 4 | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | 1 | 2 | 1 | | | | | | | | | | 1 | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | 2 | 4 | | | | | | |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|-------|-------|-------|-------|-------|-------|-------|
| | 0739 | 0602 | 0703 | 0703 | 0703 | 0604 | 0709 | 0709 | 0709 | 0709 | 0709 | 0709 | 0709 | 0709 | 0709 | 0608 | 0607 | 0708 | 0703 | 0703 | | 0703 | 0703 | 0705 | 0709 | 0703 | 0703 | 0702 |
| ANIMAL ID | 00131 | 00132 | 00133 | 00134 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 | 00131 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Uterus | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 3 | 4 | 2 | | 4 | | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 4 | 2 | | 3 | 4 | 4 | 2 | | 4 | 3 | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Pancreatic, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mesenteric | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|
| | 0
7
3
9 | 0
6
0
2 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
6
4 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
8
6 | 0
6
7
8 | 0
7
0
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
5 | | | 0
7
3
9 | 0
6
3
2 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | 1 | 1 | | | | 1 | | | | 1 | | 1 | 1 | | 2 | 1 | 1 | | 1 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Axon, Degeneration | 1 | | | | 1 | | 1 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 2 | | |
| Schwann Cell, Hyperplasia | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Gliosis | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Axon, Degeneration | | | | | | | | | | | | | 1 | | | | 1 | 1 | | | | | | |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Axon, Degeneration | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | | 1 | | | 1 | 1 | |
| Nerve, Degeneration | 1 | | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 1 | |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Axon, Degeneration | 1 | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | | 1 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | 2 | | | | | | | | | | | | | | | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|------|---|---|
| | 0739 | 0602 | 0703 | 0703 | 0703 | 0604 | 0709 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0703 | 0606 | 0607 | 0708 | 0703 | 0703 | 0703 | 0703 | 0705 | 0703 | | 0602 | | |
| ANIMAL ID | 00131 | 00112 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Nose
Hyaline Droplet | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye
Cataract
Phthisis Bulbi | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + |
| Harderian Gland
Cyst
Infiltration Cellular, Lymphocyte | + | + | + | + | + | A | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney
Hyaline Droplet
Infiltration Cellular, Lymphocyte
Nephropathy
Glomerulus, Amyloid Deposition
Glomerulus, Inflammation, Chronic | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
0
3
3 | 0
6
3
2 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
1
4 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
3
5 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | | 0
6
8
5 |
| ANIMAL ID | 0
0
8
1
2 | 0
0
8
1
3 | 0
0
8
1
4 | 0
0
8
2
1 | 0
0
8
2
2 | 0
0
8
2
3 | 0
0
8
2
4 | 0
1
1
1
1 | 0
1
1
1
2 | 0
1
1
1
3 | 0
1
1
1
4 | 0
1
1
1
2 | 0
1
1
1
2 | 0
1
1
2
3 | 0
1
1
2
4 | 0
1
1
3
1 | 0
1
1
3
2 | 0
1
1
3
3 | 0
1
1
4
1 | 0
1
1
4
2 | 0
1
1
4
3 | 0
1
1
4
4 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------------------|-----------|
| Esophagus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44
1 3.0 | |
| Intestine Large, Colon | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43
1 3.0 | |
| Liver | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Infiltration Cellular, Lymphocyte | | | | 1 | 1 | | | 1 | | | 1 | | | | 1 | | 2 | 1 | | | | | 12 1.2 | |
| Inflammation, Chronic Active | | | | | | | | | | | | 2 | | | | | | | 1 | | | | 2 1.5 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Pancreas | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|
| | 0
3
3 | 0
6
3 | 0
7
3 | 0
7
3 | 0
7
3 | 0
7
3 | 0
6
1 | 0
7
3 | 0
7
3 | 0
7
3 | 0
7
3 | 0
7
3 | 0
7
3 | 0
6
3 | 0
7
3 | 0
7
3 | 0
7
3 | 0
7
4 | 0
7
4 | 0
7
4 | | 0
6
8 | |
| ANIMAL ID | 0
0
8
1
2 | 0
0
8
1
3 | 0
0
8
1
4 | 0
0
8
2
1 | 0
0
8
2
2 | 0
0
8
2
3 | 0
0
8
2
4 | 0
1
1
1
1 | 0
1
1
1
2 | 0
1
1
1
3 | 0
1
1
1
4 | 0
1
1
1
2 | 0
1
1
1
2 | 0
1
1
2
3 | 0
1
1
2
4 | 0
1
1
3
1 | 0
1
1
3
2 | 0
1
1
4
3 | 0
1
1
4
4 | 0
1
1
4
1 | 0
1
1
4
2 | 0
1
1
4
3 | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | 7 1.1 | | |
| Salivary Glands | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Infiltration Cellular, Lymphocyte | | 1 | | 1 | 1 | | 1 | 1 | 2 | 1 | 2 | | | | 2 | 2 | | 1 | | 1 | 1 | 28 1.3 | |
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Diverticulum | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Ulcer | | | | | | | | | | | | | | | 2 | | | | | | | 3 2.0 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | 2 | 2 | | | | | | | 9 2.2 | |
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Heart | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Vacuolization Cytoplasmic | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 | |
| Subcapsular, Hyperplasia | | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 45 1.9 |
| Adrenal Medulla | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Islets, Pancreatic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
3
3 | 0
6
3
2 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
1
4 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
3
5 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | | 0
6
8
5 |
| ANIMAL ID | 0
0
8
1
2 | 0
0
8
1
3 | 0
0
8
1
4 | 0
0
8
2
1 | 0
0
8
2
2 | 0
0
8
2
3 | 0
0
8
2
4 | 0
1
1
1
1 | 0
1
1
1
2 | 0
1
1
1
3 | 0
1
1
1
4 | 0
1
1
1
1 | 0
1
1
1
2 | 0
1
1
1
2 | 0
1
1
1
3 | 0
1
1
1
3 | 0
1
1
1
3 | 0
1
1
1
4 | 0
1
1
1
4 | 0
1
1
1
2 | 0
1
1
1
3 | 0
1
1
1
4 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Uterus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hydrometra | | | | | | | 4 | | | | | | | | | | | | | | | | 2 4.0 |
| Endometrium, Hyperplasia, Cystic | | 2 | 2 | 4 | 3 | 2 | 2 | | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 4 | 4 | 2 | 3 | 2 | 1 | 42 2.8 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Bone Marrow | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia | | 2 | | | | | 4 | | | | | | | 3 | | | | | | | | | 4 3.0 |
| Lymph Node | | | | | | | + | | | | | | | | + | | + | | | + | | | 9 |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 3 | | | | | | 2 3.0 |
| Pancreatic, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 3 | | | | | | 3 2.3 |
| Lymph Node, Mandibular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hyperplasia, Lymphoid | | | | | | | | | 2 | | 1 | 3 | 1 | | | | 2 | 2 | | 1 | | | 10 1.6 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mesenteric | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | 2 | | 1 | | | | | | 2 | | 2 | | | 11 1.9 |
| Spleen | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Angiectasis | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 |
| Hematopoietic Cell Proliferation | | 3 | | | | | | | 3 | | | | 4 | | 3 | | 3 | | | | | | 10 3.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
3
3 | 0
6
3
2 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
1
4 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
3
5 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | | 0
6
8
5 |
| ANIMAL ID | 0
0
8
1
2 | 0
0
8
1
3 | 0
0
8
1
4 | 0
0
8
2
1 | 0
0
8
2
2 | 0
0
8
2
3 | 0
0
8
2
4 | 0
1
1
1
1 | 0
1
1
1
2 | 0
1
1
1
3 | 0
1
1
1
4 | 0
1
1
1
2 | 0
1
1
2
2 | 0
1
1
2
3 | 0
1
1
2
4 | 0
1
1
3
3 | 0
1
1
3
3 | 0
1
1
4
4 | 0
1
1
4
1 | 0
1
1
4
2 | 0
1
1
4
3 | 0
1
1
4
4 |
| Hyperplasia, Lymphoid | | 3 | 3 | | 3 | 1 | | 2 | 3 | 3 | 3 | 3 | 3 | | 3 | 3 | 4 | 3 | | 2 | | 33 2.9 |
| Thymus | A | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Atrophy | | | | 3 | 3 | | 2 | | 2 | 2 | 4 | 4 | | | | | | | | | 4 | 16 3.3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 2 | 4 | | | | 4 2.3 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Cyst | | | | | | | | | | | | | | 3 | | | | | | | | 1 3.0 |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | 4 | | | | | | | | 1 4.0 |
| Skin | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Compression | | | | | | | | | | | | | | | | | | 1 | | | | 1 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | 1 | | | | | | | | | | | | | | | | | 1 1.0 |
| Mineralization | | | | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 | | 1 | 1 | 24 1.0 |
| Brain, Cerebellum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | 1 | | | | 1 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | 1 | | | | | | | | | | | | | | | | | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
3
3 | 0
6
3
2 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
1
4 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
3
5 | 0
7
3
3 | 0
7
3
3 | 0
7
3
3 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | | 0
6
8
5 |
| ANIMAL ID | 0
0
8
1
2 | 0
0
8
1
3 | 0
0
8
1
4 | 0
0
8
2
1 | 0
0
8
2
2 | 0
0
8
2
3 | 0
0
8
2
4 | 0
1
1
1
1 | 0
1
1
1
2 | 0
1
1
1
3 | 0
1
1
1
4 | 0
1
1
1
1 | 0
1
1
2
2 | 0
1
1
2
3 | 0
1
1
3
4 | 0
1
1
3
1 | 0
1
1
3
2 | 0
1
1
4
3 | 0
1
1
4
4 | 0
1
1
4
1 | 0
1
1
4
2 | 0
1
1
4
3 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Brain, Cerebrum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 2 1.0 |
| Mineralization | | | | | | | | 1 | 1 | 1 | | | 1 | 1 | 1 | | | 1 | | | 1 | | 19 1.1 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Peripheral Nerve, Sciatic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Axon, Degeneration | | | | 1 | | | | | | | | 2 | | 1 | | 1 | 1 | 1 | | 2 | 1 | 1 | 25 1.2 |
| Schwann Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Spinal Cord, Cervical | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | 1 | | | | | | 1 | | | | | | | | | | | | 2 1.0 |
| Axon, Degeneration | | | | | | | | | | | 1 | | | | | | | | | | | | 4 1.0 |
| Spinal Cord, Lumbar | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Mononuclear Cell | | | | | 1 | | | | | | 1 | | | | | | | | | | | | 5 1.0 |
| Axon, Degeneration | | | | 1 | 1 | 1 | 1 | | 1 | 1 | | | | 1 | 1 | | | | | | 1 | | 25 1.0 |
| Nerve, Degeneration | | | 1 | 1 | | 1 | | 1 | 1 | | | 2 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 37 1.1 |
| Spinal Cord, Thoracic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | 1 | | | | | | | | | | | | 1 1.0 |
| Axon, Degeneration | | 1 | 1 | | | | 1 | 1 | 1 | | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | | 1 | 34 1.1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 1 | | | | | | | | | | | | 3 1.3 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--|-------------|------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|
| | 0645 | 0739 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | 0002 | | 0002 |
| Mineralization | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Brain, Cerebellum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Malformation | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | | | 2 | 1 | | | | | | | | | | | | | | | | | | | |
| Meninges, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | |
| Meninges, Perivascular, Polyarteritis | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve, Sciatic | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Axon, Degeneration | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Nerve, Degeneration | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Spinal Cord, Cervical | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Demyelination | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Gliosis | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord, Lumbar | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyarteritis | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Axon, Degeneration | | | | 1 | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-----|---|---|-----|
| | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | | 073 | | | |
| ANIMAL ID | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | M | + | + | + | + | + | 45 |
| Accessory Adrenal Cortical Nodule Hypertrophy | 4 | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Vacuolization Cytoplasmic Subcapsular, Hyperplasia | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | | | | 2 | 2 | 2 | 2 | 1 | 45 |
| 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Adrenal Medulla Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | M | + | + | + | + | + | 45 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | 3.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 46 |
| Parathyroid Gland Cyst | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 41 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Pituitary Gland Compression | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | 3.0 |
| Thyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 46 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | 1.5 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----|
| | 0
7
2
3 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
6
3
5 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | | 0
5
7
7 | |
| ANIMAL ID | 0
0
7
1
1
2 | 0
0
7
1
1
3 | 0
0
7
1
1
4 | 0
0
7
2
1
2 | 0
0
7
2
2
2 | 0
0
7
2
3
3 | 0
0
7
2
2
4 | 0
0
7
2
3
3 | 0
0
7
2
3
4 | 0
0
7
3
3
2 | 0
0
7
3
3
3 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | 0
0
7
3
3
4 | |
| Mineralization | | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | | 1 | | 31 | 1.0 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 2 | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Malformation | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Mineralization | | | 1 | | | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | 1 | | | | | 1 | 24 | 1.0 |
| Meninges, Pigmentation | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Meninges, Perivascular, Polyarteritis | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Axon, Degeneration | 1 | | | 1 | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | 1 | | | | 1 | | 24 | 1.0 |
| Nerve, Degeneration | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Demyelination | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | | | | | | | | | | | | 1 | 1.0 |
| Axon, Degeneration | | | | | | | | | | | 1 | 1 | | | | | | | | | | 4 | 1.0 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | | | | | | | | | | | | 1 | 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | 1 | | | | | | | | 2 | 1.0 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Axon, Degeneration | 1 | 1 | 1 | | 1 | 2 | 1 | | | 1 | 1 | | | 1 | | 1 | | 1 | 1 | | | 25 | 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-----|-----|
| | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | | 073 | |
| ANIMAL ID | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | | |
| Nerve, Degeneration | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 38 | 1.1 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | | | | | | | | | | | | | | | | 1 | 1.0 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Axon, Degeneration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 41 | 1.1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | 3 | | | | 1 | 3.0 |
| Infiltration Cellular, Lymphocyte | | | 1 | | | | | | | | | | | | | | | | | | | 3 | 1.3 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyaline Droplet | | | | | | | | | | | 2 | | | | | | | | | | | 6 | 1.8 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | 45 | |
| Cataract | | | | | | | | | 1 | | | | | | | | | | | | | 2 | 1.0 |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | 45 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20313 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:52
 First Dose M/F: 05/26/05 / 05/26/05
 Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | 073 | | 073 |
| ANIMAL ID | 00712 | 00713 | 00714 | 00715 | 00716 | 00717 | 00718 | 00719 | 00720 | 00721 | 00722 | 00723 | 00724 | 00725 | 00726 | 00727 | 00728 | 00729 | 00730 | 00731 | 00732 | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | 1 | 2 | | 1 | 1 | | 2 | | 1 | 1 | 1 | 33 1.2 |
| Metaplasia, Osseous | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | 4 | | | | 2 | 2 3.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | 45 |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | 2 | 1 | 2 | 1 | | | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | | 25 1.1 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked