

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

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

ALIMENTARY SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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1-4 .. Lesion qualified as:

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		0 7 3 9	0 6 9 8	0 7 3 9	0 5 8 6	0 7 9 7	0 6 1 8	0 7 5 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																
ANIMAL ID		0 0 0 0 3 3 6 1	0 0 0 0 3 3 6 2	0 0 0 0 3 3 7 3	0 0 0 0 3 3 7 4	0 0 0 0 3 3 8 1	0 0 0 0 3 3 8 2	0 0 0 0 3 3 8 3	0 0 0 0 3 3 8 4	0 0 0 0 3 3 9 1	0 0 0 0 3 3 9 2	0 0 0 0 3 3 9 3	0 0 0 0 3 3 9 4	0 0 0 0 3 3 9 5	0 0 0 0 3 3 9 6	0 0 0 0 3 3 9 7	0 0 0 0 3 3 9 8	0 0 0 0 3 3 9 9	0 0 0 0 3 3 9 10	0 0 0 0 3 3 9 11	0 0 0 0 3 3 9 12	0 0 0 0 3 3 9 13	0 0 0 0 3 3 9 14	0 0 0 0 3 3 9 15	0 0 0 0 3 3 9 16	0 0 0 0 3 3 9 17	0 0 0 0 3 3 9 18	0 0 0 0 3 3 9 19	0 0 0 0 3 3 9 20		
Salivary Glands		+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Infiltration Cellular, Lymphocyte											1	1																			
Inflammation, Chronic Active											1	1																			
Stomach, Forestomach		+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Keratin Cyst																														X	
Ulcer																															
Epithelium, Hyperplasia																															
Stomach, Glandular		2																													
Tongue																															

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

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

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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	7	6	7	7	5	5	7	7	6	6	7	7	7	7	7	6	7	7	7	7	5	7
	3	9	3	3	3	8	9	3	1	6	6	3	3	3	3	1	3	9	1	3	9	2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Angiectasis																2		2		2		
Hemorrhage																2		2		2		
Hyperplasia, Lymphoid	2															2		2		2		
Infiltration Cellular, Plasma Cell																						4
Inflammation, Chronic Active																						4
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																						
Developmental Malformation	2	3																				
Hematopoietic Cell Proliferation			2	2																		
Hyperplasia, Lymphoid	1																					
Hyperplasia, Stromal																						
Necrosis																						
Pigmentation																						
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	M	M	M	+	+	
Atrophy	2	4										2				3	3	2		2	2	

INTEGUMENTARY SYSTEM

Mammary Gland

Skin

Fibrosis

Inflammation, Chronic Active

Ulcer

Epithelium, Hyperplasia

Sebaceous Gland, Hyperplasia

Total animals with lesion and mean severity grade

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		7	7	7	7	7	7	7	4	7	5	7	6	7	7	6	0	7	6	4	6	6	7	0
ANIMAL ID		3	3	3	3	3	3	3	6	3	4	1	0	5	7	2	2	3	8	0	7	4	6	1
		9	9	9	9	9	9	6	9	3	0	5	0	7	9	8	0	9	7	6	0	1	0	0
* TOTALS																								

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Galbladder	+	+	+	+	+	+	+	+	+	A	A	A	+	+	A	+	+	+	+	+	+	+	+	41
Inflammation, Chronic Active																								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	+	+	+	+	+	+	+	+	+	A	A	A	+	+	A	M	+	+	+	+	+	+	+	41
Angiectasis																								1 2.0
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	A	A	A	+	+	A	M	+	+	+	+	+	+	+	42
Hyperplasia, Lymphoid																								2 1.5
Liver	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Basophilic Focus																								1
Hematopoietic Cell Proliferation																								2 3.0
Inflammation, Chronic Active																								1 4.0
Pancreas	+	+	+	+	+	+	+	+	+	A	A	A	+	+	A	M	+	+	+	+	+	+	+	46
Inflammation, Chronic Active																								1 2.0
Acinus, Degeneration																								2 1.5

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CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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		7	7	7	7	7	7	4	7	5	7	6	7	7	6	0	7	4	6	6	1	0	5		
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		
	5	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		

*** TOTALS**

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	M	+	+	+	+	+	M	+	+	44
Exfoliated Germ Cell																								3	1 3.0	
Infiltration Cellular, Lymphocyte																								1	1.0	
Inflammation, Chronic Active																								1	2.0	
Spermatocele										1														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	A	+	+	+	+	+	+	+	46	
Angiectasis																								1	2.0	
Cyst																								2	2.5	
Degeneration	2	2	4	4	4	4	2	3	4									3	4	4	4	4	15	3.1		

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		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 4 6 3	0 7 3 9	0 5 4 0	0 7 0 5	0 6 2 7	0 7 3 9	0 6 5 8	0 7 3 9	0 0 5 1	0 1 1 1	0 1 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1		
ANIMAL ID		0 0 5 8 2	0 0 5 8 3	0 0 5 9 3	0 0 5 9 4	0 0 5 9 5	0 0 5 9 6	0 0 5 9 7	0 0 5 9 8	0 0 5 9 9	0 0 5 9 0	0 0 5 9 1	0 0 5 9 2	0 0 5 9 3	0 0 5 9 4	0 0 5 9 5	0 0 5 9 6	0 0 5 9 7	0 0 5 9 8	0 0 5 9 9	0 0 5 9 0	0 0 5 9 1	0 0 5 9 2	0 0 5 9 3	0 0 5 9 4	
Dysplasia, Focal																										1 3.0
Infiltration Cellular, Lymphocyte																										3 2.0
Inflammation, Suppurative																										8 2.3
Inflammation, Chronic Active																										7 2.0
Duct, Dilatation																										2 4.0
Prostate		+	+	+	+	+	+	+	+	A	+	+	+	+	A	M	+	+	+	+	+	+	+	+	44	
Inflammation, Chronic Active																										1 4.0
Seminal Vesicle		+	+	+	+	+	+	+	+	A	+	+	+	+	A	M	+	+	+	+	+	+	+	+	44	
Inflammation, Chronic Active																										1 2.0
Testes		+	+	+	+	+	+	+	+	A	+	A	+	+	A	M	+	+	+	+	+	+	+	+	43	
Seminiferous Tubule, Degeneration																										8 1.6
HEMATOPOIETIC SYSTEM																										
Bone Marrow		+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	44	
Hyperplasia																										5 2.2
Lymph Node										+																11
Lumbar, Fibrosis											+															1 4.0
Mediastinal, Hyperplasia, Lymphoid												+														1 1.0
Renal, Hyperplasia, Lymphoid													+													1 3.0
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	A	+	+	+	+	A	M	+	+	+	+	+	+	+	+	46	
Hemorrhage																										1 2.0
Hyperplasia, Lymphoid																										6 2.0
Infiltration Cellular, Plasma Cell																										1 2.0
Infiltration Cellular, Polymorphonuclear																										1 2.0

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		7	7	7	7	7	7	7	4	7	5	7	6	7	7	6	0	7	6	4	6	6	4	7	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.70 ACRYL	ANIMAL ID	3	3	3	3	3	3	3	6	3	4	1	5	7	2	3	8	5	0	7	6	6	4	7	0
		9	9	9	9	9	9	9	6	9	3	0	5	7	2	2	9	8	0	7	6	1	0	5	
Lymph Node, Mesenteric		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS
		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Angiectasis		5	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2.0
		5	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Hemorrhage		8	8	8	9	9	9	9	5	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	1.8
		2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Hyperplasia, Lymphoid		2	2	3	2																				11 2.0
Infiltration Cellular, Plasma Cell																									1 4.0
Inflammation, Chronic Active																									1 4.0
Spleen		+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	M	+	+	+	+	+	+	45
		+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	
Atrophy																									1 3.0
Developmental Malformation		X																							1
		3																							14 3.3
Hematopoietic Cell Proliferation		3	3	3	3	2	3	3	4	2	2	2	2	2	3	2									
Hyperplasia, Lymphoid		3	3	3	3	3	3	3	4	2	2	2	2	2	3	2									
																									21 2.4
Hyperplasia, Stromal																									1 2.0
Necrosis																									1 2.0
Pigmentation																									1 2.0
Thymus		+	+	+	+	+	M	+	+	+	A	+	+	M	M	+	+	+	+	+	+	+	+	+	40
		2	4	2	3	4	4	2	2	3	A	3	2	M	M	4	4	3	4	4	4	4	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	M	0	
Skin	+	+	+	+	+	+	+	+	+	A	A	A	+	+	+	+	+	+	+	+	+	+	+	46	
Fibrosis																									1 3.0
Inflammation, Chronic Active																									2 2.0
Ulcer																									1 3.0
Epithelium, Hyperplasia																									2 2.5
Sebaceous Gland, Hyperplasia																									1 2.0

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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	
		7	7	7	7	7	7	7	4	7	5	7	6	7	7	6	0	7	6	4	6	6	7	5	
ANIMAL ID		3	3	3	3	3	3	3	6	3	4	1	5	7	2	3	8	5	0	9	7	6	4	7	0
		9	9	9	9	9	9	6	9	3	9	0	5	7	2	2	9	8	0	7	6	1	0	5	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS
		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	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		8	8	8	9	9	9	9	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	
		2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

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+ .. Tissue examined microscopically

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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	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	4	7	5	7	6	7	7	6	0	7	6	4	6	6	7	5		
ANIMAL ID	3	3	3	3	3	3	3	6	3	9	0	5	7	2	3	8	0	3	9	7	4	6	1	0		
	9	9	9	9	9	9	6	9	3	9	0	5	7	2	9	8	0	7	9	7	4	6	1	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS	
		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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		8	8	8	9	9	9	9	5	5	5	5	6	6	6	7	7	7	7	8	8	8	8	8		
		2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Spinal Cord, Thoracic		+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Axon, Degeneration		1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	29 1.0	
Neuron, Degeneration																									1 1.0	
RESPIRATORY SYSTEM																										
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Infiltration Cellular, Histiocyte		4																							4 3.8	
Inflammation, Chronic Active																									1 2.0	
Alveolar Epithelium, Hyperplasia		2	2																						9 2.1	
Nose		+	+	+	+	+	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	+	+	46		
Hyaline Droplet		1																							2 2.0	
Trachea		+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
SPECIAL SENSES SYSTEM																										
Eye		+	+	+	+	+	+	+	+	+	A	A	A	A	+	+	+	M	+	+	+	+	+	+	41	
Cataract		1	1	1							3								X							9 1.3
Phthisis Bulbi																									1	
Cornea, Inflammation, Chronic Active																									2 1.5	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	47		
Hyperplasia		2																							2 1.5	
Inflammation, Chronic Active																									1 3.0	
URINARY SYSTEM																										
Kidney		+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	44		

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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

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DAY ON TEST																						
	0 7 3 9	0 7 3 8	0 7 3 9	0 7 3 9	0 6 6 6	0 6 6 9	0 5 8	0 7 9	0 6 7 9	0 7 3 9	0 7 3 9											
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.35 ACRYL		ANIMAL ID		0 0 1 1 7 7 1	0 0 1 1 7 7 2	0 0 1 1 8 8 4	0 0 1 1 8 8 4	0 0 1 1 9 9 1	0 0 1 1 9 9 2	0 0 1 1 9 9 3	0 0 1 1 9 9 4	0 0 2 2 0 2 1	0 0 2 2 0 2 3	0 0 2 2 0 3 4	0 0 6 6 7 7 1	0 0 6 6 7 7 2	0 0 6 6 7 7 3	0 0 6 6 8 8 4	0 0 6 6 8 8 2	0 0 6 6 8 8 3	0 0 6 6 9 8 4	males (cont...)
				0 0 1 1 7 7 1	0 0 1 1 7 7 2	0 0 1 1 8 8 4	0 0 1 1 8 8 4	0 0 1 1 9 9 1	0 0 1 1 9 9 2	0 0 1 1 9 9 3	0 0 1 1 9 9 4	0 0 2 2 0 2 1	0 0 2 2 0 2 3	0 0 2 2 0 3 4	0 0 6 6 7 7 1	0 0 6 6 7 7 2	0 0 6 6 7 7 3	0 0 6 6 8 8 4	0 0 6 6 8 8 2	0 0 6 6 8 8 3	0 0 6 6 9 8 4	males (cont...)

ALIMENTARY SYSTEM

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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...)
	ANIMAL ID		073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073	073		
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	
Pituitary Gland Pars Distalis, Cyst		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	2	
Thyroid Gland Infiltration Cellular, Lymphocyte Follicle, Degeneration		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	1	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 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	0	0	0	
ANIMAL ID	8	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	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	9	9	9	9	0	0	9	0

* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	45
Inflammation, Suppurative																										1 2.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperplasia, Lymphoid																										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																										1 2.0
Basophilic Focus																										1
Basophilic Focus, Multiple																										1
Infiltration Cellular, Lymphocyte																										2 1.0
Vacuolization Cytoplasmic																										1 3.0
	3																									

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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	0	0	0	
ANIMAL ID	6	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
	8	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Mesentery																										1
Fat, Necrosis																										1 4.0
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Infiltration Cellular, Lymphocyte																										3 1.0
Acinus, Degeneration																										3 1.0
Duct, Dilatation																										1 2.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Infiltration Cellular, Lymphocyte																										18 1.0
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Keratin Cyst																										5
Epithelium, Hyperplasia																										3 2.3
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
CARDIOVASCULAR SYSTEM																										
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cardiomyopathy																										1 1.0
ENDOCRINE SYSTEM																										
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hypertrophy																										1 2.0
Subcapsular, Hyperplasia		1	1	1	1	1	1	2	1	1	2	1	1	1	1	2	1	1	1	1	2	2	2	1	1	39 1.4

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TDMS No. 20313 - 06

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Species/Strain: MICE/B6C3F1/NCTR

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 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	0	0		
ANIMAL ID	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	8	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	5	1	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		
	6	6	6	7	7	7	7	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0		
	9	9	9	0	0	0	0	0	9	9	9	9	9	9	9	0	0	0	0	1	1	1	1	1	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		
* TOTALS																											
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Islets, Pancreatic Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
		2																									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 1.0
																											5 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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

Lab: NCTR

* .. 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																								
		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	8	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	5	1	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9

* TOTALS

Infiltration Cellular, Histiocyte																											1 4.0
Infiltration Cellular, Mast Cell																											2 2.5
Sinus, Dilatation																											3 2.3
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Depletion Lymphoid																											2 3.5
Hematopoietic Cell Proliferation	3																										6 3.3
Hyperplasia, Lymphoid	3																										32 2.6
Thymus	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
Atrophy	4	4	3	4	4		4		2	2	4		2	2		3	3	3	3	3	3	3	3	3	4	18 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	M	M	1	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Inflammation, Chronic Active																										2 2.0
Mineralization																										1 4.0
Epithelium, Hyperplasia																										2 1.5

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
-------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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

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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

RESPIRATORY SYSTEM

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

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TDMS No. 20313 - 06

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Species/Strain: MICE/B6C3F1/NCTR

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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 7 3 9																				
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 ACRYL																				males (cont...)	
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 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

ALIMENTARY SYSTEM

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

+ .. Tissue examined microscopically

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

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 M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
 I .. Insufficient tissue BLANK .. Not examined microscopically

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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

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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TDMS No. 20313 - 06

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Species/Strain: MICE/B6C3F1/NCTR

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Acrylamide

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Time Report Requested: 14:38:52

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

Lab: NCTR

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

Infiltration Cellular, Lymphocyte

Infiltration Cellular, Plasma Cell

Inflammation, Chronic Active

Lumen, Dilatation

1

3

**males
(cont...)**

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Species/Strain: MICE/B6C3F1/NCTR

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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	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	ANIMAL ID	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	8	4	0	4	4	
		9	3	9	9	9	9	9	9	9	9	9	9	9	9	9	2	2	6	0	7	4	0	
* TOTALS																								

ALIMENTARY SYSTEM

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

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 ACRYL																										
ANIMAL ID	DAY ON TEST	0 7 3 9	0 6 4 3	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 6 4 2	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 6 4 2	0 7 3 9	0 6 4 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 0 0 0 7 7 7 2	0 0 0 0 7 7 7 3	0 0 0 0 7 7 8 4	0 0 0 0 7 7 8 1	0 0 0 0 7 7 8 2	0 0 0 0 7 7 8 3	0 0 0 0 7 7 8 4																		
Duct, Dilatation																										* TOTALS
Salivary Glands		+ 1	+ 2	+ 1	47 23 1.1																					
Infiltration Cellular, Lymphocyte																										
Stomach, Forestomach		+ 2	46 3 2.7																							
Epithelium, Hyperplasia																										
Stomach, Glandular		+ 1	+ 2	+ 1	46 4 1.1																					
CARDIOVASCULAR SYSTEM																										
Blood Vessel		+ 1	+ 2	+ 1	46 1 1.0																					
Heart		+ 1	+ 2	+ 1	47 1 1.0																					
ENDOCRINE SYSTEM																										
Adrenal Cortex		+ 3	+ 1	47 1 3.0																						
Accessory Adrenal Cortical Nodule																										
Hypertrophy																										
Metaplasia, Osseous																										
Subcapsular, Hyperplasia																										
Adrenal Medulla		+ 1	+ 2	+ 1	46 41 1.2																					
Islets, Pancreatic		+ 1	+ 2	+ 1	47 1 4.0																					

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.175 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	
		7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	ANIMAL ID	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	8	4	0	4	0
		9	3	9	9	9	9	9	9	9	9	9	9	9	9	9	9	6	8	0	0	7	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	
		7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
		7	7	7	8	8	8	8	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																						
Parathyroid Gland		+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	44
Pituitary Gland		+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Thyroid Gland		+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Ectopic Thymus																								1 2.0
Polyarteritis																								1 1.0
Follicle, Degeneration																								5 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

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Lab: NCTR

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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TDMS No. 20313 - 06

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Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Acrylamide

CAS Number: 79-06-1

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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																									
		0 7 3 9	0 6 4 3	0 7 3 9																						
ANIMAL ID	0 0 7 7 7 2	0 0 7 7 7 3	0 0 7 7 8 4																							
* TOTALS																										
Hemorrhage																										1 2.0
Infiltration Cellular, Histiocyte																										1 4.0
Alveolar Epithelium, Hyperplasia																										3 1.7
Nose	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyaline Droplet								2	2	2															11 2.1	
Trachea	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
SPECIAL SENSES SYSTEM																									45	
Eye	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cataract																										4 1.8
Bilateral, Cataract																										1 3.0
Cornea, Inflammation, Chronic Active																										1 2.0
Harderian Gland	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
URINARY SYSTEM																									47	
Kidney	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hydronephrosis																										1 4.0
Infarct																										1 2.0
Infiltration Cellular, Lymphocyte																										19 1.4
Metaplasia, Osseous																										2 1.5
Mineralization																										1 3.0
Nephropathy	1	1							2	1			2	1											12 1.5	
Polyarteritis																										1 1.0
Urinary Bladder	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	

* .. 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 0.175 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	
		7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	ANIMAL ID	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	6	8	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	* TOTALS
		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	7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
		7	7	7	8	8	8	8	7	7	7	7	8	8	8	8	9	9	9	9	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	

Infiltration Cellular, Lymphocyte

1

1

2

4 1.3

Infiltration Cellular, Plasma Cell

1 2.0

Inflammation, Chronic Active

2

1 4.0

Lumen, Dilatation

4

3 3.7

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

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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

ALIMENTARY 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

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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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis
Inflammation, Chronic Active

Preputial Gland Cyst

Degeneration
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active

Prostate

Seminal Vesicle Lumen, Dilatation

Testes

* .. 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																									males (cont...)	
		0 7 3 9	0 6 0 2	0 7 3 9	0 7 3 9	0 7 3 9	0 6 1 7	0 4 1 7	0 7 3 9																		
ANIMAL ID		0 0 2 8 1	0 0 2 8 2	0 0 2 8 3	0 0 2 8 4	0 0 3 0 1	0 0 3 0 2	0 0 3 0 3	0 0 3 0 4	0 0 3 1 1	0 0 3 1 2	0 0 3 1 3	0 0 3 1 4	0 0 3 2 1	0 0 3 2 2	0 0 3 2 3	0 0 3 2 4	0 0 3 3 1	0 0 3 3 2	0 0 3 3 3	0 0 3 3 4	0 0 3 4 1	0 0 3 4 2	0 0 3 4 3	0 0 3 4 4	0 0 3 4 5	
Peripheral Nerve, Sciatic		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration		1				1	2	1													1	1	1	1	1	1	2
Spinal Cord, Cervical		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration				1																							
Spinal Cord, Lumbar		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Mononuclear Cell																											1
Axon, Degeneration																											
Nerve, Degeneration		1		1	1	1	1	1																			
Spinal Cord, Thoracic		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, 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	

RESPIRATORY SYSTEM

Lung		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nose		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1	
Hyaline Droplet																											
Trachea		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

SPECIAL SENSES SYSTEM

Eye		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cataract																											1
Harderian Gland		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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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

URINARY SYSTEM

- Kidney
 - Autolysis
 - Hyaline Droplet
 - Infiltration Cellular, Lymphocyte
 - Metaplasia, Osseous
 - Nephropathy
 - Capsule, Inflammation, Chronic Active

Urinary Bladder
Infiltration Cellular, Lymphocyte
Lumen, Dilatation

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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	
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	ANIMAL ID	3	3	3	3	1	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	
		9	9	9	9	4	9	9	9	9	9	1	9	9	9	9	9	9	9	8	2	5	4	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	* TOTALS
		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	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		0	0	0	1	1	1	1	3	3	3	3	3	4	4	4	4	5	5	5	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	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	42
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	44	
		1	2																				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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	48	
Basophilic Focus																		X					3
Infiltration Cellular, Lymphocyte																		1					1 1.0
Necrosis																							2 3.5
Mesentery	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	1	
Fat, Necrosis																							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																					* TOTALS	
		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 7 3 9	0 7 3 9	0 6 2 8	0 6 2 9	0 6 2 5	0 1 3 0	0 1 3 0	0 1 3 0	0 1 3 0			
ANIMAL ID	0 0 5 0 2	0 0 5 0 3	0 0 5 1 4	0 0 5 1 3	0 0 5 1 2	0 0 5 1 1	0 0 2 1	0 1 1 2	0 1 2 2	0 1 2 3													
Infiltration Cellular, Lymphocyte																						2 1.0	
Acinus, Degeneration																						5 1.6	
Duct, Dilatation																						1 2.0	
Salivary Glands																						46	
Infiltration Cellular, Lymphocyte		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20 1.2	
Stomach, Forestomach		1	1		2			1			2	1											
Keratin Cyst																						1	
Epithelium, Hyperplasia																						1 2.0	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	45	
CARDIOVASCULAR SYSTEM																							
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
ENDOCRINE SYSTEM																							
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	46	
Hyperplasia																						1 3.0	
Subcapsular, Hyperplasia		1	2	2	1	2	1	1	3	1	2	2	1	1	1	1	2	1	1	1	1	39 1.4	
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	44	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	46	
Hyperplasia																						1 2.0	

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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TDMS No. 20313 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1/NCTR

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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

HEMATOPOIETIC SYSTEM

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

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

± .. Tissue examined microscopically

M = Missing tissue

X., Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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+ .. Tissue examined microscopically

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I .. Insufficient tissue

M .. Missing tissue

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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TDMS No. 20313 - 06

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1/NCTR

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C57BL/6N XC3H/HEN MTV-NCTR MICE MALE 0.0875 ACRYL	DAY ON TEST																								
		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 6 2 8	0 6 2 9	0 6 2 5	0 1 3 5	0 7 4 0											
ANIMAL ID		0 0 5 0 2	0 0 5 0 3	0 0 5 1 4	0 0 5 1 2	0 0 5 1 3	* TOTALS																		
Peripheral Nerve, Sciatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	46	
Axon, Degeneration		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26	1.1
Spinal Cord, Cervical		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	45	
Axon, Degeneration		1																						4	1.0
Spinal Cord, Lumbar		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	45	
Infiltration Cellular, Mononuclear Cell																								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	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	1	1	34	1.0
Spinal Cord, Thoracic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	45	
Axon, Degeneration		1	1	2	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		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	45	
Hyaline Droplet		2																						6	1.7
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	46	
SPECIAL SENSES SYSTEM																									
Eye		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	44	
Cataract		1	2																	2	1	1	1	6	1.3
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	46	

* .. 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 0.0875 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	
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
ANIMAL ID		3	3	3	3	1	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	
		9	9	9	9	4	9	9	9	9	9	1	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	* TOTALS
		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		0	0	0	1	1	1	1	1	3	3	3	3	3	4	4	4	4	5	5	5	6	6	
		2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	

URINARY SYSTEM

Kidney

Autolysis

Hyaline Droplet

Infiltration Cellular, Lymphocyte

Metaplasia, Osseous

Nephropathy

Capsule, Inflammation, Chronic Active

Urinary Bladder

Infiltration Cellular, Lymphocyte

Lumen, Dilatation

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	46	
																								1 4.0
																								2 2.5
																								21 1.1
																								1 1.0
																								8 1.0
																								1 3.0
																								47
																								2 1.0
																								4 3.8

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+ .. 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

ALIMENTARY SYSTEM

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

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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	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	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE CONTROL WATER	ANIMAL ID	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
		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
		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
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Seminal Vesicle

Testes

Spermatocoele

Seminiferous Tubule, Degeneration

HEMATOPOIETIC SYSTEM

Bone Marrow
HyperplasiaLymph Node
Axillary, Hyperplasia, Lymphoid
Inguinal, Hyperplasia, LymphoidLymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma CellLymph Node, Mesenteric
Angiectasis
Hematopoietic Cell Proliferation
Hemorrhage
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell
Thrombosis
Sinus, DilatationSpleen
Angiectasis

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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M .. Missing tissue
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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																									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	
C57BL/6N XC3H/HEN MTV-NCTR	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	
MICE MALE	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	
CONTROL WATER	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	
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		9	9	9	9	9	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		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	

Hematopoietic Cell Proliferation

Hyperplasia, Lymphoid

4 3

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

Thymus

Atrophy

Hyperplasia, Lymphoid

+ + + + + + + + + + + + + + + + + + + + + + + +

4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 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

Skin

Fibrosis

Inflammation, Chronic Active

Mineralization

Ulcer

+ + + + + + + + + + + + + + + + + + + + + + + +

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ + + + + + + + + + + + + + + + + + + + + + +

Skeletal Muscle

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

NERVOUS SYSTEM

Brain, Brain Stem

Mineralization

+ + + + + + + + + + + + + + + + + + + + + +

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Brain, Cerebellum

Hemorrhage

+ + + + + + + + + + + + + + + + + + + + + +

2

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M .. Missing tissue

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1-4 .. Lesion qualified as:

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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	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	
C57BL/6N XC3H/HEN MTV-NCTR	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	
MICE MALE	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	
CONTROL WATER	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	
	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
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemorrhage																										
Infiltration Cellular, Mononuclear Cell																										
Mineralization																										
Peripheral Nerve, Sciatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration																										
Spinal Cord, Cervical		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration																										
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	
Spinal Cord, Thoracic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Axon, Degeneration																										

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Histiocyte																										
Inflammation, Chronic Active																										
Nose	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyaline Droplet																										
Posterior To Upper Incisor, Dysplasia																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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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

SPECIAL SENSES SYSTEM

Eye Cataract

Harderian Gland Infiltration Cellular, Lymphocyte

URINARY SYSTEM

Kidney
Cyst
Hyaline Droplet
Infiltration Cellular, Lymphocyte
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

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TDMS No. 20313 - 06

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Species/Strain: MICE/B6C3F1/NCTR

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Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010

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

Lab: NCTR

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

ALIMENTARY SYSTEM

Esophagus	+ + + + M + + + + + + + A + + + + + + + +	46
Gallbladder Lumen, Dilatation	+ + + + A + + + + + + + M A + + + + + + + +	43
Intestine Large, Cecum Hyperplasia, Lymphoid	+ + + + A + + + + + + + + + A + + + + + + + +	43
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
Intestine Small, Jejunum	+ + + + A + + + + + + + + + A + + + + + + + +	44
Liver Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Thrombosis	+ + + + A + + + + + + + + + A + + + + + + + +	46
Oral Mucosa		1
Pancreas Edema	+ + + + A + + + + + + + + + A + + + + + + + +	45
		1 4.0

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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																								* 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 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9			
	ANIMAL ID	0 0 8 3 2	0 0 8 3 3	0 0 8 4 4	* TOTALS																					
Infiltration Cellular, Lymphocyte																										2 1.0
Acinus, Degeneration		1	1																							3 1.0
Salivary Glands		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Infiltration Cellular, Lymphocyte		2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17 1.2
Stomach, Forestomach		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Keratin Cyst		X	X																							2
Stomach, Glandular		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Inflammation, Chronic Active																										1 3.0
Epithelium, Hyperplasia																										1 4.0
CARDIOVASCULAR SYSTEM																										
Blood Vessel		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
ENDOCRINE SYSTEM																										
Adrenal Cortex		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Accessory Adrenal Cortical Nodule		X																								1
Hyperplasia																										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	1	1	1	1	1	1	2	2	35 1.2	
Adrenal Medulla		+	+	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Islets, Pancreatic		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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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

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

Lab: NCTR

	DAY ON TEST	C57BL/6N XC3H/HEN MTV-NCTR MICE MALE																							* TOTALS		
		0 7	0 7	0 7	0 0	0 7	0 5	0 7	0 7	0 6	0 7	0 7	0 4	0 6	0 7												
CONTROL WATER	ANIMAL ID	3 9	3 9	3 9	3 9	8 9	3 9	3 9	3 9	3 9	3 9	3 9	3 0	3 9	3 9	8 8	3 9	3 9	4 3	4 3	5 5	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	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
Hyperplasia																										2	1 2.0
Parathyroid Gland		+	+	+	+	M	+	+	+	+	+	+	M	+	A	+	+	+	+	+	+	+	+	+	+	43	
Pituitary Gland Pars Distalis, Cyst		+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	44	
Thyroid Gland Cyst		+	+	+	+	M	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	46	
Infiltration Cellular, Lymphocyte Follicle, Degeneration		2																								2	2.0
		1																								1	1 1.0
																										5	1.4

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

	DAY ON TEST	C57BL/6N XC3H/HEN MTV-NCTR MICE MALE																								* 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 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9	0 7 3 9			
	ANIMAL ID	0 0 8 3 2	0 0 8 3 3	0 0 8 4 4	0 0 8 4 4	0 0 8 5 4	0 0 8 5 4	0 0 8 5 5	0 0 8 5 5	0 0 8 5 5	0 0 8 5 1	0 0 8 1 2	0 0 8 1 3	0 0 8 1 4	0 0 8 1 4	0 0 8 1 2	0 0 8 2 3	* TOTALS								
Seminal Vesicle		+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	45
Testes		+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	45
Spermatocoele																										1 3.0
Seminiferous Tubule, Degeneration																										7 2.1
HEMATOPOIETIC SYSTEM																										
Bone Marrow		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperplasia																										3 2.7
Lymph Node																										3
Axillary, Hyperplasia, Lymphoid																										1 3.0
Inguinal, Hyperplasia, Lymphoid																										1 2.0
Lymph Node, Mandibular		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hyperplasia, Lymphoid																										4 1.5
Infiltration Cellular, Plasma Cell																										1 2.0
Lymph Node, Mesenteric		+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Angiectasis																										6 2.3
Hematopoietic Cell Proliferation																										1 3.0
Hemorrhage		2																								8 2.4
Hyperplasia, Lymphoid																										12 1.9
Infiltration Cellular, Plasma Cell																										1 3.0
Thrombosis																										1 1.0
Sinus, Dilatation		2																								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

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

Hematopoietic Cell Proliferation

Hyperplasia, Lymphoid

2 2 2 2 3 3 2 3 2 2 4 2 4 2 3 1 2 3 2 2 2 2 5 3.0
32 2.2

Thymus

Atrophy

Hyperplasia, Lymphoid

+ M + + A + + + + + + + + M + + + + M + + + 43
2 4 2 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 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 2 4 2 3 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 1 4.0
1 2.0
1 4.0
1 3.0**MUSCULOSKELETAL SYSTEM**

Bone, Femur

+ + + + + + + + + + + + + + + + + + + + + + + + 48

Skeletal Muscle

+ + + + A + + + + + + + + + + + + + + + + + + + 45

NERVOUS SYSTEM

Brain, Brain Stem

Mineralization

+ + + + A + + + + + + + + + + + + + + + + + + + 46
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 32 1.0

Brain, Cerebellum

Hemorrhage

+ + + + A + + + + + + + + + + + + + + + + + + + 46
1 2.0

* .. 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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-----------------------------------------|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|----------|--------|
| | | 0
7
3
9 | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE | CONTROL WATER | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ANIMAL ID | 0
0
8
3
2 | 0
0
8
3
3 | 0
0
8
3
4 | | | |
| Brain, Cerebrum | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Mineralization | | 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 | 28 1.1 |
| Peripheral Nerve, Sciatic | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Axon, 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 | 29 1.1 |
| Spinal Cord, Cervical | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Axon, Degeneration | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 5 1.0 | |
| Spinal Cord, Lumbar | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Axon, 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 | 25 1.0 |
| Nerve, Degeneration | | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 36 1.1 |
| Spinal Cord, Thoracic | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Axon, 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 | 38 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Nose | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Hyaline Droplet | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | 4 2.0 |
| Posterior To Upper Incisor, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Trachea | | + | + | + | + | 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

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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 |
|----------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | | 0
7 | 0
7 | 0
7 | 0
0 | 0
7 | 0
5 | 0
7 | 0
7 | 0
6 | 0
7 | 0
7 | 0
4 | 0
6 | 0
7 | 0
3 | 0
5 | 0
9 | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 3
9 | 3
9 | 3
9 | 3
9 | 8
9 | 3
9 | 3
9 | 3
9 | 3
9 | 3
9 | 3
9 | 3
0 | 3
9 | 3
9 | 8
8 | 3
9 | 3
9 | 4
3 | 4
5 | 3
9 | 3
9 | 3
9 | 3
9 | 3
9 | |
| CONTROL WATER | | 0
0 | |
| | ANIMAL ID | 8
8 | 8
5 | 8
5 | 8
5 | 9
1 | 9
1 | 9
1 | 9
2 | 9
2 | 9
2 | 9
2 | 9
3 | 9
3 | 9
3 | |
| | | 3
3 | 3
3 | 3
3 | 4
4 | 4
4 | 4
4 | 5
5 | 5
5 | 5
5 | 5
5 | 5
1 | 1
1 | 1
1 | 1
1 | 2
2 | 2
2 | 2
2 | 3
3 | 3
4 | 1
1 | 2
2 | 3
3 | 3
4 | 3
3 | 3
4 |
| | | 2
2 | 3
3 | 4
4 | 1
1 | 2
2 | 3
3 | 4
1 | 2
2 | 3
3 | 4
3 | 3
4 | 3
4 | |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|-------|
| Kidney | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hyaline Droplet | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.7 |
| Nephropathy | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 22 1.3 | | |
| | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 13 1.0 | |
| Urinary Bladder | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 8 1.0 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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

| DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------------------|
| | 0
7
3
3 | 0
5
4
6 | 0
5
9
8 | 0
5
6
8 | 0
6
8
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
4
9 | 0
5
4
2 | 0
7
3
9 | 0
6
8
0 | 0
7
2
9 | 0
7
3
3 | 0
5
4
4 | 0
5
3
9 | 0
7
3
9 | 0
3
6
5 | 0
6
8
4 |
| ANIMAL ID | 0
0
0
0
0
0
5
1 | 0
0
0
0
0
0
5
2 | 0
0
0
0
0
0
5
3 | 0
0
0
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0
5
4 | 0
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6
1 | 0
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2 | 0
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7
3 | 0
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4 | 0
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8
1 | 0
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0
0
8
2 | 0
0
0
0
0
0
8
3 | 0
0
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0
0
0
8
4 | 0
0
0
0
0
0
2
1 | 0
0
0
0
0
0
5
2 | 0
0
0
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0
0
5
2 | 0
0
0
0
0
0
2
3 | 0
0
0
0
0
0
3
4 | 0
0
0
0
0
0
3
1 | 0
0
0
0
0
0
3
2 | 0
0
0
0
0
0
3
3 | 0
0
0
0
0
0
4
1 | females
(cont...) |

ALIMENTARY 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 | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | |
|-------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | 0
7
3
3 | 0
5
4
6 | 0
5
9
8 | 0
6
8
8 | 0
7
3
9 | 0
6
4
5 | 0
6
8
9 | 0
7
2
1 | 0
7
3
9 | 0
5
8
9 | 0
5
4
2 | 0
7
3
9 | 0
6
8
0 | 0
7
2
9 | 0
7
3
3 | 0
5
4
4 | 0
7
3
9 | 0
7
3
9 | 0
6
8
4 | 0
7
3
5 | 0
6
8
4 | 0
7
0
8 | | |
| ANIMAL ID | 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
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0
6
2 | 0
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3 | 0
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6
4 | 0
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7
1 | 0
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2 | 0
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7
3 | 0
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4 | 0
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8
1 | 0
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2 | 0
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3 | 0
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8
4 | 0
0
0
8
1 | 0
0
0
8
2 | 0
0
0
8
3 | 0
0
0
8
4 | 0
0
0
8
1 | 0
0
0
8
2 | 0
0
0
8
3 | 0
0
0
8
4 | 0
0
0
8
1 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 4 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 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 | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | A | + | + | + | A | + | + | |
| Infiltration Cellular, Lymphocyte
Follicle, Degeneration | | | | | | | | | | | | | | | | 3 | 1 | 2 | | | | | | 1 | |

GENERAL BODY SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

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

HEMATOPOIETIC 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

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Lab: NCTR

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

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

Lab: NCTR

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

ALIMENTARY SYSTEM

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MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|--------|--------|
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6
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4 | 0
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| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
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8
7 | * TOTALS | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| Infiltration Cellular, Lymphocyte | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 1.7 | |
| Salivary Glands | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 17 1.3 | |
| Stomach, Forestomach | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | |
| Autolysis | 2 | | | | | 3 | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Epithelium, Hyperplasia | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 11 2.3 |
| Stomach, Glandular | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 39 | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Heart | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 | |

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MICE FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|----------------------------------------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|---|---|----|-----|-----------------|
| | | 0
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| ANIMAL ID | | 0
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4 | | | | | | |
| Accessory Adrenal Cortical Nodule | | X | | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Subcapsular, Hyperplasia | | 2 | 2 | 3 | 3 | | 2 | 2 | 2 | 2 | 2 | 2 | | 3 | 3 | 1 | 3 | 2 | 2 | 2 | | | | 38 | 2.2 | |
| Adrenal Medulla | | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 41 | |
| Islets, Pancreatic | | A | + | + | + | + | A | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | 40 | |
| Hyperplasia | | 1 | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Parathyroid Gland | | A | + | + | + | + | A | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | 41 | |
| Pituitary Gland | | A | + | + | + | + | A | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | 42 | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Thyroid Gland | | A | + | + | + | + | A | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | 41 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Clitoral Gland | A | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 41 | | |
| Degeneration | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 38 | 4.0 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Ovary | A | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 | | |
| Angiectasis | 3 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3.5 |
| Atrophy | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 30 | 3.9 | |

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

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I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

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

Lab: NCTR

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

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Lab: NCTR

C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.70 ACRYL

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 6 | 5 | 5 | 6 | 5 | 6 | 1 | 7 | 7 | 6 | 7 | 6 |
| 7 | 3 | 4 | 3 | 3 | 9 | 1 | 6 | 5 | 2 | 2 | 4 | 2 | 6 | 2 | 3 | 3 | 3 | 2 | 2 |
| 3 | 9 | 3 | 9 | 9 | 1 | 6 | 6 | 5 | 2 | 5 | 2 | 5 | 7 | 4 | 9 | 9 | 9 | 4 | 7 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| 2 | 3 | 4 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |

*** TOTALS**

NERVOUS SYSTEM

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

URINARY SYSTEM

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

± .. Tissue examined microscopically

M Missing tissue

X - Lesion present

| .. Insufficient tissue

A - Autolysis precludes evaluation

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Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010

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

Lab: NCTR

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

ALIMENTARY SYSTEM

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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

HEMATOPOIETIC SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

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

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

Bone, Femur + + + + + + + + + + + + A + + + + + + + + + + + + + + + + + + + + + + + + + + + + + +

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BLANK .. Not examined microscopically

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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

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

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I .. Insufficient tissue

M .. Missing tissue

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TDMS No. 20313 - 06

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Species/Strain: MICE/B6C3F1/NCTR

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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 | |
|---------------------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 5 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | |
| | ANIMAL ID | 3 | 0 | 0 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 8 | 1 | 5 | 1 | 5 | 4 | 0 | |
| | | 9 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 7 | 9 | 1 | 1 | 5 | 5 | 9 | 0 | 0 | 4 | 1 |
| | | 0 | 0 | 0 | 0 | 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 | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | |

* TOTALS

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 | | | | | | 5 1.4 |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | 1 | | | | | | 9 1.3 |
| Inflammation, Chronic Active | | 1 | | | | | | | | | | | | | | | 1 | | | | | | 2 1.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | 1 | | | | | | 4 1.5 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

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+ .. Tissue examined microscopically

M .. Missing tissue

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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
7
3
9 | 0
7
0
8 | 0
6
0
4 | 0
7
3
9 | 0
6
3
9 | 0
7
3
9 | 0
6
2
9 | 0
5
2
7 | 0
5
4
1 | 0
4
8
1 | 0
1
5 | 0
7
1 | 0
6
5 | 0
7
3 | 0
7
9 | 0
7
4 | 0
7
0 | 0
7
4 | 0
7
0 | 0
5
1 | | | | |
| ANIMAL ID | | 0
0
0
6
2
2 | 0
0
0
6
2
3 | 0
0
0
6
2
3 | 0
0
0
6
3
3 | 0
0
0
3
3
3 | * TOTALS | | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 5 1.0 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 24 1.3 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 2.3 |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 |
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 46 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 2 | 2 | 2 | 45 2.1 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 43 |

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

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I .. Insufficient tissue

M .. Missing tissue

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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

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MICE FEMALE
0.35 ACRYL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|---|----------|---|--------|-------|--------|
| ANIMAL ID | DAY ON TEST | 0
7
3
9 | 0
7
0
8 | 0
6
0
4 | 0
7
3
9 | 0
6
3
9 | 0
7
3
9 | 0
6
2
9 | 0
5
2
7 | 0
5
4
1 | 0
4
8
1 | 0
1
5 | 0
7
1 | 0
6
5 | 0
7
3 | 0
7
9 | 0
7
4 | 0
7
0 | 0
7
4 | 0
7
0 | 0
5
1
4 | | * TOTALS | | | | |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | | |
| Hyperplasia, Lymphoid | | | | | | | | | 2 | 1 | | | | | | | | | | | | | | | | 8 1.6 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Spleen | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | |
| Hematopoietic Cell Proliferation | | | | | | | | | 4 | | | | | | | | | | 3 | 3 | 3 | 4 | 2 | 2 | 3 | | 14 3.4 |
| Hyperplasia, Lymphoid | | | | | | | | | 3 | 2 | 4 | 2 | 4 | 3 | 4 | 2 | | 3 | 3 | 4 | 2 | 2 | 4 | | 24 2.8 | | |
| Thymus | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 3.1 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Skin | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Sebaceous Gland, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Sebaceous Gland, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 | |

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

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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
3
9 | 0
7
3
9 | 0
6
2
2 | 0
5
2
7 | 0
7
3
9 | 0
5
4
1 | 0
4
8
1 | 0
7
1
5 | 0
6
3
9 | 0
7
1
5 | 0
7
3
9 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | | |
| ANIMAL ID | | | 0
0
0
6
2
2 | 0
0
0
6
2
3 | 0
0
0
6
2
4 | 0
0
0
6
2
1 | 0
0
0
6
3
2 | 0
0
0
6
3
3 | 0
0
0
3
3
4 | 0
0
0
3
3
5 | 0
0
0
3
3
6 | 0
0
0
3
3
7 | 0
0
0
1
1
0 | * TOTALS |
| Skeletal Muscle
Degeneration
Infiltration Cellular, Lymphocyte | | | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | 1 4.0
1 1.0 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem
Compression
Mineralization | | | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | 1 3.0
24 1.0 |
| Brain, Cerebellum | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Brain, Cerebrum
Infiltration Cellular, Mononuclear Cell
Mineralization | | | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | 2 1.0
18 1.0 |
| Peripheral Nerve, Sciatic
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration
Schwann Cell, Hyperplasia | | | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | 1 1.0
17 1.2
1 1.0 |
| Spinal Cord, Cervical
Compression
Cyst
Infiltration Cellular, Mononuclear Cell
Axon, Degeneration | | | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 | 1 3.0
1
1 1.0
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 | 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 | 6 | 5 | 0 | 4 | 0 | 7 | 6 | 7 | 7 | 4 | 0 | 5 | |
| ANIMAL ID | | 3 | 0 | 0 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 8 | 1 | 5 | 1 | 5 | 3 | 9 | 0 | |
| | | 9 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 7 | 9 | 1 | 5 | 1 | 5 | 9 | 7 | 4 | 0 | 4 | 1 |

* TOTALS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|
| 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 | 32 1.1 | |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 1 | 33 1.0 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Cataract | 1 | | | | | | | | | | | | | | | | | | | | | | | | 10 2.3 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Phthisis Bulbi | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Cornea, Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 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 | 6 | 5 | 0 | 4 | 0 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | |
| ANIMAL ID | | 3 | 0 | 0 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 8 | 1 | 5 | 1 | 5 | 9 | 0 | 0 | |
| | | 9 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 7 | 9 | 1 | 1 | 5 | 5 | 9 | 3 | 4 | 0 | 4 | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 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 | |
| | | 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 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Infiltration Cellular, Lymphocyte | | 1 | | 1 | 1 | | 2 | | 1 | 1 | 2 | | 1 | | | | | | | | | | | 15 1.3 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | 1 | | | | | | | 2 1.0 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Infiltration Cellular, Lymphocyte | | 1 | | | 1 | | | 1 | | | | | | | | | | | | | | | | 11 1.0 |
| Lumen, Dilatation | | | | | | | 1 | | | 1 | | | | | | | 1 | | | | | | | 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
7
3
9 | 0
5
3
5 | 0
7
3
9 | 0
6
2
9 | 0
7
3
1 | 0
7
3
9 | 0
6
7
9 | 0
7
3
1 | 0
7
3
9 | 0
6
5
2 | 0
7
3
9 | 0
7
3
9 | 0
6
3
9 | 0
7
3
9 | 0
6
4
6 | 0
7
3
9 | 0
7
1
5 | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE 0.175 ACRYL | | | | | | | | | | | | | | | | | | | | females (cont...) |
| ANIMAL ID | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
3
4 | 0
0
3
3
1 | 0
0
3
3
2 | 0
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3
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4 | 0
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3
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4 | 0
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5 | 0
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3
4 | 0
0
4
4 | 0
0
4
4 | 0
0
4
4 | 0
0
5
5 | 0
0
5
5 | 0
0
5
5 |

ALIMENTARY 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

CARDIOVASCULAR SYSTEM

ENDOCRINE 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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

I .. Insufficient 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

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Lab: NCTR

Hydrometra

Endometrium. Hyperplasia, Cystic

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

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia

Lymph Node

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

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

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

Thymus
Atrophy
Cyst

* .. 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

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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

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

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

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Acrylamide

CAS Number: 79-06-1

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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 | 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 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 4 | 0 | 1 | 0 |
| ANIMAL ID | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 0 | 1 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 4 | 0 | 1 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | |

* TOTALS

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Intestine Large, Rectum | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | X | X | | | | 3 | |
| Hematopoietic Cell Proliferation | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Infiltration Cellular, Lymphocyte | 2 | | 1 | | | | | | | | | | | | | | | | | | | | | 10 1.2 |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Vacuolization Cytoplasmic | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 2.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | | | | | 1 | | | | | | | | | | | | | | | 7 1.1 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 2 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------------------------|-------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---|-------|--------|
| ANIMAL ID | DAY ON TEST | 0
7
3
9 | 0
7
3
9 | 0
7
3
9 | 0
5
3
9 | 0
7
3
9 | | | |
| | | 0
0
0
4
6
2 | 0
0
0
4
6
3 | 0
0
0
4
7
4 | 0
0
0
4
7
3 | | | |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | 2 | | 1 | 1 | | 1 | | 1 | 2 | | 1 | 1 | | 2 | | 2 | 1 | | 1 | | 2 | | | | | 25 1.4 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Epithelium, Hyperplasia | | | | | | | | | | 2 | | | 2 | | | | | | | | | | | | | 4 2.3 | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Subcapsular, Hyperplasia | | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 48 2.0 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Islets, Pancreatic | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hyperplasia | | 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:

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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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

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Acrylamide

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Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 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 | | |
|----------------------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--|
| | | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 4 | 0 | 7 | 4 | 7 | |
| | ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 0 | 7 | 4 | 6 | 4 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 4 | 0 | 1 | 1 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | 41 2.3 | |

HEMATOPOIETIC SYSTEM

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

* .. 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

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TDMS No. 20313 - 06

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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 | 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 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 4 | 0 | 7 | 4 | 7 | |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 0 | 1 | 6 | 4 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 4 | 0 | 0 | 1 | 0 | | |
| Hyperplasia, Lymphoid | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | |
| | | 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 1.0 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Mineralization | | 1 | 1 | 1 | 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 | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Brain, Cerebrum | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mineralization | | 1 | 1 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | 19 1.0 | |
| Peripheral Nerve, Sciatic | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Axon, Degeneration | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | 24 1.3 |

* .. 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:

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TDMS No. 20313 - 06

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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

SPECIAL SENSES SYSTEM

Eye

* .. Total animals with tissue examined

+ .. Tissue examined

X .. Lesion present
I .. Insufficient tissue

with lesion and mean severity grade

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Acrylamide

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Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
0.175 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 | |
|----------------------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 5 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 4 | 0 | 1 | 0 |
| ANIMAL ID | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 0 | 1 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 4 | 0 | 1 | 0 | |

* TOTALS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Cataract | 2 | 1 | 4 | 1 | 7 | 1.9 | | | | | | | | | | | | | | | | | | |
| Phthisis Bulbi | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | 3 | 2.7 | | | | | | | | | | | | | | | | | | |
| Cornea, Ulcer | | | | | 1 | 3.0 | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Infiltration Cellular, Lymphocyte | 2 | 1 | 1 | 2 | | 2 | | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 27 | 1.4 |
| Nephropathy | | | | 1 | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 23 | 1.2 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

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

+ .. Tissue examined microscopically

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Acrylamide

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Lab: NCTR

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

ALIMENTARY SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

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NONE

GENITAL SYSTEM

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| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Uterus | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | 4 | | | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | 4 | | |
| 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

| | | | | | |
|-----------------------------------|---|--|---|---|---|
| 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 | 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:

+ .. Tissue examined

X .. Lesion present
I Insufficient tissue

M .. Missing tissue
A Autolysis precludes evaluation

WANK Not examined microscopically.

1) Minimal 3) Moderate
2) Mild 4) Marked

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

RESPIRATORY SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

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I .. Insufficient tissue

A .. Autolysis precludes evaluation

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Acrylamide

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Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
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 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | |
| | ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 8 |
| | | 3 | 2 | 9 | 9 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 5 |

* TOTALS

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Esophagus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Intestine Large, Colon | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 3.0 |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| 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 | | | | | | | | | | | 12 1.2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 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

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BLANK .. Not examined microscopically

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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 | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 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 |
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Diverticulum | 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 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 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 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | 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 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Adrenal Medulla | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 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 |

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

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I .. Insufficient tissue

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1) Minimal 3) Moderate

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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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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Lab: NCTR

| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
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 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | |
| | ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 8 | |
| | | 3 | 2 | 9 | 9 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | |
| | | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Uterus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | 42 2.8 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 4 3.0 |
| Lymph Node | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Pancreatic, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Lymph Node, Mandibular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 10 1.6 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mesenteric | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 11 1.9 |
| Spleen | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 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

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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

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

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Lab: NCTR

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MICE FEMALE
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 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Brain, Cerebrum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 19 1.1 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Peripheral Nerve, Sciatic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 25 1.2 |
| Schwann Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Spinal Cord, Cervical | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.0 |
| Spinal Cord, Lumbar | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 5 1.0 |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 25 1.0 |
| Nerve, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 37 1.1 |
| Spinal Cord, Thoracic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 34 1.1 |

RESPIRATORY SYSTEM

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

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

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TDMS No. 20313 - 06

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1/NCTR

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Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010

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Lab: NCTR

ALIMENTARY SYSTEM

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

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Acrylamide

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

Lab: NCTR

| | DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | | | | | | | | | | | | | | | | | | | | | | | | females
(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 | | |
| | ANIMAL ID | 6 | 7 | 5 | 7 | 3 | 7 | 3 | 9 | 7 | 3 | 4 | 4 | 7 | 3 | 9 | 7 | 3 | 9 | 7 | 3 | 9 | 7 | 3 | 9 | 7 | |
| | | 4 | 3 | 9 | 3 | 9 | 3 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5 | 9 | 3 | 9 | 3 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pancreas | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serosa, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE 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

| | DAY ON TEST | C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
CONTROL WATER | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|-----------------------------------|-------------|------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|---|
| | | 0
6
4
5 | 0
7
3
9 | 0
5
9
3 | 0
7
3
9 | 0
7
3
9 | 0
7
4
0 | 0
7
4
0 | 0
7
3
9 | | | | |
| | ANIMAL ID | 0
0
2
1
1 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
1 | 0
0
2
3
2 | 0
0
2
3
4 | 0
0
2
3
1 | 0
0
2
3
2 | 0
0
2
3
3 | 0
0
2
3
0 | 0
0
2
3
0 | 0
0
2
3
1 | | |
| Adrenal Cortex | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | |
| Accessory Adrenal Cortical Nodule | | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | M | |
| Cyst | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Pituitary Gland | | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Compression | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Thyroid Gland | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

HEMATOPOIETIC SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

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MICE FEMALE
CONTROL WATER | | | | | | | | | | | | | | | | | | | | | | | | females
(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 | | |
| | ANIMAL ID | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 4 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 5 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| Lymph Node, Mesenteric | | + | + | A | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | 2 | | | | 2 | 2 | 2 | 2 | 2 | 1 | | | | | | | 2 | | | | | 1 | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | |
| Atrophy | | 3 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | | 2 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Brain, Brain Stem | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 | | | | | | | | | | | | | | | | | | | | | | | | | females
(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 | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 6 | 7 | 5 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| MICE FEMALE | | 4 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CONTROL WATER | | 5 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 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 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 |
| | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | |
| | | 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 | |
| Mineralization | | 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 | |
| Brain, Cerebellum | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Brain, Cerebrum | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malformation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Meninges, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Meninges, Perivascular, Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve, Sciatic | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Axon, Degeneration | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nerve, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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

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MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | females
(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 | |
| CONTROL WATER | ANIMAL ID | 6 | 7 | 5 | 7 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 4 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 5 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Nerve, Degeneration

2 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

+ + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + +

Infiltration Cellular, Lymphocyte

1

Polyarteritis

1

Axon, Degeneration

1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1

RESPIRATORY SYSTEM

Lung

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

Hemorrhage

4

Infiltration Cellular, Histiocyte

1

Infiltration Cellular, Lymphocyte

2

Polyarteritis

1

Alveolar Epithelium, Hyperplasia

Nose

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

Hyaline Droplet

2 2 1 2 2

Trachea

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

SPECIAL SENSES SYSTEM

Eye

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

Cataract

1

Bilateral, Cataract

Harderian Gland

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

URINARY SYSTEM

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

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MICE FEMALE | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---------------|-------------|-------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CONTROL WATER | ANIMAL ID | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 4 | 3 | 9 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 5 | 9 | 3 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Kidney

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

Autolysis

Cyst

Infiltration Cellular, Lymphocyte

Metaplasia, Osseous

Nephropathy

Glomerulus, Amyloid Deposition

Urinary Bladder

Infiltration Cellular, Lymphocyte

Polyarteritis

1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

2

1

1

+ + 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

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Galbladder | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 7 1.4 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.3 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 5 1.8 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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

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TDMS No. 20313 - 06

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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 |
|------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|----------|
| | | 0
7 | 0
5 | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 2
3 | 3
9 | 3
7 | | |
| CONTROL WATER | | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
3 | 0
0
7
1
2 | | |
| ANIMAL ID | | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
2 | | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 6 1.5 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 23 1.2 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 5 2.6 |
| Serosa, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| ENDOCRINE 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

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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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. 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

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Acrylamide

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

Lab: NCTR

HEMATOPOIETIC SYSTEM

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

± .. Tissue examined microscopically

M .. Missing tissue

X., Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

BLANK .. Not examined microscopically

1-4 ... Lesion qualified as:

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TDMS No. 20313 - 06

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Acrylamide

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Lab: NCTR

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|----------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|----------|--------|
| | | 0
7 | 0
5 | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 2
3 | 3
9 | 3
7 | | | |
| CONTROL WATER | | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
3 | 0
0
7
1
2 | | | |
| ANIMAL ID | | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
3 | 0
0
7
1
2 | | | |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 12 1.8 | |
| Polyarteritis | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 | |
| Spleen | | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 5 2.8 | |
| Hyperplasia, Lymphoid | | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 38 2.7 | |
| Pigmentation | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 | |
| Thymus | | + | + | M | + | + | M | M | + | M | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | 40 | |
| Atrophy | | 3 | 2 | | 2 | 3 | | 4 | | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 3 | 2 | 3 | 4 | 3 | 23 3.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 5 1.8 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Skin | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Skeletal Muscle | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 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

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Acrylamide

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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|----------|
| | | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
6 | 0
7 | 0
5 | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 2
3 | 3
9 | 3
9 | 3
9 | 3
9 | 3
9 | 3
5 | 3
9 | 3
9 | 3
9 | 3
9 | 3
9 | 3
9 | 3
1 | 3
9 | 3
3 | 3
7 | | |
| CONTROL WATER | | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
3 | 0
0
7
2
3 | | |
| ANIMAL ID | | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
3 | 0
0
7
2
3 | | |
| Mineralization | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Malformation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mineralization | | 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 | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | 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 1.0 | |
| Axon, Degeneration | | 1 | 1 | 1 | 1 | 2 | 1 | | | 1 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 25 1.0 | |

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

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|-------------------------------------------|---------------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| | | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
5 | | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE | CONTROL WATER | ANIMAL ID | 0
0
7
1
2 | 0
0
7
1
3 | |
| Nerve, Degeneration | | | 1
1
1
1
1 | 1
1
1
1
2 | 1
1
1
1
1 | 38
1.1 | | | |
| Spinal Cord, Thoracic | | | +
+
+
+
+ | 48 | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1
1.0 | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | 1
1.0 | |
| Axon, Degeneration | | | 1
2
3 | 3
4
1 | 1
2
2 | 41
1.1 | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | | | +
+
+
+
+ | 47 | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1
4.0 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1
3.0 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 3
1.3 | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | 1
1.0 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1
2.0 | |
| Nose | | | +
+
+
+
+ | 47 | | | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | 6
1.8 | |
| Trachea | | | +
+
+
+
+ | 47 | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | | +
+
+
+
+ | 45 | | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 2
1.0 | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 1
2.0 | |
| Harderian Gland | | | +
+
+
+
+ | 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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----|
| | | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
6 | 0
7 | 0
5 | | | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE | | 2
3 | 3
9 | 3
7 | 7 | | |
| CONTROL WATER | | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
4 | 0
0
7
1
5 | 0
0
7
1
6 | 0
0
7
1
7 | 0
0
7
1
8 | 0
0
7
1
9 | 0
0
7
2
0 | 0
0
7
2
1 | 0
0
7
2
2 | 0
0
7
2
3 | 0
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7
2
4 | 0
0
7
2
5 | 0
0
7
2
6 | 0
0
7
2
7 | 0
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7
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8 | 0
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7
2
9 | 0
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7
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7
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4 | 0
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7
3
5 | | |
| ANIMAL ID | | 0
0
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2 | 0
0
7
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3 | 0
0
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4 | 0
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5 | 0
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4 | 0
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5 | 0
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8 | 0
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9 | 0
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0 | 0
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1 | 0
0
7
3
2 | 0
0
7
3
3 | 0
0
7
3
4 | 0
0
7
3
5 | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | | 1
1 | 4.0 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1
1 | 2.0 |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | | | | | 1 | 2 | | 1 | 1 | | | | | 33
1 | 1.2 |
| Metaplasia, Osseous | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1
1 | 2.0 |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | | 2
2 | 1.0 |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 1.1 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | 1
1 | 1.0 |

*** END OF REPORT ***

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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