

TDMS No. 20313 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide
CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:46
First Dose M/F: 05/23/05 / 05/23/05
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																								
FISCHER 344 RATS-NCTR RATS MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	males (cont...)	
		6	7	7	6	7	5	7	5	7	7	6	6	7	6	5	7	5	5	7	5	7	7	5		6
0.70 ACRYL		2	4	4	9	4	3	3	6	4	0	0	7	4	1	0	4	6	9	4	9	4	2	8	6	2
	ANIMAL ID	1	4	4	8	4	6	0	1	4	1	3	6	3	2	7	4	7	2	4	3	4	5	3	3	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
		0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4
		1	1	2	2	3	4	4	5	5	1	1	2	2	3	3	4	4	5	5	1	1	2	2	3	1
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	X	+	+	+	+
Intestine Small, Jejunum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Hepatocellular Adenoma Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery Carcinoma, Metastatic, Intestine Small, Jejunum Leukemia Mononuclear																										
Oral Mucosa Squamous Cell Papilloma		+									+															

* .. Total animals with tissue examined microscopically; Total animals with tumor
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FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																								ANIMAL ID	males (cont...)	
	0621	0744	0744	0698	0744	0536	0733	0561	0744	0771	0566	0767	0674	0741	0663	0744	0577	0559	0744	0579	0744	0772	0563	0683			0462
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	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	2	2	3	4	4	5	5	1	1	2	2	3	3	4	4	5	5	1	1	2	2	1	2	2	3

Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear								X		X									X			X				
Acinar Cell, Adenoma																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue																										
Squamous Cell Carcinoma																										

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear				X			X			X	X		X								X					
Schwannoma Malignant			X		X		X																			

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																								X		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear				X				X		X		X		X									X			
Pheochromocytoma Malignant																							X			
Bilateral, Pheochromocytoma Benign																									X	

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	0621	0744	0774	0698	0744	0536	0733	0561	0744	0771	0663	0674	0667	0663	0572	0744	0567	0552	0744	0593	0744	0775	0583	0663			0421
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000011	

Bilateral, Pheochromocytoma Malignant

Islets, Pancreatic Adenoma + + + X + X

Parathyroid Gland Adenoma + + + M + + + + + + + + + + + + + + + + + X + M +

Pituitary Gland Leukemia Mononuclear Pars Distalis, Adenoma + X + + + X X X X X X X X X X X

Thyroid Gland C-cell, Adenoma C-cell, Carcinoma Follicular Cell, Adenoma Follicular Cell, Carcinoma + X + + + X X X X X X

GENERAL BODY SYSTEM

Peritoneum Tunica Vaginalis, Mesothelioma Malignant

Tissue NOS +

GENITAL SYSTEM

Epididymis Leukemia Mononuclear Mesothelioma Malignant + X X X X X X X X X X X

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	0621	0744	0774	0698	0744	0536	0753	0561	0774	0663	0674	0667	0674	0661	0570	0744	0567	0559	0744	0594	0794	0774	0525	0683		
	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	1001	2002	1001	2002	3003	4004	2001	3002	4003	5004	5001	1002	2001	2002	3001	3002	4001	4002	5001	5002	5001	5002	1001	1002	1001	1002

Penis	+																									
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																										
Carcinoma																										
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																										
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																										
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant																										
Bilateral, Interstitial Cell, Adenoma																										
Interstitial Cell, Adenoma																										

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																										
Lymph Node																										
Leukemia Mononuclear																										
Axillary, Leukemia Mononuclear																										
Deep Cervical, Leukemia Mononuclear																										
Lumbar, Leukemia Mononuclear																										
Mediastinal, Leukemia Mononuclear																										
Pancreatic, Leukemia Mononuclear																										

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	0621	0744	0774	0698	0744	0536	0733	0561	0744	0771	0663	0674	0667	0674	0511	0744	0567	0559	0744	0579	0744	0774	0583	0663		
Renal, Leukemia Mononuclear				X									X						X				X			
Lymph Node, Mandibular Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
				X			X			X	X								X			X				
Lymph Node, Mesenteric Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
										X													X			
Spleen Hemangiosarcoma Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
				X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Thymus Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+		
												X											X			
INTEGUMENTARY SYSTEM																										
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	
										X									X							
Skin Basal Cell Carcinoma Keratoacanthoma Squamous Cell Carcinoma Squamous Cell Papilloma Subcutaneous Tissue, Fibroma Subcutaneous Tissue, Hemangiosarcoma Subcutaneous Tissue, Lipoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
				X																						
																									X	

MUSCULOSKELETAL SYSTEM

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FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																								ANIMAL ID	males (cont...)			
	0621	0744	0774	0698	0744	0536	0773	0561	0774	0663	0667	0744	0661	0677	0574	0575	0744	0579	0744	0574	0774	0577	0575	0663			0664	0573	0663
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	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	2	2	3	4	4	5	5	1	1	2	2	3	3	4	4	5	5	1	1	2	2	1	1	2	2	3	1

Bone																									+				
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum Astrocytoma Nos Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Cervical Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Lumbar Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

RESPIRATORY SYSTEM

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	0621	0744	0774	0698	0744	0536	0733	0561	0744	0771	0663	0674	0663	0741	0662	0570	0744	0567	0559	0744	0573	0744	0775	0583			0663
Lung Carcinoma, Metastatic, Intestine Small, Jejunum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nose Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Zymbal's Gland Carcinoma																											
URINARY SYSTEM																											
Kidney Leukemia Mononuclear Renal Tubule, Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urethra Bulbourethral Gland, Leukemia Mononuclear																											
Urinary Bladder Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST	061	074	074	069	074	053	073	056	077	060	074	061	073	066	077	054	076	059	074	053	074	055	077	066	074	058	066	042	066	041
	ANIMAL ID	001	001	002	002	003	003	004	004	005	005	006	006	007	007	008	008	009	009	010	010	011	011	012	012	013	013	014	014	015	015
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2

males
(cont...)

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear			X	X			X		X	X	X	X	X		X		X	X	X		X									
Mesothelioma Malignant		X							X	X		X		X																

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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS-NCTR RATS MALE	DAY ON TEST	4	7	5	4	6	5	7	6	5	5	7	6	7	5	7	6	6	5	5	7	5	7	4	5	
		1	4	6	9	3	5	1	7	6	8	0	9	2	4	2	2	5	4	5	1	7	4	7	6	
		7	4	4	3	9	4	5	6	5	2	4	5	3	3	8	6	8	4	9	6	1	8	4	6	
0.70 ACRYL	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	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	
		4	4	4	4	4	8	8	8	8	8	8	8	8	8	8	4	4	4	4	4	4	4	4	4	
	3	4	4	4	5	5	1	1	2	2	3	3	4	4	5	5	3	3	4	4	5	5	6	6		
	2	1	2	1	2	1	2	1	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
																							* TOTALS			

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	47
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Leukemia Mononuclear																									3
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	45
Carcinoma																									1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hepatocellular Adenoma																		X							1
Leukemia Mononuclear	X						X		X	X			X	X		X	X	X	X		X	X			26
Mesentery																									4
Carcinoma, Metastatic, Intestine Small, Jejunum																									1
Leukemia Mononuclear																									1
Oral Mucosa																									3
Squamous Cell Papilloma																									1

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																				* TOTALS	
	0 4 1 7	0 7 4 4	0 5 6 3	0 4 9 9	0 6 3 4	0 5 5 5	0 7 1 6	0 6 7 5	0 5 6 2	0 5 8 4	0 7 0 5	0 6 9 3	0 7 2 3	0 5 4 8	0 7 2 6	0 6 5 4	0 5 4 9	0 5 5 6	0 7 1 8	0 5 7 4		0 7 4 6
ANIMAL ID	0 1 4 3 2	0 1 4 4 1	0 1 4 4 2	0 1 4 4 5	0 1 4 5 1	0 1 8 5 1	0 1 8 1 2	0 1 8 2 2	0 1 8 2 2	0 1 8 3 1	0 1 8 3 4	0 1 8 3 4	0 1 8 4 5	0 1 8 5 3	0 2 4 3 2	0 2 4 3 4	0 2 4 4 5	0 2 4 4 5	0 2 4 5 1	0 2 4 5 6	0 2 4 6 1	0 2 4 6 2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear														X								5
Acinar Cell, Adenoma		X												X								2
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Tongue																						1
Squamous Cell Carcinoma																						1
CARDIOVASCULAR SYSTEM																						
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear									X					X			X					10
Schwannoma Malignant			X																X		X	6
ENDOCRINE SYSTEM																						
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear									X				X									3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	47
Leukemia Mononuclear													X		X							7
Pheochromocytoma Malignant																				X		2
Bilateral, Pheochromocytoma Benign																						1

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																				ANIMAL ID			
	0 4 1 7	0 7 4 4	0 5 6 3	0 4 9 9	0 6 3 4	0 5 5 5	0 7 1 6	0 6 7 5	0 5 5 2	0 5 8 4	0 7 0 5	0 6 9 3	0 7 2 3	0 5 4 8	0 7 2 6	0 6 5 4	0 5 4 9	0 5 5 6	0 7 1 8	0 5 7 4			0 7 4 6	
	0 1 4 3 2	0 1 4 4 1	0 1 4 4 2	0 1 4 5 1	0 1 4 5 2	0 1 8 1 1	0 1 8 1 2	0 1 8 2 2	0 1 8 2 2	0 1 8 3 1	0 1 8 3 4	0 1 8 4 2	0 1 8 5 1	0 1 8 6 2	0 2 4 3 2	0 2 4 3 2	0 2 4 4 1	0 2 4 5 2	0 2 4 5 1	0 2 4 5 2	0 2 4 6 1	0 2 4 6 2		
																						* TOTALS		

Bilateral, Pheochromocytoma Malignant																					X	1																				
Islets, Pancreatic Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	48 6																		
Parathyroid Gland Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M		44 1																		
Pituitary Gland Leukemia Mononuclear Pars Distalis, Adenoma	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	47 4 28																		
Thyroid Gland C-cell, Adenoma C-cell, Carcinoma Follicular Cell, Adenoma Follicular Cell, Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	48 3 1 3 6

GENERAL BODY SYSTEM																							
Peritoneum																					+	2	
Tunica Vaginalis, Mesothelioma Malignant																					X	2	
Tissue NOS																						1	

GENITAL SYSTEM																								
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear																					X	1		
Mesothelioma Malignant																					X	8		

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 + .. Tissue examined microscopically
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 I .. Insufficient tissue

M .. Missing tissue
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TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																				ANIMAL ID			
	0 4 1 7	0 7 4 4	0 5 6 3	0 4 9 9	0 6 3 4	0 5 5 5	0 7 1 6	0 6 7 5	0 5 5 2	0 5 8 4	0 7 0 5	0 6 9 3	0 7 2 3	0 5 4 8	0 7 2 6	0 6 5 4	0 5 4 9	0 5 5 6	0 7 1 8	0 5 7 4			0 7 4 6	
	0 1 4 3 2	0 1 4 4 1	0 1 4 4 2	0 1 4 4 1	0 1 4 4 2	0 1 8 5 1	0 1 8 1 2	0 1 8 2 2	0 1 8 2 2	0 1 8 3 1	0 1 8 3 4	0 1 8 4 2	0 1 8 5 1	0 1 8 5 2	0 2 4 3 2	0 2 4 3 1	0 2 4 4 2	0 2 4 5 1	0 2 4 5 2	0 2 4 5 1	0 2 4 6 2	0 2 4 6 2		
																						* TOTALS		

Penis																						1		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Adenoma										X		X												4
Carcinoma				X																				2
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear																								1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear																								1
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Mesothelioma Malignant						X		X						X										5
Bilateral, Interstitial Cell, Adenoma					X	X	X						X		X		X	X	X		X			24
Interstitial Cell, Adenoma											X		X		X							X		9

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
Leukemia Mononuclear												X												2
Lymph Node		+			+	+				+	+		+	+	+	+				+	+			24
Leukemia Mononuclear									X															1
Axillary, Leukemia Mononuclear												X												2
Deep Cervical, Leukemia Mononuclear																								1
Lumbar, Leukemia Mononuclear												X								X	X			6
Mediastinal, Leukemia Mononuclear													X		X						X	X		7
Pancreatic, Leukemia Mononuclear												X			X		X			X	X			10

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 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																				* TOTALS		
	0 4 1 7	0 7 4 4	0 5 6 3	0 4 9 9	0 6 3 4	0 5 5 5	0 7 1 6	0 6 7 5	0 5 2 2	0 5 8 4	0 7 0 5	0 6 9 3	0 7 2 3	0 5 4 8	0 7 2 6	0 6 5 4	0 5 4 9	0 5 5 6	0 7 1 8	0 5 7 4		0 5 4 6	
ANIMAL ID	0 1 4 3 2	0 1 4 4 1	0 1 4 4 2	0 1 4 4 1	0 1 4 5 2	0 1 1 5 1	0 1 1 1 2	0 1 1 2 1	0 1 1 2 2	0 1 1 3 1	0 1 1 3 2	0 1 1 3 4	0 1 1 4 2	0 1 1 5 1	0 2 2 3 2	0 2 4 3 1	0 2 4 4 2	0 2 4 5 1	0 2 4 5 2	0 2 4 5 1	0 2 4 5 2	0 2 4 6 1	
Renal, Leukemia Mononuclear														X		X				X	X		8
Lymph Node, Mandibular Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
										X				X		X	X				X		12
Lymph Node, Mesenteric Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
										X			X	X		X	X				X		8
Spleen Hemangiosarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear	X					X	X	X	X	X			X	X		X	X	X	X		X	X	28
Thymus Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
																X							3
INTEGUMENTARY SYSTEM																							
Mammary Gland Fibroadenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	44
										X													3
Skin Basal Cell Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Keratoacanthoma											X					X							2
Squamous Cell Carcinoma													X			X							1
Squamous Cell Papilloma												X											1
Subcutaneous Tissue, Fibroma																	X						1
Subcutaneous Tissue, Hemangiosarcoma															X								1
Subcutaneous Tissue, Lipoma																							1

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																				* TOTALS	
	0 4 1 7	0 7 4 4	0 5 6 3	0 4 9 9	0 6 3 4	0 5 5 5	0 7 1 6	0 6 7 5	0 5 5 2	0 5 8 4	0 7 0 5	0 6 9 3	0 7 2 3	0 5 4 8	0 7 2 6	0 6 5 4	0 5 4 9	0 5 5 6	0 7 1 8	0 5 7 4		0 7 4 6
ANIMAL ID	0 1 4 3 2	0 1 4 4 1	0 1 4 4 2	0 1 4 4 1	0 1 4 5 2	0 1 8 5 1	0 1 8 1 2	0 1 8 2 2	0 1 8 2 2	0 1 8 3 1	0 1 8 3 4	0 1 8 3 2	0 1 8 4 1	0 1 8 5 2	0 2 4 3 1	0 2 4 3 2	0 2 4 4 1	0 2 4 5 1	0 2 4 5 1	0 2 4 5 1	0 2 4 5 1	0 2 4 6 2
Bone																						1
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear															X							1
NERVOUS SYSTEM																						
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Astrocytoma Nos											X											2
Leukemia Mononuclear																			X			1
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear												X										1
Peripheral Nerve, Sciatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Cervical	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear												X							X			3
Spinal Cord, Lumbar	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear												X							X			2
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																			X			1

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.70 ACRYL	DAY ON TEST																				* TOTALS	
	0 4 1 7	0 7 4 4	0 5 6 3	0 4 9 9	0 6 3 4	0 5 5 5	0 7 1 6	0 6 7 5	0 5 6 2	0 5 8 4	0 7 0 5	0 6 9 3	0 7 2 3	0 5 4 8	0 7 2 6	0 6 5 4	0 5 4 9	0 5 5 6	0 7 1 8	0 5 7 4		0 7 4 6
ANIMAL ID	0 1 4 3 2	0 1 4 4 1	0 1 4 4 2	0 1 4 5 1	0 1 4 5 2	0 1 8 1 1	0 1 8 1 2	0 1 8 2 1	0 1 8 2 2	0 1 8 3 1	0 1 8 3 4	0 1 8 4 2	0 1 8 5 1	0 1 8 5 2	0 2 4 3 1	0 2 4 3 2	0 2 4 4 1	0 2 4 5 2	0 2 4 5 1	0 2 4 5 2	0 2 4 5 1	0 2 4 6 2
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Carcinoma, Metastatic, Intestine Small, Jejunum																						1
Leukemia Mononuclear									X				X	X		X	X	X		X	X	21
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear													X									2
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
SPECIAL SENSES SYSTEM																						
Eye	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	45
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Zymbal's Gland	+																					1
Carcinoma	X																					1
URINARY SYSTEM																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																X						2
Renal Tubule, Carcinoma																						1
Urethra																+						1
Bulbourethral Gland, Leukemia Mononuclear																X						1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear																						1

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TDMS No. 20313 - 05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010

Time Report Requested: 14:38:46

First Dose M/F: 05/23/05 / 05/23/05

Lab: NCTR

		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST		4	7	5	4	6	5	7	6	5	5	7	6	7	5	7	6	6	5	5	7	5	7	5
FISCHER 344 RATS-NCTR RATS MALE		1	4	6	9	3	5	1	7	6	8	0	9	2	4	2	2	5	4	5	1	7	4	7
		7	4	3	9	4	5	6	5	2	4	5	3	3	8	6	8	4	9	6	1	8	4	6
0.70 ACRYL		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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
		4	4	4	4	4	8	8	8	8	8	8	8	8	8	8	4	4	4	4	4	4	4	4
		3	4	4	4	5	5	1	1	2	2	3	3	4	4	5	5	3	4	4	5	5	6	6
	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
																						* TOTALS		

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Mononuclear	X					X	X	X	X	X				X	X		X	X	X	X		X	X	28
Mesothelioma Malignant						X		X						X										8

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+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE 0.35 ACRYL	DAY ON TEST																									ANIMAL ID	males (cont...)
	0691	0744	0691	0561	0744	0774	0777	0777	0777	0777	0676	0776	0676	0776	0777	0777	0666	0666	0555	0444	0777	0777	0777	0555	0777		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00361	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00336	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00337	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00338	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00339	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00340	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00341	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00342	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00343	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00344	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00345	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00346	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00347	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00348	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00349	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00350	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00351	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00352	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00353	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00354	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00355	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00356	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00357	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00358	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00359	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00360	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon Leukemia Mononuclear Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Hepatocellular Adenoma Histiocytic Sarcoma Leukemia Mononuclear	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery Leukemia Mononuclear	X		X			X		X		X	X	X	X	X		X	X	X			X	X			
Oral Mucosa Squamous Cell Carcinoma								+	+					+	+					+					

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

		DAY ON TEST																							males (cont...)
FISCHER 344 RATS-NCTR RATS MALE 0.35 ACRYL	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	
		6	7	6	5	7	7	7	7	6	7	6	7	7	7	6	6	5	4	7	7	7	5	7	
		9	4	9	6	4	4	4	0	4	3	4	8	0	4	2	2	9	3	1	4	4	4	8	4
		1	4	1	1	4	4	4	5	4	1	4	6	5	4	5	4	1	7	2	5	8	4	4	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	4	4	7	7	7	7	7	7	7	7	7	7	3	3	3	3	
		6	6	7	7	8	8	9	9	0	1	1	2	2	3	3	4	4	5	5	1	1	2	2	
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	

Squamous Cell Papilloma

X

X

X

Pancreas

+ +

Histiocytic Sarcoma

Leukemia Mononuclear

Lymphoma Malignant

X

X

Salivary Glands

Lymphoma Malignant

+ +

Stomach, Forestomach

Leukemia Mononuclear

Lymphoma Malignant

+ +

X

Stomach, Glandular

Lymphoma Malignant

+ +

Tongue

Squamous Cell Papilloma

+

X

CARDIOVASCULAR SYSTEM

Blood Vessel

Leukemia Mononuclear

+ +

X

Heart

Leukemia Mononuclear

Lymphoma Malignant

Schwannoma Malignant

+ +

X

X

X

X

X

X

X

X

X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | males
(cont...) |
|----------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|
| FISCHER 344 RATS-NCTR RATS | | 6 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | 5 | 4 | 7 | 7 | 7 | 5 | 7 | 7 | | | |
| MALE | | 9 | 4 | 9 | 6 | 4 | 4 | 4 | 0 | 4 | 3 | 4 | 8 | 0 | 4 | 2 | 2 | 9 | 3 | 1 | 4 | 4 | 4 | 8 | 4 | | | |
| 0.35 ACRYL | | 1 | 4 | 1 | 1 | 4 | 4 | 4 | 5 | 4 | 1 | 4 | 6 | 5 | 4 | 1 | 7 | 2 | 5 | 8 | 4 | 4 | 5 | 4 | 4 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 1 | 1 | 1 | 2 | 2 | | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X | | | | | | | | | | | | X | | | | | | | | | | | |
| Pheochromocytoma Benign | | X | | | | | | | | | | X | | | | | | | | X | | | | |
| Pheochromocytoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | X |
| Bilateral, Pheochromocytoma Benign | | | | | X | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | X | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | X | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Adenoma | X | X | | X | X | X | | X | X | | X | | X | X | X | | X | | | | | X | | X |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | |
| C-cell, Adenoma | | | | | | | | | | | | | | | | | | X | | | | | | |
| Follicular Cell, Adenoma | | | | | | | | | | | | | | | | | | | | X | | | | |
| Follicular Cell, Carcinoma | | | | | | X | | | | | | X | | | | | | | | X | | | | X |

GENERAL BODY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
|---|-----------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|------|
| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | ANIMAL ID | 0691 | 0744 | 0691 | 0574 | 0774 | 0774 | 0774 | 0774 | 0674 | 0764 | 0774 | 0774 | 0774 | 0674 | 0664 | 0554 | 0444 | 0774 | 0774 | 0774 | 0574 | 0444 | 0774 | 0574 | | 0774 | |
| | | 0036 | 0037 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0034 | 0034 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | 0037 | | 0037 | 0037 |
| | | 1121 | 2212 | 1122 | 1121 | 2212 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | 1122 | |

Tissue NOS

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesothelioma Malignant | | X | | | | | | | | | | | X | | | | X | | | | | | | | | |
| Penis | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | X | X | | | | | X | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | X | | | | | | | | | X | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | | | | X | | | | | | | | | | | | X | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Interstitial Cell, Adenoma | X | | | | X | X | X | | X | X | | | | | X | X | | | | | | X | X | X | | |
| Interstitial Cell, Adenoma | | X | X | | | | | | X | | | X | X | X | | | X | | | | | | | | X | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0691 | 0744 | 0691 | 0564 | 0774 | 0774 | 0774 | 0774 | 0774 | 0674 | 0764 | 0764 | 0774 | 0774 | 0774 | 0664 | 0664 | 0554 | 0444 | 0774 | 0774 | 0774 | 0554 | 0774 | 0774 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00361 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00337 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00337 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00661 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00661 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | + | | | + | | | + | | | | + | + | + | | | + | | + | | | | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Axillary, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Leukemia Mononuclear | X | | | | | | | | | | | X | X | | X | | X | | | | | | | | |
| Lumbar, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Leukemia Mononuclear | | | X | | | | | | | | | X | X | | | | X | | | | | | | | |
| Pancreatic, Leukemia Mononuclear | X | | | | | | | | | | | | | | | | X | | | | | | | | |
| Pancreatic, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Leukemia Mononuclear | X | | | | | | | | | | | X | | | | | | | | | | | | | |
| Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Leukemia Mononuclear | | | X | | | | | | | | | X | X | | X | X | X | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X | | X | | | | | | | | | X | | | | | X | | X | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X | X | X | | | | X | | X | | X | X | X | X | X | X | X | X | | | | X | X | | |

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 + .. Tissue examined microscopically
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 Acrylamide
 CAS Number: 79-06-1

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0691 | 0744 | 0691 | 0561 | 0744 | 0774 | 0777 | 0777 | 0777 | 0777 | 0667 | 0776 | 0667 | 0776 | 0777 | 0777 | 0666 | 0666 | 0555 | 0444 | 0777 | 0777 | 0777 | 0555 | 0777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00361 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00336 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00376 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00316 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00326 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00376 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00386 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00396 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00316 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00326 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00376 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00386 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00396 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00316 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00326 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00376 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00386 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00396 | |

Lymphoma Malignant

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | X | | | | | | | | | X | | | | X | | X | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibroadenoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basal Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keratoacanthoma | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0691 | 0744 | 0691 | 0564 | 0774 | 0774 | 0774 | 0774 | 0774 | 0674 | 0764 | 0774 | 0774 | 0774 | 0664 | 0664 | 0554 | 0447 | 0774 | 0774 | 0774 | 0554 | 0447 | 0774 | 0554 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00361 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00336 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00337 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00338 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00339 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00340 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00341 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00342 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00343 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00344 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00345 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00346 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00347 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00348 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00349 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00350 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00351 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00352 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00353 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00354 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00355 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00356 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00357 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00358 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00359 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00360 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00361 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00362 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00363 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00364 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00365 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00366 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00367 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00368 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00369 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 00370 | |

Carcinoma, Metastatic, Uncertain Primary Site
 Leukemia Mononuclear

Brain, Cerebellum
 Leukemia Mononuclear

Brain, Cerebrum

Peripheral Nerve, Sciatic

Spinal Cord, Cervical
 Leukemia Mononuclear

Spinal Cord, Lumbar
 Leukemia Mononuclear

Spinal Cord, Thoracic

RESPIRATORY SYSTEM

Lung
 Alveolar/Bronchiolar Adenoma
 Histiocytic Sarcoma
 Leukemia Mononuclear
 Lymphoma Malignant

Nose
 Leukemia Mononuclear

Trachea

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0691 | 0744 | 0691 | 0561 | 0744 | 0774 | 0777 | 0777 | 0777 | 0676 | 0776 | 0676 | 0777 | 0777 | 0777 | 0676 | 0666 | 0555 | 0444 | 0777 | 0777 | 0777 | 0555 | 0777 | 0777 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 3 | 3 | 3 | 3 |
| | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland
Adenocarcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Zymbal's Gland
Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney
Leukemia Mononuclear
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Urinary Bladder
Leukemia Mononuclear
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ
Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X | X | X | | | X | | X | | X | X | X | X | X | X | X | X | | | | | X | X | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | X | | | | | | | | | | | X | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|------------------|
| | 0
7
4
4 | 0
7
2
6 | 0
6
9
8 | 0
5
8
6 | 0
7
4
4 | 0
6
5
4 | 0
6
6
9 | 0
6
6
4 | 0
7
9
4 | 0
6
7
4 | 0
7
3
7 | 0
6
4
0 | 0
7
8
2 | 0
5
0
2 | 0
5
3
6 | 0
5
5
5 | 0
7
2
4 | 0
6
2
6 | 0
7
4
4 | 0
7
4
4 | | | 0
6
9
0 |
| | 0
1
3
3
2 | 0
1
3
4
1 | 0
1
3
4
2 | 0
1
3
5
1 | 0
1
3
5
2 | 0
1
7
6
1 | 0
1
7
6
2 | 0
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7
1 | 0
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7
7
2 | 0
1
7
7
8 | 0
1
7
7
8 | 0
1
7
7
9 | 0
1
8
9
0 | 0
1
8
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2 | 0
2
1
4
1 | 0
2
1
4
2 | 0
2
1
5
1 | 0
2
1
6
2 | 0
2
1
6
1 | 0
2
1
7
2 | 0
2
1
7
1 | | |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2 |
| Intestine Large, Colon
Leukemia Mononuclear
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1
1 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Jejunum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Liver
Hepatocellular Adenoma
Histiocytic Sarcoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2
1
29 |
| Mesentery
Leukemia Mononuclear | | | | + | | | | | + | | | | | + | | | | | + | | | | | 7
2 |
| Oral Mucosa
Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | + | | | 6
1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
4
4 | 0
7
2
6 | 0
6
9
8 | 0
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4 | 0
6
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9 | 0
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4 | 0
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4 | 0
6
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4 | 0
7
3
7 | 0
6
4
0 | 0
7
8
2 | 0
5
0
2 | 0
5
3
6 | 0
5
5
5 | 0
7
2
4 | 0
6
2
6 | 0
7
4
4 | 0
7
4
4 | | 0
6
9
0 |
| ANIMAL ID | 0
1
3
3
2 | 0
1
3
4
1 | 0
1
3
4
2 | 0
1
3
5
1 | 0
1
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2 | 0
2
1
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1 | 0
2
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6
2 | 0
2
1
7
1 | 0
2
1
7
2 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | 3 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | X | | X | | | | X | X | | | | | | 6 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Tongue | | | | | | | | | | | | | | | | | | | | | + | 2 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | X | X | X | | | | X | X | | | X | X | | 15 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Schwannoma Malignant | | X | | | | | | | | | | | X | | | | | | | | | 4 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

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 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
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| ANIMAL ID | 0
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ENDOCRINE SYSTEM

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|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | 3 |
| Pheochromocytoma Benign | | | | | | | | | X | | | X | | | | | | X | X | | X | | 9 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Bilateral, Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | | | | | | | | | | | | | | X | | | | | 1 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 47 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | X | | | | | | | 3 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Pars Distalis, Adenoma | X | X | | | X | X | X | X | X | X | X | | | X | | X | | X | X | X | X | X | 31 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| C-cell, Adenoma | | | | | | | | | | | | | X | | | | | | | | | | 2 |
| Follicular Cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Follicular Cell, Carcinoma | | X | | | | | | | | | | | | | | | | | | X | | | 6 |

GENERAL BODY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
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Tissue NOS + 1

GENITAL SYSTEM

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|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Mesothelioma Malignant | | | X | | | | | | | | | | | | | | | | X | | | | 5 |
| Penis | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | | | | | | | | | | | X | | | | 4 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Carcinoma | | | | | | | | | | | | X | | | | | X | | | | X | | 5 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | X | X | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Mesothelioma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Interstitial Cell, Adenoma | X | X | X | X | X | X | | | X | X | | | | | X | | | X | X | X | X | | 23 |
| Interstitial Cell, Adenoma | | | | | | X | | | X | X | X | X | X | | | X | | | | | | | 14 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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| FISCHER 344 RATS-NCTR RATS
MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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HEMATOPOIETIC SYSTEM

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | X | | | | | | | | | | 2 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node | | + | + | + | | | | | + | | | | | + | + | + | + | | | + | + | | + | 21 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Axillary, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | 2 |
| Axillary, Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | | X | | 7 |
| Lumbar, Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Mediastinal, Leukemia Mononuclear | | X | | X | | | | | X | | | | X | X | X | | | | X | | X | | | 12 |
| Pancreatic, Leukemia Mononuclear | | X | | X | | | | | X | | | | X | | X | | | | | | | | | 7 |
| Pancreatic, Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | X | | X | | 5 |
| Renal, Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenocarcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | X | | | | | X | X | | X | | X | X | X | | | | X | | | | 14 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | X | | | X | | X | X | | X | | X | X | X | | | | X | | | | 15 |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | X | X | | X | X | X | X | | X | | X | X | X | X | | X | X | X | X | | 32 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
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|----------------------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Lymphoma Malignant | X | | | | | | | | | | | | | | | | | | | | 1 |
| Thymus | + | | | | | | | | | | | | | | | | | | | | 48 |
| Histiocytic Sarcoma | X | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | X X X X X | | | | | | | | | | | | | | | | | | | | 10 |
| Lymphoma Malignant | X | | | | | | | | | | | | | | | | | | | | 1 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|
| Mammary Gland
Fibroadenoma | + + + M + + + + + M + + + + M + + + + X + + | | | | | | | | | | | | | | | | | | | | 43
1 |
| Skin | + + + + + + + + + X + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | 48 |
| Basal Cell Carcinoma | X | | | | | | | | | | | | | | | | | | | | 3 |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | 2 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Fibroma | X X | | | | | | | | | | | | | | | | | | | | 3 |
| Subcutaneous Tissue, Hemangiosarcoma | X | | | | | | | | | | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Bone | | | | | | | | | | | | | | | | | | | | | 1 |
| Bone, Femur | + | | | | | | | | | | | | | | | | | | | | 48 |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | 48 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Brain, Brain Stem | + | | | | | | | | | | | | | | | | | | | | 48 |
|-------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:46
First Dose M/F: 05/23/05 / 05/23/05
Lab: NCTR

| FISCHER 344 RATS-NCTR RATS MALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|---|
| | 0744 | 0726 | 0698 | 0586 | 0744 | 0669 | 0666 | 0679 | 0667 | 0673 | 0673 | 0648 | 0772 | 0550 | 0553 | 0555 | 0722 | 0666 | 0744 | 0774 | | 0769 | 0660 | |
| ANIMAL ID | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | 01332 | |
| Carcinoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | | | | | | X | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | X | | | | | | | 2 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | X | | | | | 3 | |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | | | | | | 1 | |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Histiocytic Sarcoma | | | | | | X | | | | | | | | | | | | | | | | | 1 | |
| Leukemia Mononuclear | | X | | X | | | X | | X | X | | X | | X | X | X | X | | X | X | | X | 23 | |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | 1 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

| 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 |
|--|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|
| FISCHER 344 RATS-NCTR RATS MALE | 7 | 7 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 6 | 7 | 6 | 4 | 7 | 5 | 5 | 5 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | |
| | 4 | 2 | 9 | 8 | 4 | 5 | 6 | 9 | 0 | 7 | 3 | 4 | 8 | 2 | 0 | 3 | 5 | 2 | 4 | 4 | 4 | 4 | 9 | 0 | |
| | 4 | 6 | 8 | 6 | 4 | 4 | 9 | 4 | 4 | 7 | 3 | 7 | 0 | 2 | 2 | 6 | 5 | 4 | 6 | 4 | 4 | 4 | 0 | 0 | |
| | 0.35 ACRYL | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 3 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 0 | 0 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Eye | + | + | + | + | + | + | + | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Harderian Gland
Adenocarcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Zymbal's Gland
Carcinoma | | | | | | | | | | | | | | | | | | | | | | | + | | 1
1 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Kidney
Leukemia Mononuclear
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2
1 |
| Urinary Bladder
Leukemia Mononuclear
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2
1 |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------------------|
| Multiple Organ
Histiocytic Sarcoma
Leukemia Mononuclear
Lymphoma Malignant
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1
32
1
5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------------------|

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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

TDMS No. 20313 - 05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010

Time Report Requested: 14:38:46

First Dose M/F: 05/23/05 / 05/23/05

Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|------------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| FISCHER 344 RATS-NCTR RATS
MALE | | 0
6
8
0 | 0
5
6
2 | 0
7
1
2 | 0
7
3
3 | 0
5
6
9 | 0
3
7
6 | 0
6
7
0 | 0
7
4
4 | 0
6
4
1 | 0
7
4
4 | 0
5
2
6 | 0
7
4
4 | 0
7
2
6 | 0
6
3
0 | 0
5
5
4 | 0
7
4
4 | 0
7
5
4 | 0
7
1
4 | 0
7
1
9 | 0
5
8
5 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | | |
| 0.175 ACRYL | | 0
0
4
1
1 | 0
0
4
1
2 | 0
0
4
2
1 | 0
0
4
2
3 | 0
0
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0
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4
2 | 0
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4
4
1 | 0
0
4
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2 | 0
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4
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5 | 0
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5 | 0
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8
6
1 | 0
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8
8
7 | 0
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8
7 | 0
0
8
8
8 | 0
0
8
8
1 | 0
0
8
8
2 | 0
0
8
8
1 | 0
0
9
9
2 | 0
0
9
9
0 | 0
0
1
1
1 | 0
0
2
2
2 | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
3
2
1 | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Leukemia Mononuclear | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Leukemia Mononuclear | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Adenoma | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Leukemia Mononuclear | | | | X | X | | | | | X | X | X | | | X | | | | X | X | | X | | X | X |
| Mesentery | | | | | | | | + | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | + | + | | | | X |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0680 | 0562 | 0712 | 0733 | 0569 | 0376 | 0674 | 0764 | 0671 | 0744 | 0674 | 0744 | 0772 | 0663 | 0555 | 0744 | 0774 | 0571 | 0771 | 0585 | 0744 | 0774 | 0574 | 0774 | | |
| | 0041 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | |
| | 1111 | 2211 | 2221 | 2231 | 3321 | 3341 | 2211 | 2221 | 2241 | 5511 | 5561 | 6671 | 7771 | 8881 | 8881 | 8881 | 8881 | 8881 | 8881 | 9901 | 9901 | 0011 | 0011 | 0011 | 0011 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreas
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | X | | | | | | | | | | | X | | | | | | | | | | |
| Salivary Glands
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach
Leukemia Mononuclear | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | X | | | | | | | | | | |
| Stomach, Glandular
Leukemia Mononuclear | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | X | | | | | | | | | | | X | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Schwannoma Malignant | | | X | X | | | X | X | | X | X | | X | | | | X | | | | | | X | |
| | | | | | | X | | | | | | | | | X | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | X | X | | | | | | | | | | | | | |
| Adrenal Medulla
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pheochromocytoma Benign | | | X | | | | | | X | X | | | X | | | | X | | X | | | | | |
| Pheochromocytoma Malignant | | | | | | | | X | | | | X | | | X | X | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|--------------------|
| | 0680 | 0562 | 0712 | 0733 | 0539 | 0376 | 0674 | 0764 | 0641 | 0744 | 0526 | 0744 | 0776 | 0650 | 0575 | 0774 | 0751 | 0574 | 0779 | 0585 | 0744 | 0774 | 0574 | 0774 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 004111 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 004422 | |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 112233445566778899001122 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 121212121212121212121212 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Islets, Pancreatic
Adenoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland
Leukemia Mononuclear
Pars Distalis, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Thyroid Gland
C-cell, Adenoma
Follicular Cell, Adenoma
Follicular Cell, Carcinoma | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |

GENERAL BODY SYSTEM

Tissue NOS
 Abdominal, Carcinoma, Metastatic, Adrenal
 Cortex

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coagulating Gland | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Epididymis
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Preputial Gland
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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 BLANK .. Not examined microscopically

TDMS No. 20313 - 05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide

CAS Number: 79-06-1

Date Report Requested: 01/15/2010

Time Report Requested: 14:38:46

First Dose M/F: 05/23/05 / 05/23/05

Lab: NCTR

| FISCHER 344 RATS-NCTR RATS MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
6
8
0 | 0
5
6
2 | 0
7
1
2 | 0
7
3
3 | 0
5
6
9 | 0
3
7
6 | 0
6
7
0 | 0
7
4
4 | 0
6
4
1 | 0
7
4
4 | 0
5
2
6 | 0
7
4
4 | 0
7
2
6 | 0
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3
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1
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7
1
4 | 0
5
8
5 | 0
7
4
4 | 0
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4 | | |
| ANIMAL ID | 0
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3
1 | 0
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2
3 | 0
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2 | 0
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1 | 0
0
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6
2 | 0
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8
5
1 | 0
0
8
8
2 | 0
0
8
7
1 | 0
0
8
8
2 | 0
0
8
8
1 | 0
0
8
8
2 | 0
0
8
8
1 | 0
0
9
9
2 | 0
0
9
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1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Interstitial Cell, Adenoma | X | X | | X | | | X | X | | | X | X | | X | | X | | | X | X | X | X | X | X | |
| Interstitial Cell, Adenoma | | | | | | | | X | | | | | X | | | | | X | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | X | | | | | | X | | | | | | | | X | | | | | | |
| Lymph Node | | | | + | + | | + | + | | + | | | | | | | | + | + | | + | | | |
| Axillary, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | |
| Deep Cervical, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | |
| Hepatic, Leukemia Mononuclear | | | | | | | | | X | | | | | | | | | | | | | | | |
| Iliac, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | X |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | | | | | | | X |

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0680 | 0562 | 0712 | 0733 | 0569 | 0376 | 0674 | 0764 | 0671 | 0744 | 0674 | 0744 | 0772 | 0660 | 0535 | 0744 | 0774 | 0571 | 0774 | 0585 | 0744 | 0779 | 0585 | 0744 | | |
| | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | 4411 | 4421 | 4422 | 4431 | 4432 | 4441 | 4442 | 4444 | 4445 | 4451 | 4452 | 4461 | 4462 | 4471 | 4472 | 4481 | 4482 | 4491 | 4492 | 4401 | 4402 | 4411 | 4412 | 4421 | 4422 | 4431 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreatic, Leukemia Mononuclear | | | | X | | | | | | | | | | X | | | | | X | | | | | | | |
| Renal, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | X | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basal Cell Carcinoma, Metastatic, Skin | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Leukemia Mononuclear | | | X | X | | | | | | X | | | | | | | | X | | | | | | X | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | X | | | X | | | | | X | X | | | | | | | |
| Spleen | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Leukemia Mononuclear | | | X | X | | | | | X | X | X | | X | | | | X | X | X | X | | | X | X | X | X |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | | | | | | | | | | X | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | M | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibroadenoma | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basal Cell Carcinoma | | | | | | | | | | | | | | | | X | | | | | | | | | | X |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sebaceous Gland, Adenoma | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Subcutaneous Tissue, Lipoma | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--------------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS-NCTR RATS MALE | | 6 | 5 | 7 | 7 | 5 | 3 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 |
| | | 8 | 6 | 1 | 3 | 6 | 7 | 7 | 4 | 4 | 4 | 2 | 4 | 4 | 2 | 3 | 5 | 4 | 4 | 1 | 4 | 1 | 8 | 4 | 4 |
| | 0.175 ACRYL | 0 | 2 | 2 | 3 | 9 | 6 | 0 | 4 | 1 | 4 | 6 | 4 | 4 | 6 | 0 | 5 | 4 | 4 | 5 | 4 | 9 | 5 | 4 | 4 |
| | 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 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | |

Subcutaneous Tissue, Sarcoma X X
 Subcutaneous Tissue, Schwannoma Malignant X

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | | X | | | | | | | | | | | | | | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | | X | | | | | | | | | | | X | | | |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Glioma Nos | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | X | | | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Cervical | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | | X | | | | | | | | | | | X | | | |
| Spinal Cord, Lumbar | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | | X | | | | | | | | | | | X | | | |
| Spinal Cord, Thoracic | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0680 | 0562 | 0712 | 0733 | 0569 | 0376 | 0674 | 0074 | 0061 | 0074 | 0064 | 0074 | 0074 | 0072 | 0063 | 0055 | 0074 | 0074 | 0051 | 0074 | 0071 | 0058 | 0074 | 0074 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 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 | 4 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 2 | 2 | 2 | 2 | 3 | |
| | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |

Leukemia Mononuclear

X

X

X

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | X | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | |
| Leukemia Mononuclear | | | X | X | | | | | | X | X | | | X | | | | X | X | | | | X | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | X | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | X | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Urethra | | | | | | | | | | | | | | | | | | | | | | | | + |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------------|------|
| FISCHER 344 RATS-NCTR RATS MALE
0.175 ACRYL | DAY ON TEST | 0680 | 0562 | 0712 | 0733 | 0569 | 0376 | 0674 | 0764 | 0641 | 0744 | 0526 | 0744 | 0772 | 0630 | 0554 | 0744 | 0751 | 0779 | 0585 | 0744 | 0774 | 0574 | 0774 | males
(cont...) | |
| | ANIMAL ID | 0041 | 0042 | 0041 | 0042 | 0043 | 0041 | 0042 | 0043 | 0041 | 0042 | 0043 | 0041 | 0042 | 0043 | 0041 | 0042 | 0043 | 0041 | 0042 | 0043 | 0041 | 0042 | 0043 | | 0041 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | |
| Leukemia Mononuclear | | | X | X | | | | | X | X | X | | | X | | | | X | X | X | X | | X | X |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
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 Acrylamide
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Date Report Requested: 01/15/2010
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
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| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hepatocellular Adenoma | | | | | | | | | X | | | | | | | | | | | | | X | 3 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Hepatocellular Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | X | | X | | X | X | X | | | | | | X | X | | X | X | | | 20 |
| Mesentery | + | + | + | | | + | | | | | | | | | | | | + | | | | | 7 |
| Leukemia Mononuclear | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
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| ANIMAL ID | 0
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|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | 3 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | 2 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | 3 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | X | | | | | | 9 |
| Schwannoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | 3 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Carcinoma | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | | | 3 |
| Adrenal Medulla | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | X | | | | | | 8 |
| Pheochromocytoma Benign | | | X | | | | | | X | | | | X | | | | | | | | | | | 5 |
| Pheochromocytoma Malignant | X | | | | | | | | | | | | | | | | | | X | | | | | 6 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
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| ANIMAL ID | 0
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2 | 0
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8
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2
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2 | 0
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2 |
| Islets, Pancreatic
Adenoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | X | | | | | | | | X | | | | X | | | | | | | | | 4 |
| | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Pituitary Gland
Leukemia Mononuclear
Pars Distalis, Adenoma | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | X | | | | | 2 |
| | X | X | | X | X | | X | | X | X | X | X | X | X | X | | X | X | X | | | X | 24 |
| Thyroid Gland
C-cell, Adenoma
Follicular Cell, Adenoma
Follicular Cell, Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | X | | | | | | 5 |
| | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| | | | X | X | | | | | | | | | | | | X | | | | | | | 3 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS
Abdominal, Carcinoma, Metastatic, Adrenal
Cortex | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | 1 |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Coagulating Gland | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Epididymis
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Preputial Gland
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | X | | | | | | | | | | | | | | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------------|-------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | 7 | 7 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 5 | 7 | 5 | 6 | 7 | 7 |
| | | 4 | 4 | 4 | 4 | 8 | 1 | 7 | 9 | 3 | 4 | 3 | 4 | 4 | 4 | 7 | 4 | 4 | 4 | 3 | 4 | 5 | 0 | 4 | 4 | 4 |
| | | 4 | 4 | 4 | 4 | 0 | 8 | 3 | 7 | 7 | 4 | 9 | 4 | 4 | 4 | 1 | 4 | 4 | 4 | 1 | 8 | 4 | 7 | 6 | 4 | 4 |
| FISCHER 344 RATS-NCTR RATS
MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.175 ACRYL | 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 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 2 | 2 | 2 | 2 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 3 | 4 | 4 | 4 | 5 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 | 1 | 1 |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

Adenoma, Multiple 1
 Carcinoma X 4
 Leukemia Mononuclear X 1
 Squamous Cell Carcinoma X 1
 Squamous Cell Papilloma 1

Prostate + 48
 Leukemia Mononuclear X 2

Seminal Vesicle + 47
 Leukemia Mononuclear X 2

Testes + 48
 Leukemia Mononuclear X 1
 Mesothelioma Malignant X 1
 Bilateral, Interstitial Cell, Adenoma X X X X X X X 26
 Interstitial Cell, Adenoma X X X X X 10

HEMATOPOIETIC SYSTEM

Bone Marrow + 48
 Leukemia Mononuclear X 4

Lymph Node + 22
 Axillary, Leukemia Mononuclear X 2
 Deep Cervical, Leukemia Mononuclear 1
 Hepatic, Leukemia Mononuclear 1
 Iliac, Leukemia Mononuclear 1
 Lumbar, Leukemia Mononuclear X X X 5
 Mediastinal, Leukemia Mononuclear X X X 6

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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| ANIMAL ID | 0
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2 |
| Pancreatic, Leukemia Mononuclear | | | | X | | | | | | X | | X | | | | | | | | | X | X | 8 |
| Renal, Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | X | | 4 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Basal Cell Carcinoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | X | | | X | | X | | | | | | | | | | X | X | 10 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | X | | | X | | X | | | | | | | | | | X | | 9 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | X | X | | X | | X | X | X | | | | | | | X | X | | | X | X | 23 |
| Thymus | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 46 |
| Leukemia Mononuclear | | | | | | X | | | X | | | | | | | | | | | | | | 4 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 43 |
| Fibroadenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Basal Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Keratoacanthoma | | | | | | X | | | | | | | | | | X | X | | | | | | | 4 |
| Papilloma | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Sebaceous Gland, Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | 2 |
| Subcutaneous Tissue, Fibroma | X | | | X | | | | X | X | | | | | | | | | | | | | | | 5 |
| Subcutaneous Tissue, Lipoma | X | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------------|---|---|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | | |
| | 7 | 7 | 7 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 5 | 6 | 7 | 0 | | |
| | 4 | 4 | 4 | 4 | 8 | 1 | 7 | 9 | 3 | 4 | 3 | 4 | 4 | 4 | 7 | 4 | 4 | 4 | 3 | 4 | 5 | 0 | | 1 | |
| | 4 | 4 | 4 | 4 | 0 | 8 | 3 | 7 | 7 | 4 | 9 | 4 | 4 | 4 | 1 | 4 | 4 | 1 | 8 | 4 | 7 | 6 | | 4 | |
| | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 1 | |
| | 2 | 2 | 2 | 2 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | | 2 | |
| | 3 | 4 | 4 | 4 | 5 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | | 2 | |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |

Subcutaneous Tissue, Sarcoma 2
 Subcutaneous Tissue, Schwannoma Malignant 1

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | X | | | | | | | | | | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | X | | | | | | | 3 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Glioma Nos | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
5
4
4 | 0
6
8
0 | 0
7
1
8 | 0
6
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3 | 0
6
9
7 | 0
7
3
7 | 0
7
4
4 | 0
6
3
4 | 0
7
4
4 | 0
7
4
4 | 0
5
7
1 | 0
7
4
4 | 0
7
4
4 | 0
5
4
1 | 0
7
3
8 | 0
5
4
4 | 0
5
5
7 | | 0
6
0
6 | 0
7
4
4 |
| ANIMAL ID | 0
1
2
3
2 | 0
1
2
4
1 | 0
1
2
4
2 | 0
1
2
5
1 | 0
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2 | 0
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2 | 0
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2 | 0
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2 | 0
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2 | 0
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2
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2 | 0
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1
2 |

Leukemia Mononuclear

3

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | X | | X | | X | | X | | X | | X | | X | | X | | X | X | | | 15 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | 3 |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | X | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Acrylamide
CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:46
First Dose M/F: 05/23/05 / 05/23/05
Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| FISCHER 344 RATS-NCTR RATS
MALE
0.175 ACRYL | DAY ON TEST | 0744 | 0744 | 0744 | 0544 | 0680 | 0718 | 0673 | 0667 | 0773 | 0774 | 0674 | 0774 | 0774 | 0571 | 0774 | 0774 | 0571 | 0773 | 0574 | 0575 | 0670 | 0774 | * TOTALS |
| | ANIMAL ID | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | 0122 | |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | X | X | | | X | | X | X | | | | | X | X | | | X | X | | | 23 | |
| Mesothelioma Malignant | | | | | | | X | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0744 | 0628 | 0744 | 0744 | 0637 | 0637 | 0532 | 0744 | 0639 | 0769 | 0670 | 0752 | 0774 | 0774 | 0774 | 0774 | 0444 | 0244 | 0547 | 0633 | 0564 | 0718 | 0511 | 0616 | | |
| | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 |
| | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 | 1121 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|------|------|
| | 0744 | 0628 | 0744 | 0744 | 0663 | 0663 | 0572 | 0764 | 0679 | 0769 | 0675 | 0722 | 0574 | 0774 | 0774 | 0774 | 0774 | 0447 | 0244 | 0571 | 0663 | 0564 | 0718 | 0566 | | | 0711 | 0566 | 0711 | 0668 |
| | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | X | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Squamous Cell Papilloma | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | X | |
| Schwannoma Malignant | X | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | X | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
|---|-----------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|------|------|
| | | 0744 | 0628 | 0744 | 0744 | 0637 | 0667 | 0572 | 0764 | 0679 | 0769 | 0670 | 0752 | 0774 | 0774 | 0774 | 0774 | 0447 | 0244 | 0577 | 0633 | 0564 | 0718 | 0511 | 0656 | | 0716 | 0656 |
| FISCHER 344 RATS-NCTR RATS MALE
0.0875 ACRYL | ANIMAL ID | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 | 0012 | 0011 |

Pheochromocytoma Benign
 Pheochromocytoma Malignant

X

X X

Islets, Pancreatic
 Adenoma

+
 X

Parathyroid Gland

+ +

Pituitary Gland
 Leukemia Mononuclear
 Pars Distalis, Adenoma

+
 X
 X X X X

Thyroid Gland
 C-cell, Carcinoma
 Follicular Cell, Adenoma
 Follicular Cell, Carcinoma

+
 X
 X

GENERAL BODY SYSTEM

Tissue NOS

+

GENITAL SYSTEM

Epididymis
 Leukemia Mononuclear
 Mesothelioma Malignant

+
 X
 X

Preputial Gland
 Adenoma
 Carcinoma
 Leukemia Mononuclear

+
 X
 X
 X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| | 0
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2 | 0
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4 | 0
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9 | 0
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2 | 0
5
4
4 | 0
7
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4 | 0
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4 | 0
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4 | 0
2
4
6 | 0
5
7
1 | 0
6
3
3 | 0
5
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4 | 0
7
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8 | 0
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6 | 0
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5 | 0
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6 | 0
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2 | 0
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9 | 0
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7 | 0
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8 | 0
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1 | |

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|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Interstitial Cell, Adenoma | X | | | X | X | | X | | X | X | | | | | | | | | | X | | | X | | | |
| Interstitial Cell, Adenoma | | X | X | | | | | | | | | | | X | X | X | | | X | | | | X | | | X |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Axillary, Leukemia Mononuclear | | | | | + | | | | | | | | | + | + | | | | | | | | | | | | | + | + | + |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | | | | | X | | | | |
| Mediastinal, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | | | | | X | X | X | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---------------------------------|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|
| FISCHER 344 RATS-NCTR RATS MALE | | 0744 | 0628 | 0744 | 0744 | 0637 | 0637 | 0532 | 0744 | 0639 | 0769 | 0672 | 0752 | 0774 | 0774 | 0744 | 0447 | 0244 | 0557 | 0633 | 0564 | 0718 | 0511 | 0616 | 0756 | |
| 0.0875 ACRYL | | 001111 | 001122 | 001122 | 001133 | 001132 | 001144 | 001255 | 001124 | 001551 | 001562 | 001671 | 001772 | 001881 | 001992 | 001992 | 001992 | 001992 | 001992 | 001992 | 001992 | 001992 | 001992 | 001992 | 001992 | |
| ANIMAL ID | | 1111 | 1222 | 1222 | 1333 | 1332 | 1444 | 1555 | 1124 | 1551 | 1562 | 1671 | 1772 | 1881 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 | 1992 | |

Subcutaneous Tissue, Fibroma
 Subcutaneous Tissue, Osteosarcoma

X X

X

MUSCULOSKELETAL SYSTEM

Bone

Bone, Femur

Skeletal Muscle

+
 +

NERVOUS SYSTEM

Brain, Brain Stem

Brain, Cerebellum

Leukemia Mononuclear

Osteosarcoma, Metastatic, Skin

Brain, Cerebrum

Leukemia Mononuclear

Peripheral Nerve, Sciatic

Spinal Cord, Cervical

Spinal Cord, Lumbar

Spinal Cord, Thoracic

+
 +
 X
 +
 X X
 +
 +
 +
 +

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|------|
| | 0744 | 0628 | 0744 | 0744 | 0637 | 0637 | 0532 | 0744 | 0639 | 0739 | 0630 | 0725 | 0522 | 0744 | 0744 | 0744 | 0744 | 0444 | 0244 | 0547 | 0633 | 0534 | 0718 | 0511 | | | 0611 | 0611 | 0611 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 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 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 |

Lung +
 Histiocytic Sarcoma
 Leukemia Mononuclear X X X X X X X X
 Neural Crest Tumor, Malignant, Metastatic, Skin X

Nose +

Trachea +

SPECIAL SENSES SYSTEM

Ear +

Eye +

Harderian Gland +
 Leukemia Mononuclear

Zymbal's Gland +
 Adenoma X
 Carcinoma

URINARY SYSTEM

Kidney +
 Leukemia Mononuclear X

Urinary Bladder +
 Leukemia Mononuclear X

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

TDMS No. 20313 - 05
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 Acrylamide
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 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | 0744 | 0628 | 0744 | 0744 | 0637 | 0667 | 0532 | 0744 | 0639 | 0769 | 0670 | 0752 | 0774 | 0774 | 0774 | 0774 | 0447 | 0246 | 0553 | 0663 | 0564 | 0718 | 0551 | 0668 | males
(cont...) |
| | ANIMAL ID | 0011 | 0012 | 0011 | 0022 | 0031 | 0032 | 0044 | 0052 | 0061 | 0062 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0000 | 0006 | 0006 | 0016 | 0017 | 0018 | |

Mesothelioma Malignant

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | X | | | | | | | X | X | X | | X | | | | | | X | X | X | | X | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | X | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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 Test Type: CHRONIC
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 Species/Strain: RATS/F 344/NCTR

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 Acrylamide
 CAS Number: 79-06-1

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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|--|
| | 0
5
4
2 | 0
7
4
4 | 0
3
3
1 | 0
7
3
9 | 0
6
0
6 | 0
3
6
4 | 0
6
9
2 | 0
7
4
6 | 0
7
2
1 | 0
7
1
1 | 0
7
4
4 | 0
7
4
4 | 0
7
0
9 | 0
7
4
4 | 0
7
0
2 | 0
6
4
1 | 0
5
5
4 | 0
6
5
9 | 0
4
5
8 | 0
7
0
9 | | | 0
6
9
5 | |
| | 0
1
0
8
2 | 0
1
0
9
1 | 0
1
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9
2 | 0
1
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1 | 0
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1
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2 | 0
1
6
6
1 | 0
1
6
6
2 | 0
1
6
6
7 | 0
1
6
7
2 | 0
1
6
7
1 | 0
1
6
8
2 | 0
1
6
9
2 | 0
1
7
0
1 | 0
1
7
0
2 | 0
2
0
6
1 | 0
2
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6
2 | 0
2
0
7
1 | 0
2
0
8
2 | 0
2
0
8
1 | 0
2
0
8
2 | 0
2
0
9
1 | 0
2
0
9
2 | | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | | X | | | | | | | | | | | | | | 4 |
| Mesothelioma Malignant | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Intestine Large, Colon | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mesothelioma Malignant | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | 3 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | X | X | | X | | | X | X | | | | | X | X | X | | | X | X | | 20 |
| Mesentery | | | | + | | + | | | + | | | | | | | | | | | | | | | 4 |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Mesothelioma Malignant | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|
| | 0542 | 0744 | 0331 | 0739 | 0630 | 0366 | 0642 | 0721 | 0771 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0555 | 0664 | | 0777 | 0669 |
| ANIMAL ID | 01082 | 01192 | 01112 | 01112 | 01112 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | |
| Leukemia Mononuclear | | | | X | | | | | | | X | | | X | | | | X | | | | | 6 |
| Mesothelioma Malignant | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Tongue | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | 2 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | X | | | | | | X | | | | | | | | | | X | | 9 |
| Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 2 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | 3 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | X | | | | | | | | | | | | | X | | | | X | 6 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 0542 | 0744 | 0331 | 0733 | 0630 | 0366 | 0642 | 0721 | 0711 | 0744 | 0744 | 0744 | 0779 | 0744 | 0744 | 0702 | 0644 | 0541 | 0654 | 0455 | | 0708 |
| ANIMAL ID | 01082 | 01091 | 01112 | 01111 | 01111 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01177 | 01177 | 01200 | 01200 | 01200 | 01200 | 01200 | 01200 | 01200 | 01200 |
| Pheochromocytoma Benign | X | | | | | | | | X | | | | X | | | | | | | | | |
| Pheochromocytoma Malignant | | | | X | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear Pars Distalis, Adenoma | | X | | | | | | X | | X | X | X | | X | X | X | | X | X | X | X | X |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | X | |
| Follicular Cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | X |
| Follicular Cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | 1 |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | 2 |
| Mesothelioma Malignant | | | | | | | | X | | | | | | | | | | | | | | 2 |
| Preputial Gland | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | X | | | | | | | | | | | | X | | | | | | | | 3 |
| Carcinoma | X | | | | | | | | | | | | | | | | | | | | | 3 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------|------------------|
| | 0
5
4
2 | 0
7
4
4 | 0
3
3
1 | 0
7
3
9 | 0
6
0
6 | 0
3
6
4 | 0
6
9
2 | 0
7
2
6 | 0
7
1
5 | 0
7
1
0 | 0
7
4
4 | 0
7
4
4 | 0
7
0
9 | 0
7
4
4 | 0
7
4
2 | 0
6
4
4 | 0
5
5
1 | 0
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4 | 0
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0
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| | 0
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2 | 0
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2 | 0
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1 | 0
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7
1 | 0
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8
2 | 0
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8
2 | 0
2
0
9
1 | 0
2
0
9
2 | | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Squamous Cell Carcinoma | X | | | | | | | | | | | | | | | | | | | | | 1 | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Bilateral, Interstitial Cell, Adenoma | | | | X | X | | X | | X | X | X | X | X | X | X | X | | X | X | | | | 19 |
| Interstitial Cell, Adenoma | X | X | | | | | | | | | | | | | | | | | | X | | X | 13 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Leukemia Mononuclear | | | | | X | | | | | | | X | | | | | | | | | | | 4 |
| Lymph Node | | | | + | + | + | | | | + | + | + | | | | | + | + | + | + | | + | 17 |
| Axillary, Leukemia Mononuclear | | | | | X | | | | | | X | | | | | | | | | | | | 3 |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Lumbar, Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | | | | | X | | | | | | X | | | | | | | | | | | | 4 |
| Mediastinal, Histiocytic Sarcoma | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Mediastinal, Leukemia Mononuclear | | | | | | X | | | | X | X | | | | | | X | X | | | | X | 10 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------|
| | 0542 | 0744 | 0331 | 0739 | 0630 | 0366 | 0642 | 0722 | 0711 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0664 | 0554 | 0664 | | 0455 | 0708 | 0695 |
| ANIMAL ID | 01082 | 01191 | 01111 | 01111 | 01111 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | 01166 | |
| Pancreatic, Leukemia Mononuclear | | | | X | X | | | | | | | X | | | | | | | | | | X | 6 | |
| Popliteal, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Renal, Histiocytic Sarcoma | | | | | | | | | | | | | X | | | | | | | | | | 1 | |
| Renal, Leukemia Mononuclear | | | | X | | | | | | | X | | | | | | | | | | | | 3 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Histiocytic Sarcoma | | | | | | | | | | | | X | | | | | | | | | | | 1 | |
| Leukemia Mononuclear | | | | X | X | | | | | | X | | | X | | | | | | | X | X | 10 | |
| Lymph Node, Mesenteric | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Leukemia Mononuclear | | | | | X | | | | | | X | | | | | | | X | | | | | 6 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | | X | X | | X | | | X | X | | | X | | | X | X | X | | | X | X | 22 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Leukemia Mononuclear | | | | X | | | | | | | X | | | | | | | X | | | | | 5 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Fibroadenoma | | X | | | | | | | | | X | | | | | | | | | | | X | 5 | |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Keratoacanthoma | | | | | | | | | | | | | | | | X | | | | | | | 1 | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | X | | | | | | 1 | |
| Ear, Neural Crest Tumor, Malignant | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Sebaceous Gland, Adenoma | | | | | | | | | | | X | | | | | | | | | | | | 2 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
5
4
2 | 0
7
4
4 | 0
3
3
1 | 0
7
3
9 | 0
6
0
6 | 0
3
6
0 | 0
6
4
9 | 0
7
2
6 | 0
7
1
5 | 0
7
1
0 | 0
7
4
4 | 0
7
4
4 | 0
7
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9 | 0
7
4
4 | 0
7
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2 | 0
6
4
4 | 0
5
5
1 | 0
6
5
4 | 0
4
5
9 | 0
7
0
8 | | 0
6
9
5 |
| ANIMAL ID | 0
1
0
8
2 | 0
1
0
9
1 | 0
1
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9
2 | 0
1
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1 | 0
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1 | 0
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2 | 0
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2 | 0
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2
7
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7
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7 | 0
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2
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7 | 0
2
2
8
1 | 0
2
2
8
2 | 0
2
2
9
1 | 0
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9
2 | 0
2
2
9
2 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Subcutaneous Tissue, Fibroma | X | | | | | | | | | X | | | | | | | | | | | | | 5 |
| Subcutaneous Tissue, Osteosarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | | | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Osteosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|
| | 0542 | 0744 | 0331 | 0739 | 0630 | 0366 | 0642 | 0726 | 0771 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0666 | 0555 | 0664 | | 0777 | 0666 |
| ANIMAL ID | 01082 | 01099 | 01112 | 01111 | 01111 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | 01116 | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | X | X | | X | | X | X | | | | | | | X | | X | | X | X | 17 |
| Neural Crest Tumor, Malignant, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Ear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eye | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Zymbal's Gland | | | | + | | | | | | | | | | | | | | | | | | | 2 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | | | | | X | | | | | | | | | | 3 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | | | | X | | | | | | | | | | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
0.0875 ACRYL | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|---|---|
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5 | 0
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9 | 0
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4 | 0
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2 | 0
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4 | 0
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2 | 0
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2 | 0
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2 | 0
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8
1 | 0
2
0
8
2 | 0
2
0
8
1 | 0
2
0
9
2 | 0
2
0
9
2 | 1 | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Leukemia Mononuclear | | | | X | X | | X | | | X | X | | | X | | X | X | X | | | X | X | | | | | 22 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mesothelioma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0393 | 0696 | 0774 | 0772 | 0774 | 0774 | 0774 | 0652 | 0723 | 0774 | 0774 | 0544 | 0744 | 0624 | 0744 | 0570 | 0774 | 0473 | 0744 | 0698 | 0744 | 0540 | 0564 | 0563 | | | |
| | 0061 | 0022 | 0071 | 0081 | 0082 | 0091 | 0022 | 0011 | 0022 | 0001 | 0002 | 0002 | 0003 | 0003 | 0004 | 0001 | 0002 | 0001 | 0002 | 0008 | 0072 | 0011 | 0012 | 0011 | 0021 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Mesothelioma Malignant | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + |
| Intestine Large, Colon
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | X | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Mesothelioma Malignant | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | X | + |
| Intestine Small, Ileum
Mesothelioma Malignant | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | X | + |
| Intestine Small, Jejunum
Mesothelioma Malignant | A | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | X | + |
| Liver
Hepatocellular Adenoma
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + |
| Mesentery
Leukemia Mononuclear
Mesothelioma Malignant | | X | X | | X | | X | X | X | X | | X | | X | X | | X | X | X | | | | X | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0393 | 0696 | 0774 | 0772 | 0774 | 0774 | 0774 | 0652 | 0773 | 0774 | 0774 | 0574 | 0774 | 0674 | 0774 | 0577 | 0771 | 0774 | 0404 | 0744 | 0694 | 0744 | 0554 | 0556 | | |
| | 0026 | 0022 | 0071 | 0072 | 0081 | 0082 | 0091 | 0092 | 0011 | 0012 | 0021 | 0022 | 0031 | 0032 | 0041 | 0042 | 0051 | 0052 | 0061 | 0062 | 0071 | 0072 | 0081 | 0082 | 0091 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreas
Leukemia Mononuclear | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| Salivary Glands
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Tongue
Squamous Cell Papilloma | | | | | | | | | | | | + | | | | | | | | | | | | + | X |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Heart
Leukemia Mononuclear
Schwannoma Malignant | + | + | + | + | + | + | + | X | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | | X |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|
| Adrenal Cortex
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | | X | | |
| Adrenal Medulla
Leukemia Mononuclear
Pheochromocytoma Benign | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | | X | X | X |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0393 | 0696 | 0774 | 0772 | 0774 | 0774 | 0774 | 0652 | 0773 | 0774 | 0774 | 0544 | 0774 | 0664 | 0774 | 0570 | 0774 | 0473 | 0774 | 0668 | 0774 | 0554 | 0556 | 0663 | | | |
| | 0061 | 0022 | 0071 | 0022 | 0081 | 0022 | 0092 | 0011 | 0022 | 0012 | 0022 | 0033 | 0044 | 0055 | 0066 | 0077 | 0088 | 0099 | 0111 | 0111 | 0111 | 0111 | 0111 | 0111 | 0111 | | |

Bilateral, Pheochromocytoma Benign

X X

Islets, Pancreatic
 Adenoma
 Leukemia Mononuclear

A + + + + + + + + + + A + + + + + + + + + + + + + +
 X

Parathyroid Gland

+ + M +

Pituitary Gland
 Pars Distalis, Adenoma

+
 X

Thyroid Gland
 C-cell, Adenoma
 Follicular Cell, Carcinoma

A +

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis
 Mesothelioma Malignant

+ + + + + + + + + + X + + + + + + + + + + + + + + +
 X X

Penis

Preputial Gland
 Carcinoma
 Leukemia Mononuclear
 Squamous Cell Carcinoma

+ + + X + + + + + + + + + + + + + + + X X + + + + +
 X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|-----------------|
| | 0393 | 0696 | 0774 | 0772 | 0774 | 0774 | 0774 | 0652 | 0773 | 0774 | 0774 | 0574 | 0774 | 0674 | 0774 | 0577 | 0771 | 0774 | 0404 | 0774 | 0698 | 0774 | 0574 | 0574 | 0663 | | |
| | 0026 | 0002 | 0007 | 0007 | 0008 | 0008 | 0009 | 0009 | 0011 | 0012 | 0012 | 0012 | 0013 | 0013 | 0014 | 0014 | 0016 | 0016 | 0017 | 0017 | 0018 | 0018 | 0019 | 0019 | 0021 | | |

Squamous Cell Papilloma

Prostate + M + +

Leukemia Mononuclear

Seminal Vesicle +

Mesothelioma Malignant

Testes +

Mesothelioma Malignant

Bilateral, Interstitial Cell, Adenoma

Interstitial Cell, Adenoma

HEMATOPOIETIC SYSTEM

Bone Marrow + + + + + + + + + + + + + + + A + + + + + + + +

Leukemia Mononuclear

Lymph Node +

Axillary, Leukemia Mononuclear

Deep Cervical, Leukemia Mononuclear

Inguinal, Leukemia Mononuclear

Lumbar, Leukemia Mononuclear

Mediastinal, Leukemia Mononuclear

Pancreatic, Leukemia Mononuclear

Popliteal, Leukemia Mononuclear

Renal, Leukemia Mononuclear

Lymph Node, Mandibular +

Leukemia Mononuclear

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0393 | 0696 | 0774 | 0772 | 0774 | 0774 | 0774 | 0652 | 0723 | 0774 | 0774 | 0574 | 0774 | 0674 | 0774 | 0574 | 0771 | 0774 | 0404 | 0774 | 0694 | 0774 | 0554 | 0556 | 0663 | | |
| Lymph Node, Mesenteric
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Spleen
Leukemia Mononuclear
Mesothelioma Malignant
Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Thymus
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland
Fibroadenoma
Leukemia Mononuclear | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | |
| Skin
Keratoacanthoma
Ear, Neural Crest Tumor, Benign
Sebaceous Gland, Adenoma
Subcutaneous Tissue, Fibroma
Subcutaneous Tissue, Lipoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS-NCTR RATS MALE | | 3 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 5 | 7 | 7 | 4 | 7 | 6 | 7 | 5 | 5 | 6 | 6 | |
| CONTROL WATER | | 9 | 9 | 4 | 2 | 4 | 4 | 5 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 7 | 1 | 4 | 0 | 4 | 9 | 4 | 4 | 6 | 6 | | |
| ANIMAL ID | | 3 | 6 | 4 | 4 | 4 | 4 | 2 | 3 | 4 | 4 | 6 | 4 | 4 | 4 | 0 | 7 | 4 | 3 | 4 | 8 | 4 | 0 | 4 | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | | |

males
(cont...)

Skeletal Muscle
 Mesothelioma Malignant

| |
|---|
| + |
| X |

NERVOUS SYSTEM

Brain, Brain Stem
 Astrocytoma Nos
 Leukemia Mononuclear

| |
|---|
| + |
| X |
| X |

Brain, Cerebellum
 Leukemia Mononuclear

| |
|---|
| + |
| X |
| X |

Brain, Cerebrum
 Leukemia Mononuclear

| |
|---|
| + |
| X |

Peripheral Nerve, Sciatic

| |
|---|
| + |
|---|

Spinal Cord, Cervical
 Leukemia Mononuclear

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

Spinal Cord, Lumbar
 Leukemia Mononuclear

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

Spinal Cord, Thoracic
 Leukemia Mononuclear

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

RESPIRATORY SYSTEM

Lung
 Alveolar/Bronchiolar Adenoma

| |
|---|
| + |
|---|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0393 | 0696 | 0774 | 0772 | 0774 | 0774 | 0774 | 0652 | 0773 | 0774 | 0774 | 0574 | 0774 | 0674 | 0774 | 0577 | 0771 | 0774 | 0404 | 0744 | 0698 | 0744 | 0544 | 0564 | 0663 | | |
| | 0026 | 0022 | 0027 | 0027 | 0028 | 0028 | 0029 | 0011 | 0011 | 0022 | 0033 | 0034 | 0036 | 0036 | 0066 | 0066 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0019 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Carcinoma, Metastatic, Preputial Gland | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | X | X | | X | | | X | X | | | | | | X | X | | | X | X | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lacrimal Gland | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | + | X | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Transitional Epithelium, Carcinoma | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Urinary Bladder | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | X | | |

SYSTEMIC LESIONS

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|------------------------------------|---------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|
| FISCHER 344 RATS-NCTR RATS
MALE | ANIMAL ID | 033 | 066 | 077 | 077 | 077 | 077 | 077 | 066 | 077 | 077 | 077 | 055 | 077 | 066 | 077 | 055 | 077 | 077 | 044 | 077 | 066 | 077 | 055 | 055 | | 066 |
| | CONTROL WATER | 093 | 066 | 044 | 022 | 044 | 044 | 044 | 052 | 023 | 044 | 044 | 044 | 026 | 044 | 044 | 070 | 077 | 044 | 003 | 044 | 088 | 044 | 000 | 044 | 066 | |
| | | 002 | 002 | 002 | 002 | 002 | 002 | 002 | 006 | 006 | 006 | 006 | 006 | 006 | 006 | 006 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 001 | 009 | |
| | | 061 | 062 | 071 | 072 | 081 | 082 | 091 | 092 | 111 | 112 | 121 | 122 | 131 | 132 | 141 | 142 | 161 | 162 | 171 | 172 | 181 | 182 | 191 | 192 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | X | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS |
|---|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| | 0
7
4
4 | 0
5
9
4 | 0
4
9
2 | 0
6
4
9 | 0
6
7
1 | 0
7
1
4 | 0
7
0
4 | 0
5
4
4 | 0
7
4
4 | 0
7
4
4 | 0
5
2
3 | 0
6
9
8 | 0
6
9
0 | 0
7
4
4 | 0
7
4
4 | 0
5
5
9 | 0
5
4
8 | 0
6
7
4 | 0
7
4
5 | 0
6
2
0 | | |
| | 0
1
9
1
2 | 0
1
9
2
1 | 0
1
9
2
1 | 0
1
9
3
2 | 0
1
9
3
4
1 | 0
1
9
4
2 | 0
2
6
6
1 | 0
2
2
6
2 | 0
2
2
7
1 | 0
2
2
7
2 | 0
2
2
8
1 | 0
2
2
8
2 | 0
2
2
9
1 | 0
2
3
9
2 | 0
2
3
5
1 | 0
2
3
6
1 | 0
2
3
6
2 | 0
2
3
7
1 | 0
2
3
7
2 | 0
2
3
8
1 | 0
2
3
8
2 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | 45
1 | |
| Intestine Large, Colon
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | X | + | + | + | A | A | + | + | + | + | + | + | 45
1
1 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 | |
| Intestine Small, Duodenum
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45
1 | |
| Intestine Small, Ileum
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | 44
1 | |
| Intestine Small, Jejunum
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | 43
1 | |
| Liver
Hepatocellular Adenoma
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | 48
2
23
1 | |
| Mesentery
Leukemia Mononuclear
Mesothelioma Malignant | | | | | | | + | X | | | | | | | | | | | | | | | 2
1
1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
4
4 | 0
5
9
4 | 0
4
9
2 | 0
6
4
9 | 0
6
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1 | 0
7
1
4 | 0
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4 | 0
5
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4 | 0
7
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4 | 0
7
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4 | 0
5
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3 | 0
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8 | 0
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7
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4 | 0
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9 | 0
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8 | 0
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7
4 | 0
7
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5 | 0
6
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2 | | 0
5
2
6 |
| ANIMAL ID | 0
1
9
1
2 | 0
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9
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2 | 0
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9
2
1 | 0
1
9
3
1 | 0
1
9
3
2 | 0
1
9
4
1 | 0
1
9
4
2 | 0
2
2
6
1 | 0
2
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2
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2 | 0
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8
1 | 0
2
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8
2 | 0
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9
1 | 0
2
3
5
1 | 0
2
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5
2 | 0
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6
1 | 0
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3
6
2 | 0
2
3
7
1 | 0
2
3
7
2 | 0
2
3
8
1 | 0
2
3
8
2 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | X | | | | | 2 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Tongue | | | | | | | | | | | | | | | | | | | | | | 3 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | X | | | | | | | | X | | | | | | | | X | | 7 |
| Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pheochromocytoma Benign | | | | | | | | | | | | X | | X | | X | | | | | | 6 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|-----------------|--|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | | |
| | 7 | 5 | 4 | 6 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | 6 | 6 | 6 | 7 | 7 | 5 | 5 | 6 | 7 | 7 | 6 | 5 | | |
| | 4 | 9 | 9 | 4 | 7 | 1 | 0 | 4 | 4 | 4 | 2 | 9 | 9 | 9 | 4 | 4 | 5 | 4 | 7 | 4 | 0 | 2 | 6 | | |
| | 4 | 4 | 2 | 9 | 7 | 1 | 4 | 4 | 4 | 4 | 3 | 0 | 8 | 0 | 4 | 4 | 9 | 8 | 4 | 4 | 5 | 0 | 2 | | |
| | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | | |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|
| Bilateral, Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 46 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Parathyroid Gland | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 46 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Pars Distalis, Adenoma | | | | | | | | | | | | | | | | | | | | | | | 21 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47 |
| C-cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Follicular Cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|-----------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Penis | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 4 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
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| ANIMAL ID | 0
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2 | 0
2
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2 | 0
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7
1 | 0
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7
2 | 0
2
2
7
1 | 0
2
2
8
2 | 0
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1 | 0
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9
2 | 0
2
2
9
1 | 0
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5
2 | 0
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2
6
1 | 0
2
2
7
2 | 0
2
2
7
2 | 0
2
2
8
1 | 0
2
2
8
2 | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | X | | | | | X | | | | | | | | | | 2 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Interstitial Cell, Adenoma | X | X | | X | | X | X | | X | X | | X | X | X | | | | X | X | | | 23 |
| Interstitial Cell, Adenoma | | | X | | | | X | | | | | | | X | X | X | X | | | X | | 13 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | X | | | | | X | | | | | | | | | | 5 |
| Lymph Node | | | | + | | + | + | | | | + | + | + | | | + | + | | + | + | | 19 |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Inguinal, Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | X | | X | | | | | | | X | | 6 |
| Mediastinal, Leukemia Mononuclear | | | | | | X | | | | | X | | | | X | | | | | X | | 6 |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | X | X | | | | | X | | | X | | 7 |
| Popliteal, Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Renal, Leukemia Mononuclear | | | | | | | | | | | X | X | | | | | | | | X | | 6 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | X | | | | | X | | | | | X | | | | X | | 12 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|
| | 0
7
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4 | 0
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2 | 0
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9 | 0
6
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1 | 0
7
1
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4 | 0
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4 | 0
7
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4 | 0
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3 | 0
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8 | 0
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9
0 | 0
7
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4 | 0
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4
4 | 0
5
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9 | 0
5
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8 | 0
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7
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7
4
5 | 0
6
0
2 | | 0
5
6
2 | |
| ANIMAL ID | 0
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2 | 0
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2 | 0
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1 | 0
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2 | 0
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7
1 | 0
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2 | 0
2
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1 | 0
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2 | 0
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9
1 | 0
2
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9
2 | 0
2
3
5
2 | 0
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5
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6
2 | 0
2
3
6
1 | 0
2
3
7
2 | 0
2
3
8
1 | 0
2
3
8
2 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | X | | X | | X | | | | | X | | | | | X | | | | | X | | 8 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | X | | X | X | | X | X | | X | X | X | | X | | X | | | X | | 31 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Sarcoma | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 45 |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | X | | | | | | | 3 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | 44 |
| Fibroadenoma | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Keratoacanthoma | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Ear, Neural Crest Tumor, Benign | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Sebaceous Gland, Adenoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | X | X | | 3 |
| Subcutaneous Tissue, Lipoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
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8 | 0
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9 | 0
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8 | 0
6
7
4 | 0
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5 | | 0
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2 |
| ANIMAL ID | 0
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9
5
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2
9
5
1 | 0
2
9
5
1 |
| Skeletal Muscle
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem
Astrocytoma Nos
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1
2 |
| Brain, Cerebellum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2 |
| Brain, Cerebrum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Cervical
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 |
| Spinal Cord, Lumbar
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2 |
| Spinal Cord, Thoracic
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Alveolar/Bronchiolar Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
MALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| | 0
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4 | 0
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4 | 0
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2 | 0
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9 | 0
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4 | 0
7
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4 | 0
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2
3 | 0
6
9
0 | 0
6
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8 | 0
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0 | 0
7
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4 | 0
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4 | 0
5
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9 | 0
5
4
8 | 0
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4 | 0
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4
5 | | 0
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0 | 0
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6
2 |
| ANIMAL ID | 0
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9
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6
1 | 0
2
3
7
1 | 0
2
3
7
2 | 0
2
3
8
1 | 0
2
3
8
2 | |
| Carcinoma, Metastatic, Preputial Gland | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | X | | X | | | X | | | | | X | X | | | X | | | | X | | | 16 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | 44 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lacrimal Gland | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | X | | | | X | | 3 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Transitional Epithelium, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | 1 |

SYSTEMIC LESIONS

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide
CAS Number: 79-06-1

Date Report Requested: 01/15/2010
Time Report Requested: 14:38:46
First Dose M/F: 05/23/05 / 05/23/05
Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----------|-----------|
| FISCHER 344 RATS-NCTR RATS MALE | CONTROL WATER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 7 | 5 | 4 | 6 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | 6 | 6 | 6 | 7 | 7 | 5 | 5 | 6 | 7 | 7 | 6 | 5 |
| | | 4 | 9 | 9 | 4 | 7 | 1 | 0 | 4 | 4 | 4 | 2 | 9 | 9 | 9 | 4 | 4 | 5 | 4 | 7 | 4 | 0 | 2 | 6 |
| | | 4 | 4 | 2 | 9 | 7 | 1 | 4 | 4 | 4 | 4 | 3 | 0 | 8 | 0 | 4 | 4 | 9 | 8 | 4 | 4 | 5 | 0 | 2 |
| | | 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 | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 1 | 2 | 2 | 3 | 3 | 4 | 4 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | |
| 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | X | | X | | X | X | | X | X | | X | X | X | X | | X | | | | X | 31 | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | 2 | |

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS-NCTR RATS
FEMALE | | 7 | 2 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 3 | 6 | 7 | 7 | 7 | 7 | 5 | 6 | 5 | 7 | 6 | 6 | 4 | 7 | 6 | 6 | 4 | 7 | 6 | 6 | 4 | 7 | 6 | 6 | 4 | 7 | | |
| | | 2 | 9 | 3 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 3 | 5 | 9 | 2 | 4 | 3 | 4 | 7 | 7 | 5 | 3 | 2 | 0 | 8 | 2 | 0 | 8 | 2 | 0 | 8 | 2 | 0 | 8 | 2 | 0 | 8 | 2 | | |
| | | 4 | 2 | 1 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 9 | 3 | 9 | 3 | 0 | 4 | 0 | 3 | 4 | 7 | 5 | 6 | 1 | 6 | 6 | 1 | 6 | 6 | 1 | 6 | 6 | 1 | 6 | 6 | 1 | 6 | | |
| | 0.70 ACRYL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hepatocellular Adenoma | | | | | | | | | X | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Leukemia Mononuclear | | | | X | | | X | | | | | X | | | | | | | | X | X | X | X | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + | + |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tongue | | | + | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schwannoma Malignant | | | | | | | | X | | | | | | X | | | X | | | | X | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pheochromocytoma Complex | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|------------------|------------------|------------------|
| | 0
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3
7 | 0
6
2
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6
0
6 | 0
4
8
1 | 0
7
2
6 |
| Bilateral, Pheochromocytoma Malignant | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + |
| Pituitary Gland
Pars Distalis, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | X | | | X | X | X | X | X | X | X | | | | | X | X | | | | | X | X | X | | | | X | |
| Thyroid Gland
C-cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Follicular Cell, Adenoma | | | | | X | | X | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Carcinoma | | | | | | | | | | | | | X | | | | | | X | | | | | | | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS
Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma | | | | | X | | | | | | X | | | | | | | | X | | X | | | | | | | X |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary
Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females
(cont...) |
|-----------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| FISCHER 344 RATS-NCTR RATS FEMALE | | 7 | 2 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | 4 | 3 | 6 | 7 | 7 | 7 | 7 | 5 | 6 | 5 | 7 | 6 | 6 | 4 | 7 | |
| 0.70 ACRYL | | 2 | 9 | 3 | 4 | 1 | 4 | 4 | 4 | 4 | 3 | 5 | 9 | 2 | 4 | 3 | 4 | 7 | 7 | 5 | 3 | 2 | 0 | 8 | 2 | |
| ANIMAL ID | | 4 | 2 | 1 | 4 | 2 | 4 | 4 | 4 | 4 | 6 | 9 | 3 | 9 | 3 | 0 | 4 | 0 | 3 | 4 | 7 | 5 | 6 | 1 | 6 | |
| | | 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 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | |
| | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 8 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|--|--|--|---|---|--|--|---|---|--|---|---|---|--|--|---|--|--|---|--|--|--|--|--|
| Polyp Stromal | | | | | X | X | | | X | X | | | | | | | X | | | X | | | | | |
| Sarcoma Stromal | | | | | | | | | | | | X | X | | | | X | | | X | | | | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma Stromal, Metastatic, Uterus | | | | | | | | | | | | | | X | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Sarcoma, Metastatic, Tissue Nos | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | | X | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | X | X | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
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4 | 0
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9
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3
1 | 0
7
4
4 | 0
6
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2 | 0
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4 | 0
7
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4 | 0
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4 | 0
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6 | 0
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9
3 | 0
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5
4 | | | 0
7
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7 | 0
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2
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6 | 0
4
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1 | 0
7
2
6 | |
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1 | 0
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2
1
2 | 0
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2
1 | 0
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2
2
2 | 0
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3
1 | 0
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4 | 0
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3
7
2 | 0
1
3
7
2 | 0
1
3
7
8 | 0
1
3
7
1 |

Thymus
Leukemia Mononuclear

+ M + + +

INTEGUMENTARY SYSTEM

Mammary Gland
Adenocarcinoma
Fibroadenoma

+
 X

Skin
Basal Cell Carcinoma
Leukemia Mononuclear
Subcutaneous Tissue, Fibroma
Subcutaneous Tissue, Fibrosarcoma
Subcutaneous Tissue, Sarcoma
Subcutaneous Tissue, Sarcoma, Metastatic,
Tissue Nos
Tail, Squamous Cell Papilloma

+
 X
 X
 X
 X

MUSCULOSKELETAL SYSTEM

Bone
Cranium, Osteoma

Bone, Femur

Skeletal Muscle
Sarcoma, Metastatic, Tissue Nos

+
 +

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|
| | 0
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7
4
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7
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4 | 0
7
3
7 | 0
6
2
5 | 0
6
0
6 | 0
4
8
1 | | | 0
7
2
6 |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Brain, Cerebrum
Meninges, Granular Cell Tumor Nos | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Histiocytic Sarcoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | females
(cont...) | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|---|
| | | 7 | 2 | 4 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 3 | 6 | 7 | 7 | 7 | 7 | 5 | 6 | 5 | 7 | 6 | 6 | 4 | | | 7 |
| | | 2 | 9 | 3 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 3 | 5 | 9 | 2 | 4 | 3 | 4 | 7 | 7 | 5 | 3 | 2 | 0 | 8 | 2 | | |
| | | 4 | 2 | 1 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 9 | 3 | 9 | 3 | 0 | 4 | 0 | 3 | 4 | 7 | 5 | 6 | 1 | 6 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | | |
| | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | | |

Histiocytic Sarcoma X

Lacrimal Gland

Zymbal's Gland +
Squamous Cell Carcinoma X

URINARY SYSTEM

Kidney +
Leukemia Mononuclear X
Transitional Epithelium, Carcinoma X

Urinary Bladder +
Leukemia Mononuclear
Transitional Epithelium, Carcinoma

SYSTEMIC LESIONS

Multiple Organ +
Histiocytic Sarcoma X
Leukemia Mononuclear X X X X X X X X
Lymphoma Malignant X X X X

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST
FISCHER 344 RATS-NCTR RATS FEMALE
0.70 ACRYL | ANIMAL ID | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
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2 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 46 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hepatocellular Adenoma | | | | | | | | X | | | | | | | | | | | | | | | | 3 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | X | | X | | | X | | X | X | X | | X | | | | | | | | 14 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Mesentery | | | | | | + | | | | | | | | | | | | + | | | + | | | 5 |
| Leukemia Mononuclear | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Oral Mucosa | | | | | | | | | | | | | + | + | | | | + | | + | | | | 7 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | X | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | X | X | | | | X | | | | | | | 4 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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TDMS No. 20313 - 05
 Test Type: CHRONIC
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|
| | 0
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8
3 | 0
7
6
8 | 0
4
8
1 | 0
5
5
1 | 0
5
7
1 | | 0
4
2
5 | |
| ANIMAL ID | 0
1
3
8
2 | 0
1
3
9
1 | 0
1
3
9
2 | 0
1
4
0
1 | 0
1
4
0
2 | 0
1
6
1
1 | 0
1
6
1
2 | 0
1
6
1
2 | 0
1
6
2
2 | 0
1
6
3
2 | 0
1
6
3
2 | 0
1
6
4
1 | 0
1
6
5
2 | 0
1
6
5
1 | 0
2
1
0
2 | 0
2
1
0
2 | 0
2
1
1
2 | 0
2
1
1
2 | 0
2
1
2
2 | 0
2
1
2
2 | 0
2
1
3
1 | 0
2
1
3
2 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Tongue | | | | | | | | | | | | | | | + | | | | | | + | | 3 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | | 2 |
| Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 4 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | X | | | | | | | | | | X | | | | | | | | 4 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | X | | X | | | | | | X | | | X | | | | | | | 6 |
| Pheochromocytoma Complex | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
4
4 | 0
4
2
3 | 0
3
8
6 | 0
7
1
9 | 0
5
5
4 | 0
7
4
4 | 0
7
4
4 | 0
7
1
6 | 0
5
5
7 | 0
6
4
6 | 0
5
6
9 | 0
7
4
8 | 0
6
8
5 | 0
4
7
4 | 0
6
8
6 | 0
7
3
3 | 0
6
8
1 | 0
4
5
1 | 0
5
7
1 | 0
4
2
5 | |
| ANIMAL ID | 0
1
3
8
2 | 0
1
3
9
1 | 0
1
3
9
2 | 0
1
4
0
1 | 0
1
4
0
2 | 0
1
6
1
1 | 0
1
6
1
2 | 0
1
6
2
2 | 0
1
6
3
2 | 0
1
6
3
1 | 0
1
6
4
2 | 0
1
6
4
1 | 0
1
6
5
2 | 0
2
1
5
1 | 0
2
1
5
2 | 0
2
1
1
1 | 0
2
1
2
1 | 0
2
1
2
1 | 0
2
1
2
2 | 0
2
1
3
1 | 0
2
1
3
2 |
| Bilateral, Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 46 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Pars Distalis, Adenoma | X | | | X | X | X | X | | X | | | X | X | | X | X | X | | X | X | 28 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| C-cell, Adenoma | | | | | | | | | | | | | X | | | | X | | | | 4 |
| Follicular Cell, Adenoma | | | | | | | X | | | | | | | | | | | | | | 2 |
| Follicular Cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | 2 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | 1 |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | 1 |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 47 |
| Adenoma | X | | | | | | | | | | | | | | | | | | | X | 3 |
| Carcinoma | | X | | | | | X | | | | | X | | | | | | | | | 8 |
| Squamous Cell Papilloma | | | | X | | X | | | | | | | | | | | | | | X | 3 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | 1 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
4
4 | 0
4
2
3 | 0
3
8
6 | 0
7
1
9 | 0
5
5
5 | 0
7
4
4 | 0
7
4
4 | 0
7
1
6 | 0
5
5
7 | 0
6
4
6 | 0
5
6
9 | 0
7
4
8 | 0
6
8
5 | 0
4
7
4 | 0
6
8
6 | 0
7
3
3 | 0
6
8
8 | 0
4
5
1 | 0
5
7
1 | 0
4
2
5 | | |
| ANIMAL ID | 0
1
3
8
2 | 0
1
3
9
1 | 0
1
3
9
2 | 0
1
4
0
1 | 0
1
4
0
2 | 0
1
6
1
1 | 0
1
6
1
2 | 0
1
6
2
2 | 0
1
6
2
2 | 0
1
6
3
2 | 0
1
6
3
2 | 0
1
6
4
1 | 0
1
6
4
2 | 0
1
6
5
1 | 0
1
6
5
2 | 0
2
1
0
2 | 0
2
1
1
2 | 0
2
1
1
2 | 0
2
1
1
2 | 0
2
1
2
1 | 0
2
1
3
1 | 0
2
1
3
2 |
| Polyp Stromal | | | | X | | X | | | | | X | | | | X | | | X | X | | | 12 |
| Sarcoma Stromal | | | | | | | | | X | | | | | | | | | | | | | 4 |
| Vagina | + | | | | | | | | | + | | | | | | + | | | | | | 5 |
| Sarcoma Stromal, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | 1 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node | | | | | | | | | + | | + | | | + | + | + | | | | | | 9 |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | 1 |
| Lumbar, Sarcoma, Metastatic, Tissue Nos | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | X | | | X | | | | | | | | 2 |
| Renal, Leukemia Mononuclear | | | | | | | | | | X | | | | X | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | X | | X | | | | | X | X | | | | | | | | | 6 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | X | | | | | | X | X | X | | | | | | | | 6 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | 1 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | X | | X | | | X | | X | X | X | | X | | | | | | 17 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
4
4 | 0
4
2
3 | 0
3
8
6 | 0
7
1
9 | 0
5
5
4 | 0
7
4
4 | 0
7
7
6 | 0
7
1
6 | 0
5
5
7 | 0
6
4
6 | 0
5
6
9 | 0
7
4
8 | 0
6
8
5 | 0
4
7
4 | 0
6
8
6 | 0
7
3
3 | 0
6
6
8 | 0
4
5
1 | 0
5
7
1 | 0
4
2
5 | |
| ANIMAL ID | 0
1
3
8
2 | 0
1
3
9
1 | 0
1
3
9
2 | 0
1
4
0
1 | 0
1
4
1
2 | 0
1
6
1
2 | 0
1
6
1
2 | 0
1
6
2
2 | 0
1
6
3
2 | 0
1
6
3
4 | 0
1
6
4
2 | 0
1
6
4
5 | 0
1
6
5
0 | 0
2
1
1
2 | 0
2
1
1
2 | 0
2
1
1
2 | 0
2
1
1
2 | 0
2
1
2
1 | 0
2
1
2
2 | 0
2
1
3
1 | 0
2
1
3
2 |
| Thymus | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | | | | 1 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenocarcinoma | | | | | | | X | | | | | | | | | | | | | | 3 |
| Fibroadenoma | X | | | X | | X | X | X | | | X | X | X | | X | X | X | | | X | 31 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Basal Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | 1 |
| Subcutaneous Tissue, Fibroma | | | | | | | X | | | | | | | | X | | | | | | 3 |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Sarcoma, Metastatic, Tissue Nos | | | | | | | | | X | | | | | | | | | | | | 1 |
| Tail, Squamous Cell Papilloma | | | | | X | | | | | | | | | | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | + | | | | | | | | 1 |
| Cranium, Osteoma | | | | | | | | | | | | X | | | | | | | | | 1 |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Sarcoma, Metastatic, Tissue Nos | | | | | | | | | X | | | | | | | | | | | | 1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.70 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0744 | 0423 | 0386 | 0719 | 0555 | 0774 | 0774 | 0776 | 0557 | 0664 | 0569 | 0748 | 0688 | 0705 | 0474 | 0768 | 0733 | 0668 | 0451 | 0551 | | 0475 |
| ANIMAL ID | 01382 | 01332 | 01332 | 01441 | 01446 | 01466 | 01466 | 01662 | 01662 | 01662 | 01663 | 01664 | 01664 | 01655 | 01655 | 01600 | 01611 | 01611 | 01622 | 01622 | 01633 | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Meninges, Granular Cell Tumor Nos | | | | | | | | | | | | | | | | | | | | | | 1 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | X | X | | X | X | X | | | | | | | | | | | | 9 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS-NCTR RATS
FEMALE | | 7 | 4 | 3 | 7 | 5 | 7 | 7 | 7 | 5 | 6 | 5 | 7 | 6 | 7 | 4 | 7 | 6 | 7 | 6 | 4 | 5 | 5 | 4 |
| 0.70 ACRYL | | 4 | 2 | 8 | 1 | 5 | 4 | 4 | 1 | 5 | 4 | 6 | 4 | 8 | 0 | 8 | 4 | 8 | 3 | 6 | 8 | 5 | 7 | 2 |
| ANIMAL ID | | 4 | 3 | 6 | 9 | 5 | 4 | 4 | 6 | 7 | 6 | 9 | 4 | 8 | 5 | 7 | 4 | 6 | 3 | 8 | 1 | 1 | 5 | 2 |
| | | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 3 | 3 | 3 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 |
| | | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

Histiocytic Sarcoma 1

Lacrimal Gland + 1

Zymbal's Gland + 3

Squamous Cell Carcinoma X 2

URINARY SYSTEM

Kidney + 48
 Leukemia Mononuclear 1
 Transitional Epithelium, Carcinoma 1

Urinary Bladder + + + + + + + + M + + + + + + + + + + + + 47
 Leukemia Mononuclear 1
 Transitional Epithelium, Carcinoma X 1

SYSTEMIC LESIONS

Multiple Organ + 48
 Histiocytic Sarcoma 2
 Leukemia Mononuclear X X X X X X X 17
 Lymphoma Malignant X 1

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
| | 0
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4 | 0
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4 | 0
2
6
4 | 0
7
4
4 | 0
7
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3 | 0
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4 | 0
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4 | 0
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4 | 0
5
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4 | 0
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4 | 0
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ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | A | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | X | | | X | | | X | | | | | | X | | | X | | X | X | | X | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------|----------------------|
| | 0
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4
4 | 0
7
0
1 | 0
5
8
4 | 0
7
4
4 | 0
7
4
4 | | | |
| Stomach, Forestomach
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Tongue
Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Heart
Leukemia Mononuclear
Schwannoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Adenoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla
Leukemia Mononuclear
Pheochromocytoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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5
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1 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant
Pars Distalis, Adenoma
Pars Distalis, Carcinoma | | | | X | X | | X | | X | X | X | | | | | X | X | | X | X | | X | X | | X | X | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| C-cell, Adenoma
Follicular Cell, Carcinoma | | X | | | | | | X | X | | | | | | | | | | X | | | | | X | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | X | | | | X | | | | | | | X | X | X | | | | | | |
| Carcinoma | | X | | | | | | | | | | X | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Polyp Stromal | | | | | | | X | | | | | X | X | X | | | X | | | | | | | | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | | + |

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|
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7
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3 | 0
4
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4 | 0
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4 | 0
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4 | 0
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4 | 0
7
4
4 | 0
7
4
4 | 0
5
8
4 | 0
7
4
4 | 0
7
0
4 | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | |
| Lymph Node | | | | + | | | | + | | | | | | | | | | | | | + | | | | + | |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Pancreatic, Leukemia Mononuclear | | | | X | | | | X | | | | | | | | | | | | | X | | | | | |
| Renal, Leukemia Mononuclear | | | | | | | | X | | | | | | | | | | | | | X | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | X | | | | | | X | | | | | | | | | | | X | | X | X | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | |
| Leukemia Mononuclear | | | | X | | | | | | X | | | | | | | X | | | X | | X | | X | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | X | | | X | | | X | | | | | | X | | | | X | | X | X | | X | |
| Thymus | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | X | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenocarcinoma | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| Fibroadenoma | X | | | X | | X | | | X | | | X | X | | | | | X | | | X | X | | X | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | 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 | | |
| | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 4 | 2 | 7 | 7 | 7 | 4 | 7 | 2 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | |
| | 4 | 1 | 2 | 4 | 4 | 4 | 7 | 8 | 4 | 6 | 6 | 4 | 4 | 4 | 3 | 3 | 9 | 4 | 4 | 4 | 4 | 0 | 8 | 4 | 0 | |
| | 4 | 8 | 0 | 4 | 4 | 4 | 0 | 6 | 4 | 0 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 4 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 1 | 1 | 2 | 2 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |

Ear, Neural Crest Tumor, Malignant
 Subcutaneous Tissue, Fibroma

X

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum
Astrocytoma Nos
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebrum
Astrocytoma Nos
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord, Cervical
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|--|
| | 0
7
4
4 | 0
6
1
8 | 0
6
2
0 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
6
7
0 | 0
6
8
6 | 0
7
4
0 | 0
4
6
4 | 0
2
6
4 | 0
7
4
4 | 0
7
4
3 | 0
7
4
3 | 0
4
3
4 | 0
7
3
4 | 0
2
9
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
0
1 | 0
5
8
4 | 0
7
4
4 | 0
7
0
4 | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Spinal Cord, Thoracic
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye
Lids, Melanoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | A | + | + | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Urinary Bladder
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
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 | 0 | 0 | 0 | 0 |
|--|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ANIMAL ID | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 4 | 2 | 7 | 7 | 7 | 4 | 7 | 2 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 |
| | | 4 | 1 | 2 | 4 | 4 | 4 | 7 | 8 | 4 | 6 | 6 | 4 | 4 | 4 | 3 | 3 | 9 | 4 | 4 | 4 | 4 | 0 | 8 | 4 | 0 | | |
| | | 4 | 8 | 0 | 4 | 4 | 4 | 0 | 6 | 4 | 0 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 4 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 1 | 1 | 1 | 1 | 1 | |
| | | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 1 | 1 | 2 | 2 | 3 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Multiple Organ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | X | | | X | | | X | | | | | | X | | | | X | | X | X | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X | |

females
(cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
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4 | 0
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2 | 0
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4 | 0
7
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6 | 0
6
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9 | 0
7
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1 | 0
4
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4 | 0
5
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0 | 0
6
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2 | 0
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1 | 0
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3 | 0
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1 | 0
7
4
4 | 0
7
4
4 | 0
5
4
2 | 0
7
4
4 | | 0
5
0
9 |
| ANIMAL ID | 0
1
1
3
2 | 0
1
1
4
1 | 0
1
1
4
2 | 0
1
1
5
1 | 0
1
1
5
2 | 0
1
9
6
1 | 0
1
9
6
2 | 0
1
9
7
1 | 0
1
9
7
2 | 0
1
9
8
1 | 0
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8
2 | 0
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2
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2
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2 | 0
2
3
4
1 | 0
2
3
4
2 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hepatocellular Adenoma | | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | X | | | | | | X | X | | | | X | | | X | | | | 13 |
| Mesentery | | | + | | | | | | | | | | | | | | + | | | | | | 4 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | + | | | 3 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | X | | | | 2 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| | 0
7
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4 | 0
7
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4 | 0
5
9
2 | 0
7
4
4 | 0
7
1
6 | 0
6
8
9 | 0
7
4
1 | 0
4
7
4 | 0
5
3
0 | 0
6
6
2 | 0
4
1
1 | 0
7
2
3 | 0
5
7
1 | 0
7
4
4 | 0
7
4
4 | 0
5
4
2 | 0
7
4
4 | | 0
5
0
9 | 0
5
0
8 |
| ANIMAL ID | 0
1
1
3
2 | 0
1
1
4
1 | 0
1
1
4
2 | 0
1
1
5
1 | 0
1
1
5
2 | 0
1
9
6
1 | 0
1
9
6
2 | 0
1
9
7
1 | 0
1
9
7
2 | 0
1
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8
1 | 0
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3
2 | 0
2
3
3
1 | 0
2
3
3
2 | 0
2
3
4
1 | 0
2
3
4
2 | |
| Stomach, Forestomach
Lymphoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Tongue
Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | 1
1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart
Leukemia Mononuclear
Schwannoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2
2 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Adenoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1
3 |
| Adrenal Medulla
Leukemia Mononuclear
Pheochromocytoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47
2
1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
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4 | 0
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4 | 0
7
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6 | 0
6
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9 | 0
7
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1 | 0
7
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1 | 0
5
3
0 | 0
6
6
2 | 0
4
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1 | 0
7
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3 | 0
5
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1 | 0
7
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4 | 0
7
4
4 | 0
5
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2 | 0
7
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4 | | 0
5
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9 |
| ANIMAL ID | 0
1
1
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2
3
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1 | 0
2
3
2
1 | 0
2
3
4
1 | 0
2
3
4
2 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Pars Distalis, Adenoma | X | X | | X | | | X | X | X | X | | X | X | X | | X | X | X | X | | X | 29 |
| Pars Distalis, Carcinoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| C-cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | 3 |
| Follicular Cell, Carcinoma | | | | | | | | | X | | | | | | | | | | | | | 3 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | X | | | | | | | X | | | | | | | X | | | | | | 8 |
| Carcinoma | | | | | X | | | | | | | | | | | | | | | | | 3 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | X | 3 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Polyp Stromal | | | | | X | | | X | | | X | | X | | | | | | | X | | 10 |
| Vagina | | | | + | | | | | | | + | | | | | | | | | | | 4 |

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
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9 | 0
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4 | 0
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2 | 0
4
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1 | 0
7
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3 | 0
5
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1 | 0
7
4
4 | 0
7
4
4 | 0
5
4
2 | 0
7
4
4 | | 0
5
0
9 | 0
5
0
8 |
| ANIMAL ID | 0
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2 | 0
2
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1 | 0
2
3
4
1 | 0
2
3
4
2 | 0
2
3
4
2 |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Lymph Node | | | | | | + | | | + | | | | | | | | | | | | | | 6 |
| Deep Cervical, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | X | 7 |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | X | | X | | | | | | | X | X | | | X | | | | X | | 15 |
| Thymus | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 45 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | X | 3 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Adenocarcinoma | | | | | X | | | | | | | | | | | X | X | | | | | | 4 |
| Fibroadenoma | | X | | X | X | | X | | X | | | | | | X | X | X | X | X | | X | X | 22 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| * .. Total animals with tissue examined microscopically; Total animals with tumor | | | | | | | | | | | | M .. Missing tissue | | | | | | | | | | | |
| + .. Tissue examined microscopically | | | | | | | | | | | | A .. Autolysis precludes evaluation | | | | | | | | | | | |
| X .. Lesion present | | | | | | | | | | | | BLANK .. Not examined microscopically | | | | | | | | | | | |
| I .. Insufficient tissue | | | | | | | | | | | | | | | | | | | | | | | |

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| | 0
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4 | 0
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6 | 0
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9 | 0
7
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1 | 0
4
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4 | 0
5
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0 | 0
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2 | 0
4
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1 | 0
7
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3 | 0
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7
1 | 0
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4 | 0
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2 | 0
7
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4 | | 0
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9 | 0
5
0
8 |
| ANIMAL ID | 0
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2 | 0
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2 | 0
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1 | 0
1
1
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2 | 0
1
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7
1 | 0
1
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2 | 0
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1 | 0
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2 | 0
1
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9
2 | 0
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2 | 0
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3
3
1 | 0
2
3
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2 | 0
2
3
4
1 | 0
2
3
4
2 | |

Ear, Neural Crest Tumor, Malignant
 Subcutaneous Tissue, Fibroma

X

1
1

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle
Rhabdomyosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum
Astrocytoma Nos
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1
1 |
| Brain, Cerebrum
Astrocytoma Nos
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2
1 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord, Cervical
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.35 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| | 0
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4 | 0
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9 | 0
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4 | 0
5
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0 | 0
6
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2 | 0
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4 | | 0
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9 | 0
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8 | |
| ANIMAL ID | 0
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2 | 0
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1
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2 | 0
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1 | 0
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5
2 | 0
1
1
6
1 | 0
1
1
6
2 | 0
1
1
7
1 | 0
1
1
7
2 | 0
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1 | 0
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2 | 0
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2
3
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2 | 0
2
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3
1 | 0
2
3
4
1 | 0
2
3
4
2 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Spinal Cord, Thoracic
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | 48
11 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Ear | | | | + | | | | | | | | | | | | | | | | | | | | 1 |
| Eye
Lids, Melanoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Urinary Bladder
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
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 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
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 | 0 | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 7 | 7 | 4 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 4 | 7 | 5 | 6 | 4 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 5 | |
| | | 4 | 4 | 9 | 4 | 4 | 9 | 4 | 1 | 8 | 4 | 7 | 4 | 3 | 6 | 1 | 2 | 7 | 4 | 4 | 4 | 4 | 0 | 0 | |
| | | 4 | 4 | 1 | 4 | 4 | 2 | 4 | 6 | 9 | 4 | 1 | 4 | 0 | 2 | 1 | 3 | 1 | 4 | 4 | 4 | 2 | 9 | 8 | |
| | | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 1 | 1 | 1 | 1 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | |
| | | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Leukemia Mononuclear | | | X | | X | | X | | | | | | | X | X | | | X | | | | X | | 15 | |
| Lymphoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|----------------------|
| | 0
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1 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Intestine Small, Ileum
Leukemia Mononuclear | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Hepatocellular Adenoma
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | X | X | | | | X | X | | | X | | | X | | | | | | X | |
| Mesentery
Leukemia Mononuclear | | | | | | | | | | | + | + | | | + | | | | + | | | | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oral Mucosa
Squamous Cell Papilloma | | | | | | | | + | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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TDMS No. 20313 - 05
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 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------|----------------------|
| | 0
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7
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4 | 0
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8 | 0
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7
4
3 | 0
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0 | 0
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4 | 0
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4
4 | 0
7
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4 | 0
7
3
3 | 0
5
7
8 | | | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | X | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | X | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | X | | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | X | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | X | X | | | | | | | | | | | | | | X | | |
| Pheochromocytoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | X | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|
| | 0
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4 | 0
5
9
3 | 0
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4 | 0
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8 | 0
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7
4
3 | 0
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4 | 0
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4 | 0
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3 | 0
6
9
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3 | 0
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| | 0
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland
Leukemia Mononuclear | + | + | + | M | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Pituitary Gland
Leukemia Mononuclear
Pars Distalis, Adenoma | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | X | | X | | X | | | | X | X | | X | X | X | X | X | X | | X | | X | X | X | | | |
| Thyroid Gland
Leukemia Mononuclear
C-cell, Adenoma
C-cell, Carcinoma
Follicular Cell, Adenoma
Follicular Cell, Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | X | | | | | | | | X | | | X | | | | X | | X | | |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS
Fat, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Adenoma
Carcinoma
Leukemia Mononuclear
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | X | | | | | X | | | | | | | | | | | |
| | | X | X | | X | | | | | | | X | X | | | | X | | | | | | | | | X |
| | | | | | | X | | | | | | | | | | | | | | | | | | | | X |
| Ovary
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | X | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------------------|-----------------------|--|
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4 | 0
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8 | 0
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0 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
3
3 | 0
5
7
8 | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1
1 | females
(cont...) | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | | |
| Polyp Stromal, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | | |
| Sarcoma Stromal | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | + | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1
1 | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1
1 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1
1 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1
1 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1
1 | |
| Thymus | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1
1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|----------------------|
| | 0
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4 | 0
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8 | 0
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3 | 0
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9
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1
2 | 0
1
0
1
2 | 0
1
0
2
2 | 0
1
0
3
1 | | |

Leukemia Mononuclear

X

X

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenocarcinoma | | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Fibroadenoma | X | | X | | | | | X | | | X | X | X | | X | X | | X | | X | X | X | X | X | X | |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | | | | | X | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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 Acrylamide
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| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spinal Cord, Cervical
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung
Alveolar/Bronchiolar Adenoma
Carcinoma, Metastatic, Kidney
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lacrimal Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|------------------|----------------------|
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4 | 0
7
3
3 | 0
5
7
8 | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1 | females
(cont...) |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1 | |
| Renal Tubule, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1 | females
(cont...) |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
3
1 | females
(cont...) |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | 0
0
3
1 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0718 | 0735 | 0744 | 0619 | 0744 | 0774 | 0664 | 0764 | 0666 | 0766 | 0666 | 0744 | 0663 | 0744 | 0564 | 0744 | 0664 | 0764 | 0571 | 0766 | |
| ANIMAL ID | 00132 | 00141 | 00144 | 00151 | 00155 | 00161 | 00166 | 00168 | 00171 | 00177 | 00178 | 00181 | 00188 | 00189 | 00190 | 00193 | 00199 | 00200 | 00201 | 00202 | 00204 |
| | 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 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 3 | 3 | 4 | 4 | 4 | 4 |
| | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 9 | 9 | 0 | 0 | 1 | 1 |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | X | | | X | | | | 2 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | X | | | | 2 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hepatocellular Adenoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | X | X | | X | X | | X | | | | | | | | | X | | | X | | X | X | 16 |
| Mesentery | | + | | + | | | | | | | | | + | | | | | | + | + | | | 10 |
| Leukemia Mononuclear | | X | | X | | | | | | | | | | | | | | | X | | | | 4 |
| Oral Mucosa | | | | | | | | | | | | + | | | | | | | | | | | 2 |
| Squamous Cell Papilloma | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
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 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |
|---|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|
| | 078 | 073 | 074 | 061 | 074 | 074 | 064 | 074 | 066 | 066 | 074 | 040 | 063 | 074 | 056 | 074 | 068 | 074 | 057 | 061 | | 066 | 066 | | | | | |
| ANIMAL ID | 010 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 012 | 022 | 022 | 022 | 022 | 022 | 022 | 022 | 022 | 022 | 022 | 022 | 022 |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Squamous Cell Papilloma | | X | | | | | | | X | | | | | | | | | | | | | | | | | | | 2 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | X | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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|---|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|
| | 078 | 073 | 074 | 061 | 074 | 074 | 064 | 074 | 066 | 066 | 074 | 046 | 067 | 054 | 074 | 064 | 064 | 064 | 057 | 066 | | 066 |
| ANIMAL ID | 010 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 012 | 012 | 012 | 012 | 012 | 012 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pars Distalis, Adenoma | X | X | X | | X | X | X | X | X | | | | X | X | | X | X | X | | X | X | 33 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 2 |
| C-cell, Adenoma | | | | | | | X | | X | | | | | | | | | | | | | 4 |
| C-cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | 2 |
| Follicular Cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Follicular Cell, Carcinoma | | | | | | | | X | | | | | | | | | | | | | | 1 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Fat, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | 1 |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 47 |
| Adenoma | X | | | | | | | | | | | X | | | | | | | | X | | 5 |
| Carcinoma | | | | | | | | X | | X | | | X | X | | | | | | | | 12 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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|---|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|
| | 078 | 075 | 074 | 069 | 074 | 074 | 069 | 074 | 066 | 066 | 074 | 049 | 063 | 074 | 053 | 074 | 064 | 074 | 051 | 071 | | 065 | 067 |
| ANIMAL ID | 010 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 012 | 012 | 012 | 012 | 012 | 012 | 012 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Polyp Stromal | | | | | | | | | | | | | | X | | | | | | | | | 8 |
| Polyp Stromal, Multiple | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Sarcoma Stromal | | | | | | | X | | | | | | | | | | | | X | | | | 3 |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | 1 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymph Node | + | | | + | | | | + | + | | | | + | | | | | + | | + | | | 10 |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | X | | | 2 |
| Mediastinal, Leukemia Mononuclear | X | | | | | | | | | | | | | | | | | | | X | | | 3 |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | X | | | 2 |
| Renal, Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | 3 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | X | | | | | | | | | | | | X | | | X | | X | | 7 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | | | | | | | | | | | | | | | X | X | | X | | X | | 8 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | X | | X | X | | | | | X | | | X | | | X | X | | X | | X | X | 18 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 45 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0718 | 0735 | 0744 | 0619 | 0744 | 0774 | 0664 | 0764 | 0668 | 0666 | 0744 | 0469 | 0639 | 0744 | 0563 | 0744 | 0684 | 0744 | 0571 | 0665 | |
| ANIMAL ID | 010 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 012 | 012 | 012 | 012 | 012 | 012 |
| | 0032 | 0041 | 0044 | 0055 | 0056 | 0082 | 0088 | 0088 | 0088 | 0088 | 0088 | 0088 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 |

Leukemia Mononuclear X 3

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Adenocarcinoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fibroadenoma | X | | X | | X | | X | | | | X | | | | X | | X | X | X | X | | 24 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | X | | | | | 2 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | 2 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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 X .. Lesion present
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| | 078 | 075 | 074 | 069 | 074 | 074 | 069 | 074 | 066 | 066 | 074 | 049 | 063 | 074 | 053 | 074 | 064 | 074 | 057 | 066 | | 066 |
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| Spinal Cord, Cervical
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Alveolar/Bronchiolar Adenoma
Carcinoma, Metastatic, Kidney
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | 48
1
1
9 |
| Nose
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47
1 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lacrimal Gland | | | | | | | | | | | | | | | | | | | | | | 1 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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0.175 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0718 | 0735 | 0744 | 0619 | 0744 | 0774 | 0674 | 0764 | 0674 | 0666 | 0766 | 0466 | 0746 | 0636 | 0746 | 0774 | 0664 | 0774 | 0571 | 0766 | | 0666 |
| ANIMAL ID | 00132 | 00114 | 00114 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Renal Tubule, Carcinoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 2 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | X | X | | X | X | | X | | | X | | | X | | | X | X | | X | | X | 19 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
| | 0
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1 | 0
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7
2 | 0
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7
1 | 0
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1 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Histiocytic Sarcoma
Leukemia Mononuclear
Sarcoma Stromal, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | X | X | | X | | | | | X | X | | X | X | | | X | | | | |
| Mesentery | | | | | | + | + | | | | | | | | | + | | | | | | | | | |
| Oral Mucosa
Squamous Cell Papilloma | | | | | | + | | | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Pancreas
Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
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 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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Leukemia Mononuclear

X

Salivary Glands

+ +

Stomach, Forestomach

+ +

Stomach, Glandular

+ +

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

Leukemia Mononuclear

X

X

Schwannoma Malignant

X

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Adenoma

X

Leukemia Mononuclear

Adrenal Medulla

+ +

Leukemia Mononuclear

X

Lymphoma Malignant

X

Pheochromocytoma Malignant

X

X

Bilateral, Pheochromocytoma Malignant

Islets, Pancreatic

+ +

Adenoma

X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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TDMS No. 20313 - 05
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| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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Leukemia Mononuclear

Parathyroid Gland
Adenoma

Pituitary Gland
Leukemia Mononuclear
Pars Distalis, Adenoma

Thyroid Gland
C-cell, Adenoma

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland
Adenoma
Carcinoma
Bilateral, Carcinoma

Ovary
Histiocytic Sarcoma
Leukemia Mononuclear

Uterus
Histiocytic Sarcoma
Polyp Stromal
Sarcoma Stromal

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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8
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2 | |

Endometrium, Adenoma

Vagina

+

+

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

Lymph Node

+

+

+

+

- Axillary, Leukemia Mononuclear
- Cervical, Leukemia Mononuclear
- Deep Cervical, Leukemia Mononuclear
- Inguinal, Leukemia Mononuclear
- Lumbar, Leukemia Mononuclear
- Mediastinal, Leukemia Mononuclear
- Pancreatic, Leukemia Mononuclear
- Renal, Leukemia Mononuclear

X

X

Lymph Node, Mandibular
Leukemia Mononuclear

+
X X

Lymph Node, Mesenteric
Leukemia Mononuclear

+
X X

Spleen
Leukemia Mononuclear

+
X X

Thymus
Leukemia Mononuclear

+ + + + + + + + + + M + + + + + + + + + + + + + + + + + +
X X

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | 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 | |
| | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | 1 | 4 | 1 | 4 | 2 | 4 | 4 | 4 | 1 | 4 | 4 | 8 | 4 | 4 | 6 | 2 | 4 | 4 | 4 | 1 | 4 | 4 | 4 | 3 | |
| | 1 | 4 | 8 | 4 | 6 | 4 | 4 | 4 | 3 | 4 | 4 | 6 | 3 | 3 | 1 | 4 | 4 | 4 | 7 | 4 | 4 | 4 | 4 | 6 | |
| | 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 | 1 | 1 | 1 | 1 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 2 | 2 | 2 | 2 | |
| | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 6 | 6 | 7 | 7 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma | | | | | | | | | | | | | | | | | | | | X | | | |
| Fibroadenoma | | | | | X | X | | X | X | | X | | | | | | X | X | | X | X | X | X |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Astrocytoma Nos | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|
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6
1 | 0
0
6
6
2 | 0
0
6
7
1 | 0
0
6
7
2 | 0
0
6
8
1 | 0
0
6
8
2 | 0
0
6
9
1 | 0
0
7
0
2 | 0
0
7
0
1 | 0
0
7
0
2 | 0
1
2
6
1 | 0
1
2
6
2 | 0
1
2
7
1 | 0
1
2
7
2 | 0
1
2
8
1 | |

Spinal Cord, Thoracic

+ +

RESPIRATORY SYSTEM

Lung + + + + + X +
 Leukemia Mononuclear X X X X
 Sarcoma Stromal, Metastatic, Uterus X

Nose +

Trachea +

SPECIAL SENSES SYSTEM

Eye +

Harderian Gland +

Lacrimal Gland +

Zymbal's Gland +
 Carcinoma X

URINARY SYSTEM

Kidney +
 Lymphoma Malignant X

Urinary Bladder +
 Leukemia Mononuclear

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
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 | females
(cont...) |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
| | | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 4 | 1 | 4 | 2 | 4 | 4 | 4 | 1 | 4 | 4 | 8 | 4 | 4 | 6 | 2 | 4 | 4 | 1 | 4 | 4 | 4 | 3 | 4 | 4 | |
| | | 1 | 4 | 8 | 4 | 6 | 4 | 4 | 4 | 3 | 4 | 4 | 6 | 3 | 3 | 1 | 4 | 4 | 4 | 7 | 4 | 4 | 4 | 3 | 4 | 6 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 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 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 6 | 6 | 7 | 7 | 8 | 8 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | X | X | | X | | | | | X | X | X | X | | X | X | | | X | | |
| Lymphoma Malignant | | | | | | | | | | | X | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
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 Acrylamide
 CAS Number: 79-06-1

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|
| | 06 | 06 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 05 | 05 | 07 | 07 | 07 | 07 | 07 | 05 | 05 | 07 | | 07 | 07 |
| ANIMAL ID | 006 | 008 | 004 | 004 | 004 | 004 | 007 | 005 | 004 | 004 | 002 | 008 | 003 | 004 | 004 | 004 | 002 | 003 | 004 | 004 | 004 | 004 | 000 |
| | 012 | 012 | 012 | 013 | 013 | 015 | 015 | 015 | 015 | 015 | 015 | 015 | 016 | 016 | 022 | 022 | 022 | 022 | 023 | 024 | 024 | 025 | 025 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Liver
Histiocytic Sarcoma
Leukemia Mononuclear
Sarcoma Stromal, Metastatic, Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | 48
1
15
1 |
| Mesentery | + | + | | | + | + | | | | | + | | | | | + | | | | | | | 9 |
| Oral Mucosa
Squamous Cell Papilloma | | | + | | | | | | | | | | | | | | | | | | | | 2
2 |
| Pancreas
Histiocytic Sarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | 48
1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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Acrylamide
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0606 | 0608 | 0604 | 0604 | 0604 | 0604 | 0607 | 0605 | 0604 | 0604 | 0602 | 0608 | 0603 | 0604 | 0604 | 0604 | 0605 | 0603 | 0604 | 0604 | | 0604 |
| ANIMAL ID | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | 01282 | |
| Leukemia Mononuclear | | | | | | | | | | | | | | X | | | | | | | | 2 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | X | | | | | | | | 3 |
| Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | X | | | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | X | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | X | | | | | | | | 3 |
| Bilateral, Pheochromocytoma Malignant | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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Acrylamide
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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|----|
| | 06 | 06 | 07 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 05 | 05 | 07 | 07 | 07 | 07 | 05 | 05 | 07 | | 07 | 07 | 07 | |
| ANIMAL ID | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Parathyroid Gland Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | 47 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Leukemia Mononuclear Pars Distalis, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Thyroid Gland C-cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | 35 |
| | | | | | | | | | | | | | | | | | | | | | | | | X | 4 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | 48 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | X | 7 |
| Bilateral, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | X | 5 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | X | 3 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | X | 48 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | X | 12 |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | X | 4 |
| Sarcoma Stromal | | | | | | | | | | | | | | | | | | | | | | | | X | 4 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|
| | 06 | 06 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 05 | 05 | 07 | 07 | 07 | 07 | 05 | 05 | 07 | 07 | |
| ANIMAL ID | 006 | 008 | 004 | 004 | 004 | 004 | 007 | 004 | 004 | 004 | 002 | 008 | 003 | 004 | 004 | 004 | 002 | 003 | 004 | 004 | 004 |
| | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 | 011 |
| | 022 | 022 | 022 | 033 | 033 | 055 | 055 | 055 | 055 | 055 | 055 | 055 | 066 | 066 | 022 | 022 | 022 | 022 | 022 | 022 | 022 |
| | 088 | 099 | 090 | 000 | 000 | 066 | 066 | 077 | 077 | 088 | 088 | 099 | 099 | 000 | 000 | 022 | 033 | 033 | 044 | 044 | 055 |
| | 022 | 011 | 022 | 011 | 022 | 011 | 022 | 011 | 022 | 011 | 022 | 011 | 022 | 011 | 022 | 011 | 022 | 011 | 022 | 011 | 022 |

Endometrium, Adenoma X 1

Vagina + + 4

HEMATOPOIETIC SYSTEM

Bone Marrow + 48

Lymph Node + + + + 9

Axillary, Leukemia Mononuclear X X X 3

Cervical, Leukemia Mononuclear X 1

Deep Cervical, Leukemia Mononuclear X 1

Inguinal, Leukemia Mononuclear X 1

Lumbar, Leukemia Mononuclear X X 3

Mediastinal, Leukemia Mononuclear X X X 4

Pancreatic, Leukemia Mononuclear X X X X 4

Renal, Leukemia Mononuclear X X X 3

Lymph Node, Mandibular + 48

Leukemia Mononuclear X X X 5

Lymph Node, Mesenteric + + + + + + + + + + M + + + + + + + + + + 47

Leukemia Mononuclear X X X X 7

Spleen + 48

Leukemia Mononuclear X X X X X X X X 19

Thymus + 47

Leukemia Mononuclear X X 3

* .. Total animals with tissue examined microscopically; Total animals with tumor
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 Acrylamide
 CAS Number: 79-06-1

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|
| | 0606 | 0608 | 0607 | 0604 | 0607 | 0607 | 0607 | 0606 | 0606 | 0607 | 0607 | 0605 | 0605 | 0607 | 0607 | 0607 | 0607 | 0605 | 0605 | 0607 | | 0607 | 0607 | 0607 | | |
| ANIMAL ID | 01282 | 01122 | 01122 | 01133 | 01133 | 01155 | 01155 | 01155 | 01155 | 01155 | 01155 | 01155 | 01155 | 01166 | 01166 | 01222 | 01222 | 01222 | 01222 | 01222 | 01233 | 01233 | 01244 | 01244 | 01255 | 01255 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenocarcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fibroadenoma | | | X | | | X | | X | | | | | | X | X | | | X | X | | | | | | | 18 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Subcutaneous Tissue, Schwannoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Astrocytoma Nos | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

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 X .. Lesion present
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 Acrylamide
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FEMALE
0.0875 ACRYL | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|--|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|
| | 06 | 06 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 05 | 05 | 07 | 07 | 07 | 07 | 07 | 05 | 05 | 07 | | 07 | 07 | 07 |
| ANIMAL ID | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | X | X | | X | | | X | | | | | | | | | | X | | 9 |
| Sarcoma Stromal, Metastatic, Uterus | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lacrimal Gland | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| FISCHER 344 RATS-NCTR RATS
FEMALE
0.0875 ACRYL | DAY ON TEST | 06 | 06 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 05 | 05 | 07 | 07 | 07 | 07 | 05 | 05 | 07 | 07 | 07 | 07 | * TOTALS |
| | ANIMAL ID | 06 | 08 | 04 | 04 | 04 | 04 | 07 | 04 | 04 | 04 | 02 | 08 | 03 | 04 | 04 | 04 | 02 | 03 | 04 | 04 | 04 | 00 | |
| | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | 1 |
| Leukemia Mononuclear | | | | X | | X | X | | X | | X | X | X | | | | | | | X | | X | | 19 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 Lab: NCTR

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | | 0744 | 0696 | 0732 | 0744 | 0774 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | |
| FISCHER 344 RATS-NCTR RATS FEMALE | | 4 | 9 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | CONTROL WATER | 0016 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | 0017 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | X | X | X | | | | | | | X | X | | | | | X | X | X | | | | | | |
| Mesentery | | + | | | | | + | | | | | | | | | + | | | | | | | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | X | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS FEMALE CONTROL WATER | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) | |
|------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|-------------------|------|
| | 0744 | 0696 | 0732 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | 0774 | | | 0774 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schwannoma Malignant | | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Pheochromocytoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Adenoma | | | X | X | | | X | X | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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 BLANK .. Not examined microscopically

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 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 | | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | | |
| FISCHER 344 RATS-NCTR RATS
FEMALE | CONTROL WATER | 4 | 9 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 6 | 4 | 4 | 8 | 4 | 4 | 4 | | |
| | 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 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Adenoma | | X | | | | | | | | | | | | | | | | | | | | | |
| C-cell, Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | X | X | | X | | | | | | | | | X | X | | | | | X | X |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Granulosa Cell Tumor Benign | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | |
| Polyp Stromal | | | X | | | X | X | | X | | | | | X | | | | | | X | | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node | | + | + | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS-NCTR RATS FEMALE | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) | |
|---|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------------------|------|
| | 0744 | 0696 | 0732 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | | | 0744 |
| CONTROL WATER | 00161 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | 00111 | | |
| Mediastinal, Leukemia Mononuclear | | | X | | | | | | | | | | | | | | | | | | | | | | X | | |
| Pancreatic, Leukemia Mononuclear | | X | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Renal, Leukemia Mononuclear | | X | X | | | | | | | | | | | | | | | | | | | | | | | X | |
| Lymph Node, Mandibular Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Spleen Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thymus Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland Adenocarcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Fibroadenoma | | X | | | | X | | | | | X | X | X | | | X | | | | X | | | X | X | | | |
| Skin Basal Cell Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | | | | X | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
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 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|--|
| | 0
7
4
4 | 0
6
9
6 | 0
7
3
2 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
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4 | 0
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4 | 0
7
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4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | | | |
| Nose
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney
Leukemia Mononuclear
Renal Tubule, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Urinary Bladder
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | X | X | X | | | | | | | X | | X | | | | | X | | X | X | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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 Acrylamide
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| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------------|---|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | |
| | 7 | 7 | 6 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 4 | 6 | 7 | 7 | 5 | 7 | | |
| | 4 | 4 | 9 | 5 | 7 | 4 | 4 | 0 | 4 | 4 | 6 | 4 | 7 | 4 | 4 | 4 | 7 | 8 | 4 | 4 | 9 | 4 | | |
| | 4 | 4 | 8 | 3 | 2 | 4 | 4 | 6 | 4 | 4 | 6 | 4 | 7 | 4 | 4 | 4 | 0 | 4 | 4 | 0 | 4 | 4 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 5 | 5 | | |
| | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | | |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Mesothelioma Malignant | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Intestine Large, Cecum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Large, Colon | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | X | | 10 |
| Mesentery | + | | | | | | | + | | | | | + | | | | | + | | | | | 7 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mesothelioma Malignant | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
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9
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4 |
| ANIMAL ID | 0
1
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4
9 | 0
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5
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2 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Schwannoma Malignant | | | | | | | | | | | | | | X | | | | | | | | 2 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | X | | | | | 2 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pars Distalis, Adenoma | X | X | X | X | X | | X | X | X | X | | X | X | X | X | | | X | X | | X | 37 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
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| ANIMAL ID | 0
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|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| C-cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| C-cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Adenoma | | | | | | | | | | | | | | | | X | | X | | | | | 9 |
| Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Granulosa Cell Tumor Benign | | | | | | | | | | | | | | | | X | | | | X | | | 2 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Polyp Stromal | | | | | X | | | | | X | | | | X | | | | | | | | | 9 |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | 1 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymph Node | | | | | | | | | | + | | | | + | | | | | + | + | | | 7 |

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

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| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
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| ANIMAL ID | 0
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4
1 | 0
2
0
7
2 | 0
2
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7
2 | 0
2
4
7
1 | 0
2
4
7
2 | 0
2
4
8
1 | 0
2
4
9
2 | 0
2
4
9
1 | 0
2
5
0
0 | 0
2
5
0
2 |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | | 3 |
| Renal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | 3 |
| Lymph Node, Mandibular
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | | | | | | | | | X | | | | X | | 6 |
| Lymph Node, Mesenteric
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | | | | | | | | | X | | | | X | | 5 |
| Spleen
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | | | | | | | | | X | | | | X | | 10 |
| Thymus
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | | | | | 1 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland
Adenocarcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Fibroadenoma | | | X | | | X | X | X | | | | | X | | X | | | X | | | X | 3 |
| | | | | | | | | | | | | | | | | X | X | | | | | 16 |
| Skin
Basal Cell Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Subcutaneous Tissue, Fibroma | | | | X | X | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

TDMS No. 20313 - 05
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| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | 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 | |
| ANIMAL ID | 7 | 7 | 6 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 4 | 6 | 7 | 7 | 5 | 7 | |
| | 4 | 4 | 9 | 5 | 7 | 4 | 4 | 0 | 4 | 4 | 4 | 6 | 4 | 7 | 4 | 4 | 4 | 7 | 8 | 4 | 4 | 9 | 4 |
| | 4 | 4 | 8 | 3 | 2 | 4 | 4 | 6 | 4 | 4 | 4 | 6 | 4 | 7 | 4 | 4 | 4 | 0 | 4 | 4 | 0 | 4 | 4 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Peripheral Nerve, Sciatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | 1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | X | | 7 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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 Route: DOSED WATER
 Species/Strain: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Acrylamide
 CAS Number: 79-06-1

Date Report Requested: 01/15/2010
 Time Report Requested: 14:38:46
 First Dose M/F: 05/23/05 / 05/23/05
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS
FEMALE
CONTROL WATER | 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 | |
| ANIMAL ID | 7 | 7 | 6 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 4 | 6 | 7 | 7 | 5 | 7 | |
| | 4 | 4 | 9 | 5 | 7 | 4 | 4 | 0 | 4 | 4 | 4 | 6 | 4 | 7 | 4 | 4 | 4 | 7 | 8 | 4 | 4 | 9 | 4 |
| | 4 | 4 | 8 | 3 | 2 | 4 | 4 | 6 | 4 | 4 | 4 | 6 | 4 | 7 | 4 | 4 | 4 | 0 | 4 | 4 | 0 | 4 | 4 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |
| | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| Nose | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | X | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | X | | |
| Mesothelioma Malignant | | | | | | | | X | | | | | | | | | | | | | | | |

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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