

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

F1_R2

C Number: C99027
Lock Date: 05/03/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.7.0

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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
		7	7	7	7	7	7	6	5	7	7	7	7	7	7	7	7	7	7	7	5	7	4	6	7		
		2	2	2	2	2	2	6	6	3	1	1	3	1	2	2	3	3	3	2	2	1	2	8	8	3	
		9	9	9	9	9	9	0	5	2	1	5	0	5	9	9	0	0	0	9	9	6	9	6	2	0	
FISCHER 344 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	0	0	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 PPM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	males
		1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	(cont...)
Leukemia Mononuclear		X																									
Mesothelioma Malignant		X																									
Oral Mucosa		+																									
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear		X																									
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																											
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma, Metastatic, Lung																											
Tongue																											
Squamous Cell Papilloma		+																									

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear				X			X	X		X	X	X											X			
Schwannoma Malignant																										

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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		7	7	7	7	7	7	6	5	7	7	7	7	7	7	7	7	7	7	7	5	7	4	6	7	
		2	2	2	2	2	2	6	6	3	1	1	3	1	2	2	3	3	3	2	2	1	2	8	8	3
		9	9	9	9	9	9	0	5	2	1	5	0	5	9	9	0	0	0	9	9	6	9	6	2	0
FISCHER 344 RATS MALE 0 PPM		ANIMAL ID																							males (cont...)	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	
1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Squamous Cell Carcinoma, Metastatic,
 Lung

ENDOCRINE SYSTEM

Adrenal Cortex

Leukemia Mononuclear

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

Adrenal Medulla

Leukemia Mononuclear

Pheochromocytoma Benign

Pheochromocytoma Malignant

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

Islets, Pancreatic

Adenoma

Carcinoma

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

Parathyroid Gland

Adenoma

M	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Pituitary Gland

Leukemia Mononuclear

Pars Distalis, Adenoma

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

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FISCHER 344 RATS MALE 0 PPM		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
		7	7	7	7	7	7	6	5	7	7	7	7	7	7	7	7	7	7	7	7	5	7	4	6	7
		2	2	2	2	2	2	6	6	3	1	1	3	1	2	2	3	3	3	2	2	1	2	8	8	3
		9	9	9	9	9	9	0	5	2	1	5	0	5	9	9	0	0	0	9	9	6	9	6	2	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
		males (cont...)																								
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Adenoma								X							X											
C-cell, Carcinoma		X																X								
Follicular Cell, Adenoma																										

GENERAL BODY SYSTEM

Tissue NOS	.....	+
Squamous Cell Carcinoma, Metastatic, Lung		

GENITAL SYSTEM

Epididymis	.....	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Penis	.....	+																							
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									
Leukemia Mononuclear													X												
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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		7	7	7	7	7	7	6	5	7	7	7	7	7	7	7	7	7	7	7	5	7	4	6	7			
FISCHER 344 RATS MALE		2	2	2	2	2	2	6	6	3	1	1	3	1	2	2	3	3	3	3	2	2	1	2	8	8	3	
		9	9	9	9	9	9	0	5	2	1	5	0	5	9	9	0	0	0	0	9	9	6	9	6	2	0	
0 PPM		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	males (cont...)	
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				0	0	0	0	0	0	0	0	0	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	2	2	2	2	2		2
				1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3		4	5
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear					X			X	X			X	X	X				X					X					
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Hemangiosarcoma																						X						
Leiomyosarcoma																												
Leukemia Mononuclear					X			X	X			X	X	X				X					X					
Thymus		+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Leukemia Mononuclear												X		X														

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroadenoma	X																								
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																									
Keratoacanthoma					X																				
Leukemia Mononuclear																									
Squamous Cell Carcinoma, Metastatic, Lung																									
Pinna, Neural Crest Tumor																									
Subcutaneous Tissue, Fibroma						X																			

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		7	7	7	7	7	7	6	5	7	7	7	7	7	7	7	7	7	7	5	7	4	6	7	3	
		2	2	2	2	2	2	6	6	3	1	1	3	1	2	2	3	3	3	2	2	1	2	8	8	3
		9	9	9	9	9	9	0	5	2	1	5	0	5	9	9	0	0	0	9	9	6	9	6	2	0
.....																										
FISCHER 344 RATS MALE ANIMAL ID 0 PPM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
males (cont...)																										

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																									

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granular Cell Tumor Benign																									
Leukemia Mononuclear									X				X										X		
Peripheral Nerve																									
Spinal Cord																									

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Thyroid Gland																									
Leukemia Mononuclear				X			X	X			X	X	X				X					X			
Squamous Cell Carcinoma																									

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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
DAY ON TEST		7	7	7	7	7	7	6	5	7	7	7	7	7	7	7	7	7	7	7	5	7	4	6	7	
		2	2	2	2	2	2	6	6	3	1	1	3	1	2	2	3	3	3	2	2	1	2	8	8	3
		9	9	9	9	9	9	0	5	2	1	5	0	5	9	9	0	0	0	9	9	6	9	6	2	0
FISCHER 344 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	0	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 PPM		0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	
		males (cont...)																								
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																										
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Thyroid Gland																										
SPECIAL SENSES SYSTEM																										
Ear																										
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																										
URINARY SYSTEM																										
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear					X			X	X			X	X					X				X				
Squamous Cell Carcinoma, Metastatic, Lung																										
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																										

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[illegible]

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		5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	6	6	7	7	7
		2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	3	3	3	9	3	2	2	3
		8	0	0	0	0	0	0	0	3	3	3	0	0	0	0	3	0	1	1	8	9	9	9	0
FISCHER 344 RATS MALE ANIMAL ID 0 PPM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
		* TOTALS																							

Squamous Cell Carcinoma, Metastatic,
Lung

X

1

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear					X					X	X								X				X		8
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear					X					X									X						8
Pheochromocytoma Benign		X		X									X												8
Pheochromocytoma Malignant	X																				X	X			3
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																									1
Carcinoma											X														1
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	45
Adenoma								X																	1
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear					X					X															7
Pars Distalis, Adenoma		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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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
	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	6	6	7	7	7	7
FISCHER 344 RATS MALE ANIMAL ID	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	3	3	3	9	3	2	2	3	1
	8	0	0	0	0	0	0	0	0	3	3	3	0	0	0	3	0	1	1	8	9	9	9	0	5
0 PPM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	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	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																									* TOTALS

Leukemia Mononuclear X 1

Testes + 50

Bilateral, Interstitial Cell, Adenoma X 36

Interstitial Cell, Adenoma X 10

HEMATOPOIETIC SYSTEM

Bone Marrow + 50

Leukemia Mononuclear X 15

Squamous Cell Carcinoma, Metastatic, Lung X 1

Lymph Node + 15

Axillary, Leukemia Mononuclear X 1

Deep Cervical, Leukemia Mononuclear X 2

Mediastinal, Leukemia Mononuclear X X 5

Pancreatic, Leukemia Mononuclear X X 9

Pancreatic, Squamous Cell Carcinoma, Metastatic, Lung X 1

Lymph Node, Mandibular M 2

Leukemia Mononuclear 2

* .. Total animals with tissue examined microscopically; Total animals with tumor
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Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

[illegible]

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A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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
	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	6	6	7	7	7	7	7
FISCHER 344 RATS MALE ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 PPM	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skeletal Muscle																										2

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Granular Cell Tumor Benign																										2
Leukemia Mononuclear																										5
Peripheral Nerve																										1
Spinal Cord																										1

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Thyroid Gland																										1
Leukemia Mononuclear																										15
Squamous Cell Carcinoma	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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SR|

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

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

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
	6	6	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	5
FISCHER 344 RATS MALE 2000 PPM	9	4	3	3	3	3	2	0	2	3	3	3	2	7	2	2	2	2	3	3	3	3	3	3	6
	0	2	1	1	1	1	9	7	9	2	2	2	9	9	9	9	9	9	0	0	0	2	2	2	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	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 PPM	0	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	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	males (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
Intestine Large, Rectum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma, Multiple														X										
Leukemia Mononuclear	X	X								X	X			X	X		X							
Lymphoma Malignant																							X	
Mesothelioma Malignant, Metastatic, Mesentery										X														
Mesentery										+	+						+		+					
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
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 BLANK .. Not examined microscopically

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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
	6	6	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	5
	9	4	3	3	3	3	2	0	2	3	3	3	2	7	2	2	2	2	3	3	3	3	3	3	6
	0	2	1	1	1	1	9	7	9	2	2	2	9	9	9	9	9	9	0	0	0	2	2	2	4
FISCHER 344 RATS MALE ANIMAL ID 2000 PPM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	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	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
males (cont...)																									

Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X	X																							
Lymphoma Malignant																								X	
Acinus, Adenoma													X												
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																									
Stomach, Forestomach	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																									
Stomach, Glandular	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																									
Tongue										+															

CARDIOVASCULAR SYSTEM

Blood Vessel																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

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
		6	6	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	5
		9	4	3	3	3	3	2	0	2	3	3	3	2	7	2	2	2	2	3	3	3	3	3	6
		0	2	1	1	1	1	9	7	9	2	2	2	9	9	9	9	9	9	0	0	0	2	2	4
FISCHER 344 RATS MALE 2000 PPM		.....																							
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
		males (cont...)																							

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear		X										X		X										
Lymphoma Malignant																							X	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear		X										X		X										
Lymphoma Malignant																							X	
Pheochromocytoma Benign						X	X		X		X												X	
Pheochromocytoma Complex																								
Pheochromocytoma Malignant																								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma				X								X												
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma				X																				
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear												X		X										
Lymphoma Malignant																							X	
Pars Distalis, Adenoma								X										X		X		X	X	X

* .. Total animals with tissue examined microscopically; Total animals with tumor
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Lab: SRI

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

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
	6	6	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	5
FISCHER 344 RATS MALE 2000 PPM	9	4	3	3	3	3	2	0	2	3	3	3	2	7	2	2	2	2	3	3	3	3	3	3	6
	0	2	1	1	1	1	9	7	9	2	2	2	9	9	9	9	9	9	0	0	0	2	2	2	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	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 PPM	0	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	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	males (cont...)

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																								
Bilateral, Interstitial Cell, Adenoma		X	X	X	X	X	X		X	X	X	X	X			X	X		X	X	X	X	X	X
Interstitial Cell, Adenoma	X							X						X	X									

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X	X								X		X			X		X							
Lymphoma Malignant																							X	
Lymph Node	+							+				+		+									+	
Lymphoma Malignant																							X	
Axillary, Leukemia Mononuclear	X																							
Deep Cervical, Leukemia Mononuclear													X											
Mediastinal, Leukemia Mononuclear	X																							
Pancreatic, Leukemia Mononuclear	X											X												
Pancreatic, Lymphoma Malignant																							X	
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X	X										X			X	X								

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 + .. Tissue examined microscopically
 x .. Lesion present
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TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

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		
		6	6	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	5		
		9	4	3	3	3	3	2	0	2	3	3	3	2	7	2	2	2	2	3	3	3	3	3	3	6		
		0	2	1	1	1	1	9	7	9	2	2	2	9	9	9	9	9	9	0	0	0	2	2	2	4		
FISCHER 344 RATS MALE 2000 PPM																												males (cont...)
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	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	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7		
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		

Lymphoma Malignant																											X
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear		X	X								X		X			X	X		X								
Lymphoma Malignant																										X	
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	
Leukemia Mononuclear																											
Lymphoma Malignant																										X	

INTEGUMENTARY SYSTEM

Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Basal Cell Carcinoma				X																							
Keratoacanthoma																										X	
Squamous Cell Papilloma												X															
Subcutaneous Tissue, Fibroma					X																					X	
Subcutaneous Tissue, Lipoma																											
Subcutaneous Tissue, Sarcoma											X																

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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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	
		6	6	7	7	7	7	7	6	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	5	
		9	4	3	3	3	3	2	0	2	3	3	3	2	7	2	2	2	3	3	3	3	3	3	6	
		0	2	1	1	1	1	9	7	9	2	2	2	9	9	9	9	9	0	0	0	2	2	2	4	
FISCHER 344 RATS MALE 2000 PPM ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
		males (cont...)																								

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																									+

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granular Cell Tumor Benign										X															
Leukemia Mononuclear	X															X									
Lymphoma Malignant																							X		
Peripheral Nerve						+																			
Spinal Cord						+																			

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma				X																					
Alveolar/Bronchiolar Carcinoma																									
Alveolar/Bronchiolar Carcinoma, Multiple																				X					
Hemangioma																									
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

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BLANK .. Not examined microscopically

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Lab: SRI

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
	6	6	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	5
	9	4	3	3	3	3	2	0	2	3	3	3	2	7	2	2	2	2	3	3	3	3	3	6
	0	2	1	1	1	1	9	7	9	2	2	2	9	9	9	9	9	9	0	0	0	2	2	4
FISCHER 344 RATS MALE ANIMAL ID 2000 PPM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
males (cont...)																								

Lymphoma Malignant X
Sarcoma, Metastatic, Skin X

Nose +
Trachea +

SPECIAL SENSES SYSTEM

Eye +
Leukemia Mononuclear
Lymphoma Malignant X
Harderian Gland +
Leukemia Mononuclear
Lymphoma Malignant X
Zymbal's Gland +
Carcinoma X

URINARY SYSTEM

Kidney + A +
Leukemia Mononuclear X X

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	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
		6	7	7	7	7	7	5	7	7	7	1	6	6	7	7	7	0	7	7	6	7	7	7	7	7
		1	3	2	2	2	2	6	0	2	2	9	5	2	3	3	3	5	3	3	7	3	3	3	3	3
		8	3	9	0	9	9	9	0	9	9	5	7	8	2	2	2	0	0	0	4	2	2	2	2	2
FISCHER 344 RATS MALE 2000 PPM	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		* TOTALS																								

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Colon	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	45
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma, Multiple																										1
Leukemia Mononuclear	X			X			X	X			X							X		X		X	X			16
Lymphoma Malignant																										1
Mesothelioma Malignant, Metastatic, Mesentery																										1
Mesentery			+	+			+			+						+						+				10
Mesothelioma Malignant				X						X																3

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Lab: SRI

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

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 Lab: SRI

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	
		6	7	7	7	7	7	5	7	7	7	1	6	6	7	7	7	0	7	7	6	7	7	7	7	
		1	3	2	2	2	2	6	0	2	2	9	5	2	3	3	3	5	3	3	7	3	3	3	3	
		8	3	9	0	9	9	9	0	9	9	5	7	8	2	2	2	0	0	0	4	2	2	2	2	
FISCHER 344 RATS MALE 2000 PPM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		
		7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0		
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
		* TOTALS																								

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Leukemia Mononuclear				X							X												X		6
Lymphoma Malignant																									1
Adrenal Medulla	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Leukemia Mononuclear	X			X							X								X				X		8
Lymphoma Malignant																									1
Pheochromocytoma Benign		X		X																	X		X		9
Pheochromocytoma Complex											X														1
Pheochromocytoma Malignant							X				X			X											3
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma									X																3
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	48
Adenoma																									1
Pituitary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Leukemia Mononuclear								X			X								X				X		6
Lymphoma Malignant																									1
Pars Distalis, Adenoma		X							X	X				X		X									11

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		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		
		6	7	7	7	7	7	5	7	7	7	1	6	6	7	7	7	0	7	7	6	7	7	7	7		
		1	3	2	2	2	2	6	0	2	2	9	5	2	3	3	3	5	3	3	7	3	3	3	3		
		8	3	9	0	9	9	9	0	9	9	5	7	8	2	2	2	0	0	0	4	2	2	2	2		
FISCHER 344 RATS MALE 2000 PPM																											
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9		
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
C-cell, Adenoma										X	X								X					X		6
C-cell, Carcinoma														X												1
Follicular Cell, Adenoma																										1

GENERAL BODY SYSTEM

Tissue NOS																										1
Leukemia Mononuclear																										1

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																								X		1
Leukemia Mononuclear													X													1
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																										1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																										1

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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
	6	7	7	7	7	7	5	7	7	7	1	6	6	7	7	7	0	7	7	6	7	7	7	7	7	7
	1	3	2	2	2	2	6	0	2	2	9	5	2	3	3	3	5	3	3	7	3	3	3	3	3	3
	8	3	9	0	9	9	9	0	9	9	5	7	8	2	2	2	0	0	0	4	2	2	2	2	2	2
FISCHER 344 RATS MALE 2000 PPM ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear								X																		1
Bilateral, Interstitial Cell, Adenoma			X	X	X	X		X	X	X			X	X	X	X		X	X	X	X		X	X	X	37
Interstitial Cell, Adenoma	X	X					X					X														8

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear	X			X			X				X							X						X		12
Lymphoma Malignant																										1
Lymph Node	+			+			+	+			+	+					+		+	+				+		15
Lymphoma Malignant																										1
Axillary, Leukemia Mononuclear											X															2
Deep Cervical, Leukemia Mononuclear																										1
Mediastinal, Leukemia Mononuclear	X			X			X	X			X							X					X			8
Pancreatic, Leukemia Mononuclear	X							X			X							X					X			7
Pancreatic, Lymphoma Malignant																										1
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leukemia Mononuclear	X			X			X	X			X							X		X			X			13

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TDMS No. 99027 - 03
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 Species/Strain: RATS/F 344

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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		
		7	7	6	7	7	7	7	7	6	7	6	7	7	7	7	7	6	7	4	7	7	7	7	7	6	
		3	3	3	3	3	0	3	3	1	2	9	2	3	3	3	3	9	3	7	2	2	2	2	2	9	
		0	0	8	1	1	4	1	1	8	9	0	9	1	1	1	0	8	0	2	9	9	9	9	9	6	
FISCHER 344 RATS MALE 10000 PPM		.....																									
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2		
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	males (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																								
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																								
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																								
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma																								
Hepatocellular Adenoma, Multiple																								
Leukemia Mononuclear			X	X			X	X			X	X						X		X		X		X
Mesentery											+							+				+		

* .. 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

		0	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		7	7	6	7	7	7	7	6	7	6	7	7	7	7	7	6	7	4	7	7	7	7	7	6	
		3	3	3	3	3	0	3	3	1	2	9	2	3	3	3	3	9	3	7	2	2	2	2	9	
		0	0	8	1	1	4	1	1	8	9	0	9	1	1	1	0	8	0	2	9	9	9	9	6	
FISCHER 344 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		
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		
10000 PPM		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2		
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3		
		males (cont...)																								
Leukemia Mononuclear		X																								
Mesothelioma Benign																										
Mesothelioma Malignant		X																								
Oral Mucosa																										
Squamous Cell Carcinoma																										
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia Mononuclear		X																								
Acinus, Adenoma																										
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia Mononuclear		X																								
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia Mononuclear																										
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Leukemia Mononuclear																										

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear		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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

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	
		7	7	6	7	7	7	7	6	7	6	7	7	7	7	7	6	7	4	7	7	7	7	7	6	
		3	3	3	3	3	0	3	3	1	2	9	2	3	3	3	3	9	3	7	2	2	2	2	9	
		0	0	8	1	1	4	1	1	8	9	0	9	1	1	1	0	8	0	2	9	9	9	9	6	
FISCHER 344 RATS MALE 10000 PPM																										
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	
ANIMAL ID		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
		males (cont...)																								

Schwannoma Malignant

X

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Adenoma

X

Leukemia Mononuclear

X X X X X X X X X

Adrenal Medulla

+ +

Leukemia Mononuclear

X X X X X X X X X

Pheochromocytoma Benign

X X X X X X X X X

Pheochromocytoma Malignant

X X X X X X X X X

Bilateral, Pheochromocytoma Benign

X

Islets, Pancreatic

+ +

Adenoma

Carcinoma

Parathyroid Gland

+ M + + + +

Pituitary Gland

+ +

Leukemia Mononuclear

X X X X X X X X X

Pars Distalis, Adenoma

X X X X X X X X X

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

M .. Missing tissue
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TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

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CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | |
|------------------------------------|--|-----------------|
| DAY ON TEST | | 0 | 0 |
| | | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 6 |
| | | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 1 | 2 | 9 | 2 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 2 | 2 | 2 | 2 | 2 | 9 |
| | | 0 | 0 | 8 | 1 | 1 | 4 | 1 | 1 | 8 | 9 | 0 | 9 | 1 | 1 | 1 | 0 | 8 | 0 | 2 | 9 | 9 | 9 | 9 | 9 | 6 |
| FISCHER 344 RATS MALE
10000 PPM | | |
| | | |
| | | |
| | | |
| | | |
| ANIMAL ID | | 0 | 0 |
| | | 0 | 0 |
| | | 1 | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | males (cont...) | |
| Thyroid Gland | | + | + | |
| C-cell, Adenoma | | |
| C-cell, Carcinoma | | X |

GENERAL BODY SYSTEM

| | |
|----------------------|---|
| Tissue NOS | + |
| Hemangiosarcoma | |
| Leukemia Mononuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |

GENITAL SYSTEM

| | | |
|----------------------|--|---|
| Epididymis | | + |
| Leukemia Mononuclear | | |
| Mesothelioma Benign | | |
| Preputial Gland | | + |
| Adenoma | | X | X | | | | | | | | | | | | X | | | | | | | X | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Prostate | | + |
| Leukemia Mononuclear | | | X | | | X | | | X | | | X | | | | | | | | | | | | | |
| Seminal Vesicle | | + |

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+ .. Tissue examined microscopically

x .. Lesion present

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TDMS No. 99027 - 03
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Route: DOSED FEED
Species/Strain: RATS/F 344

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Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| DAY ON TEST | | 0 | | | | |
|---------------------------------------|--|--|--|--|
| | | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 6 | | | | |
| FISCHER 344 RATS MALE
10000 PPM | | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 1 | 2 | 9 | 2 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 2 | 2 | 2 | 2 | 9 | | | | |
| | | 0 | 0 | 8 | 1 | 1 | 4 | 1 | 1 | 8 | 9 | 0 | 9 | 1 | 1 | 1 | 1 | 0 | 8 | 0 | 2 | 9 | 9 | 9 | 9 | 6 | | | |
| ANIMAL ID | | 0 | | | | |
| | | 0 | | | | |
| | | 1 | | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | |
| Leukemia Mononuclear | | X | | | | | X | | | | | X | | | | | | | | | | | | | | | | | |
| Testes | | + | | | | |
| Leukemia Mononuclear | | | | |
| Schwannoma Malignant | | | | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Bilateral, Interstitial Cell, Adenoma | | X | X | | X | | X | | X | | X | | X | | X | X | X | X | | | X | X | X | | | | | | |
| Interstitial Cell, Adenoma | | | | X | | X | | X | | X | | | X | | X | | | | X | | | | X | | | | | | |

males
(cont...)

HEMATOPOIETIC SYSTEM

| |
|-------------------------------------|
| Bone Marrow | + |
| Leukemia Mononuclear | X | X | | | | X | X | | X | | X | X | | | | | X | | X | | X | | | X |
| Lymph Node | | | + | | | + | | | + | | + | + | | | + | + | + | | | | + | | | + |
| Deep Cervical, Leukemia Mononuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | |
| Mediastinal, Leukemia Mononuclear | | | | | | X | | | X | | X | | | | | | | | | | | | | |
| Pancreatic, Leukemia Mononuclear | | | X | | | | | | X | | X | X | | | | | | | | | X | | | X |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Lymph Node, Mesenteric | + |
| Leukemia Mononuclear | X | X | | | | X | X | | X | | | X | | | | | X | | | | X | | | X |
| Spleen | + |

* .. 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | | | |
|------------------------------------|--|-------------|--|---|
| FISCHER 344 RATS MALE
10000 PPM | | DAY ON TEST | | 0 |
|------------------------------------|--|-------------|--|---|

INTEGUMENTARY SYSTEM

| |
|------------------------------|
| Mammary Gland | + |
| Carcinoma |
| Fibroadenoma |
| Skin | + |
| Keratoacanthoma | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Osteosarcoma |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Subcutaneous Tissue, Lipoma | |

MUSCULOSKELETAL SYSTEM

| |
|------|
| Bone | + |
|------|

NERVOUS 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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TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| DAY ON TEST | | 0 |
|---|--|---|
| | | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 6 |
| | | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 1 | 2 | 9 | 2 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 2 | 2 | 2 | 2 | 9 |
| | | 0 | 0 | 8 | 1 | 1 | 4 | 1 | 1 | 8 | 9 | 0 | 9 | 1 | 1 | 1 | 0 | 8 | 0 | 2 | 9 | 9 | 9 | 9 | 6 |
| | | |
| FISCHER 344 RATS MALE
10000 PPM
ANIMAL ID | | 0 |
| | | 0 |
| | | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |
| males (cont...) | | |

| |
|----------------------|
| Brain | + |
| Leukemia Mononuclear | | X | | | | | | | X | | | | | | | | | | | | | | | | X |
| Peripheral Nerve | + |
| Spinal Cord | + |

RESPIRATORY SYSTEM

| |
|--------------------------------|
| Lung | + |
| Alveolar/Bronchiolar Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | X | X | | | X | X | | X | | X | X | | | | | X | | | | X | | | | X |
| Nose | + |
| Leukemia Mononuclear | | | X | |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----|
| Eye | + |
|-----|

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l .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

TDMS No. 99027 - 03
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Lab: SRI

| | | | |
|---|--|--------------------|---|
| DAY ON TEST | | 0 | males
(cont...) | |
| | | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 6 | | |
| | | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 1 | 2 | 9 | 2 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 2 | 2 | 2 | 2 | 2 | | 9 |
| | | 0 | 0 | 8 | 1 | 1 | 4 | 1 | 1 | 8 | 9 | 0 | 9 | 1 | 1 | 1 | 0 | 8 | 0 | 2 | 9 | 9 | 9 | 9 | 9 | | 6 |
| FISCHER 344 RATS MALE
10000 PPM
ANIMAL ID | | 0 | | |
| | | 0 | | |
| | | 1 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Harderian Gland | | + | | | |

URINARY SYSTEM

| |
|-------------------------|
| Kidney | + |
| Leukemia Mononuclear | | X | X | | | | | | X | | | X | | | | | | | | | X | | | | X |
| Renal Tubule, Carcinoma | |
| Urethra | | | | | | | | | | | + | | | | | | | | | | | | | | |
| Urinary Bladder | + |
| Leukemia Mononuclear | | X | X | | | | | | | | | X | | | | | | | | | | | | | |

SYSTEMIC LESIONS

| |
|------------------------|
| Multiple Organ | + |
| Leukemia Mononuclear | | X | X | | | X | X | | X | | X | X | | | | | X | | X | | X | | | | X |
| Mesothelioma Benign |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | | | X | | | | | | |

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+ .. Tissue examined microscopically

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Date Report Requested: 03/16/2007
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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

CARDIOVASCULAR SYSTEM

| | |
|----------------------|-----------|
| Heart | + | 50 |
| Leukemia Mononuclear | | | | | | | | | X | | | | | | | X | X | | | X | | | | 12 |

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

Date Report Requested: 03/16/2007
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Lab: SRI

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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

Page 50

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
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TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | |
|------------------------------------|-------------|-----------------|
| FISCHER 344 RATS MALE
50000 PPM | DAY ON TEST | 0 | 0 | | |
| | | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | | |
| | | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | 1 | |
| | | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | 5 | |
| | | |
| FISCHER 344 RATS MALE
50000 PPM | ANIMAL ID | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 1 | 1 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | males (cont...) | |

ALIMENTARY SYSTEM

| |
|----------------------------------|
| Esophagus | I | + |
| Intestine Large, Cecum | + |
| Lymphoma Malignant |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + |
| Lymphoma Malignant |
| Intestine Small, Ileum | + | + | + | + | M | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + |
| Liver | + |
| Hepatocellular Adenoma |
| Hepatocellular Adenoma, Multiple |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Leukemia Mononuclear | | | | | X | | | | | | | | | | | | X | | | | | | X | X | X |
| Lymphoma Malignant |

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+ .. Tissue examined microscopically

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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | |
|---|--|--------------------|
| DAY ON TEST | | 0 | 0 | | |
| | | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | | |
| | | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | 1 | |
| | | 6 | 8 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | 2 | 5 |
| FISCHER 344 RATS MALE
ANIMAL ID
50000 PPM | | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 1 | 1 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| | | males
(cont...) | |

| |
|------------------------|
| Mesentery | + | | | | | | | + | | + | | | | | + | | | | | | | | | | | |
| Lymphoma Malignant |
| Mesothelioma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Pancreas | + |
| Leukemia Mononuclear | | | X | | | | | | | | | | | | | X | | | | | | | | X | | |
| Lymphoma Malignant |
| Acinus, Adenoma |
| Salivary Glands | + |
| Lymphoma Malignant |
| Schwannoma Malignant | X | |
| Stomach, Forestomach | + |
| Leukemia Mononuclear | | | X | |
| Stomach, Glandular | + |
| Leukemia Mononuclear | | | X | |
| Tongue |

CARDIOVASCULAR 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | |
|------------------------------------|-------------|--------------------|
| FISCHER 344 RATS MALE
50000 PPM | DAY ON TEST | 0
6
4
6 | 0
5
2
8 | 0
7
3
1 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
7
3
0 | 0
7
3
0 | 0
6
8
2 | 0
6
2
2 | 0
7
2
9 | 0
7
3
9 | 0
7
3
0 | 0
7
3
0 | 0
3
6
0 | 0
7
2
9 | 0
6
7
6 | 0
7
2
9 | 0
6
9
8 | 0
7
2
9 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
7
1
5 | males
(cont...) |
| | ANIMAL ID | 0
0
1
5
1 | 0
0
1
5
2 | 0
0
1
5
3 | 0
0
1
5
4 | 0
0
1
5
5 | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
5
9 | 0
0
1
6
0 | 0
0
1
6
1 | 0
0
1
6
2 | 0
0
1
6
3 | 0
0
1
6
4 | 0
0
1
6
5 | 0
0
1
6
6 | 0
0
1
6
7 | 0
0
1
6
8 | 0
0
1
6
9 | 0
0
1
7
0 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
5 | |
| | | |
| | | |
| | | |

Blood Vessel

+

Heart

+ +

Histiocytic Sarcoma

X

Leukemia Mononuclear

X

X

X

X

Schwannoma Malignant

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Adenoma

X

Leukemia Mononuclear

X

X

X

Adrenal Medulla

+ +

Leukemia Mononuclear

X

X

X

Pheochromocytoma Benign

X

X

X

X

Islets, Pancreatic

+ +

Adenoma

X

X

Parathyroid Gland

+ + + + + + + + + + + + + + M + + + + + M + + + +

Pituitary Gland

+ +

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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | | |
|---|--|-----------------|--|
| DAY ON TEST | | 0 | 0 | | |
| | | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | 3 | 1 | |
| | | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | 2 | 5 | |
| | | | |
| FISCHER 344 RATS MALE
ANIMAL ID
50000 PPM | | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 1 | 1 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| | | males (cont...) | |

Lymphoma Malignant
Pars Distalis, Adenoma

X X X X X X X X

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

+
X
X

GENERAL BODY SYSTEM

Tissue NOS
Lymphoma Malignant

GENITAL SYSTEM

Epididymis
Lymphoma Malignant

+ +

Preputial Gland
Adenoma

+
X X

Prostate
Leukemia Mononuclear
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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| FISCHER 344 RATS MALE
50000 PPM | | DAY ON TEST | 0 | 0 | | |
|---------------------------------------|--|-------------|-----------------|
| | | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | 1 | |
| | | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | 2 | 5 | |
| | | ANIMAL ID | 0 | 0 | | |
| | | | 0 | 0 | | |
| | | | 1 | 1 | | |
| | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | | males (cont...) | |
| Seminal Vesicle | | | + | + | | |
| Leukemia Mononuclear | | | | | X | |
| Lymphoma Malignant | | | |
| Testes | | | + | + | | |
| Leukemia Mononuclear | | | | | X | |
| 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 | | X | | X | | | | | | |

males
(cont...)

HEMATOPOIETIC SYSTEM

| | |
|---|---|
| Bone Marrow | + |
| Histiocytic Sarcoma |
| Leukemia Mononuclear | | | X | | | | | | | | | | | | X | | | | | | | | X | X | |
| Lymphoma Malignant |
| Lymph Node | + | | + | | | + | | | | | | | | | | + | + | + | + | | | | | + | |
| Axillary, Carcinoma, Metastatic, Thyroid Gland |
| Axillary, Leukemia Mononuclear | | | X | |
| Deep Cervical, Leukemia Mononuclear | | | X | |
| Deep Cervical, Lymphoma Malignant |
| Mediastinal, Carcinoma, Metastatic, Thyroid Gland | | | | | | 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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| 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 |
|------------------------------------|
| | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| FISCHER 344 RATS MALE
50000 PPM | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | 3 | 1 |
| | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | 2 | 5 |
| ANIMAL ID | 0 |
| | 0 |
| males
(cont...) | 1 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Mediastinal, Histiocytic Sarcoma | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| |
| Mediastinal, Leukemia Mononuclear | | | | X | |
| Mediastinal, Lymphoma Malignant |
| Pancreatic, Histiocytic Sarcoma |
| Pancreatic, Leukemia Mononuclear | | | | X | | | | | | | | | | | | X | | | | | | | X | | |
| Pancreatic, Lymphoma Malignant |
| Lymph Node, Mandibular | M | + | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Leukemia Mononuclear |
| Lymph Node, Mesenteric | + |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | X | | | | | | | X | X | X |
| Lymphoma Malignant |
| Spleen | + |
| Histiocytic Sarcoma |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | X | | X | | | | | X | X | X |
| Lymphoma Malignant |
| Thymus | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | | |
|---|--|--------------------|---|
| DAY ON TEST | | 0 | | |
| | | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | | 1 |
| | | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | | 2 |
| FISCHER 344 RATS MALE
ANIMAL ID
50000 PPM | | 0 | males
(cont...) | |
| | | 0 | | |
| | | 1 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | | 4 |

males
(cont...)

INTEGUMENTARY SYSTEM

| |
|------------------------------|
| Mammary Gland | + |
| Fibroadenoma | | | | | | | | | | | | | X | | | | | | | | | | | |
| Skin | + |
| Basal Cell Adenoma | | | | | | | X | | | | | | | | | | | X | | | | | | |
| Hemangiopericytoma | | | | | | | | | | X | | | | | | | | | | | | | | |
| Histiocytic Sarcoma |
| Keratoacanthoma |
| Leukemia Mononuclear | | | | X | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | X | | | | | |

MUSCULOSKELETAL SYSTEM

| |
|----------------------|
| Bone | + |
| Skeletal Muscle | | + | | | | | | | | | | | + | | | | | | | | | | | |
| Hemangioma | | | | | | | | | | | | | X | | | | | | | | | | | |
| Leukemia Mononuclear | |

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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | 0 | |
|---|--|--------------------|
| DAY ON TEST | | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | 3 | 1 | | |
| | | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | 2 | 5 | | |
| | | |
| FISCHER 344 RATS MALE | | 0 | | |
| 50000 PPM | | 0 | | |
| ANIMAL ID | | 1 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | males
(cont...) |
| Brain | | + | | |
| Granular Cell Tumor Benign |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | |
| Leukemia Mononuclear | | | | | X | | | | | | | | | | | X | | | | | | | | | | | |
| Lymphoma Malignant | | |
| Peripheral Nerve | | | + | |
| Spinal Cord | | | + | |
| RESPIRATORY SYSTEM | | |
| Lung | | + | | |
| Alveolar/Bronchiolar Adenoma | | | | | | X | |
| Carcinoma, Metastatic, Thyroid Gland | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | X | | | | | | | | | | | X | | | | | | | X | X | X | | |
| Lymphoma Malignant | | |
| Schwannoma Malignant, Metastatic, Salivary Glands | | X | |
| Nose | | + | | |
| 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. 99027 - 03
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Route: DOSED FEED
Species/Strain: RATS/F 344

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CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | | |
|---|--|--------------------|---|
| DAY ON TEST | | 0 | males
(cont...) | |
| | | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | | |
| | | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 3 | 3 | 3 | 6 | 2 | 7 | 2 | 9 | 2 | 3 | 3 | | 1 |
| | | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 6 | 9 | 8 | 9 | 2 | 2 | | 2 |
| FISCHER 344 RATS MALE
ANIMAL ID
50000 PPM | | 0 | males
(cont...) | |
| | | 0 | | 0 |
| | | 1 | | 1 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | 7 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | | 4 |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| |
|----------------------|
| Kidney | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | X | | | | | | | X | X | |
| Lipoma | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Lymphoma Malignant |
| Urinary Bladder | + |
| Leukemia Mononuclear | | | | X | | | | | | | | | | | | | | | | | | | | X | |
| Lymphoma Malignant |

SYSTEMIC LESIONS

| |
|---------------------|
| Multiple Organ | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | 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

Date Report Requested: 03/16/2007
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Lab: SRI

TDMS No. 99027 - 03
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 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | 0 | | | | | | |
|------------------------|--|----|---|---|--|--|--|---|
| DAY ON TEST | | 6 | 7 | 7 | 5 | 5 | 6 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | | | | | | |
| | | 7 | 3 | 3 | 0 | 3 | 2 | 2 | 2 | 3 | 0 | 9 | 7 | 3 | 3 | 2 | 2 | 6 | 8 | 2 | 0 | 6 | 0 | 3 | 3 | | | | | | |
| | | 6 | 2 | 1 | 9 | 9 | 8 | 5 | 8 | 3 | 1 | 8 | 6 | 0 | 0 | 9 | 9 | 2 | 2 | 9 | 8 | 5 | 5 | 3 | 2 | | | | | | |
| | | | | | | | | |
| FISCHER 344 RATS MALE | | 0 | | | | | | | |
| ANIMAL ID | | 0 | | | | | | | |
| 50000 PPM | | 1 | 2 | | | | | | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | | | | | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Mesentery | | | | | | | | | | | | + | + | | | | | | | | | | | 9 | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | | 2 | | | | |
| | | | | | | | | |
| Pancreas |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | |
| Leukemia Mononuclear | | | | | | X | X | | | | | | | | | | | | | | | X | | | | | 6 | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | | | | |
| Acinus, Adenoma | | | X | | | | | 1 |
| | | | | | | | | |
| Salivary Glands |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | | | | |
| Schwannoma Malignant | | | 1 | | | | | |
| | | | | | | | | |
| Stomach, Forestomach |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | |
| Leukemia Mononuclear | | | X | | | | | 2 |
| | | | | | | | | |
| Stomach, Glandular |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | |
| Leukemia Mononuclear | | | X | | | | | 2 |
| | | | | | | | | |
| Tongue | | | | | | | | | | | | | | | | | | | + | | | | | | | | 1 | | | | |

CARDIOVASCULAR 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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SR|

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

Species/Strain: RATS/F 344

CAS Number: 27882-76-4

Lab: SRI

*** END OF MALE DATA ***

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TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| DAY ON TEST | 0 |
|----------------------------------|
| | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 6 | 7 |
| FISCHER 344 RATS FEMALE
0 PPM | 7 | 3 | 3 | 2 | 3 | 3 | 3 | 5 | 0 | 3 | 8 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 6 | 3 | 1 | 3 | 4 | 3 |
| | 9 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 4 | 6 | 6 | 7 | 7 | 7 | 7 | 1 | 7 | 5 | 7 | 6 | 6 | 0 | 6 | 7 | 6 |
| ANIMAL ID | 0 |
| | 0 |
| | 2 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females
(cont...)

ALIMENTARY SYSTEM

| |
|---------------------------------------|
| Esophagus | + |
| Intestine Large, Cecum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + |
| Intestine Small, Jejunum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + |
| Liver | + |
| Hepatocellular Adenoma | | | | | X | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | X | | X | | | | X | X |
| Mesentery | | | | | | | | | | | + | + | + | | | + | + | | | + | | + | | + |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + |
| Histiocytic Sarcoma, Metastatic, Skin | | | | X | |
| 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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

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

CARDIOVASCULAR SYSTEM

| |
|---------------------------------------|
| Heart | + |
| Histiocytic Sarcoma, Metastatic, Skin | | | X | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | X | | X | | | | | | | |

ENDOCRINE SYSTEM

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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | FISCHER 344 RATS FEMALE | females
(cont...) |
|---------------------------------------|--|---|----------------------|
| | | 0 PPM | |
| | | ANIMAL ID | |
| | | DAY ON TEST | |
| | | 0 | 0 | |
| | | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 6 | 7 | | |
| | | 7 | 3 | 3 | 2 | 3 | 3 | 3 | 5 | 0 | 3 | 8 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 6 | 3 | 1 | 3 | 4 | 3 | |
| | | 9 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 4 | 6 | 6 | 7 | 7 | 7 | 7 | 1 | 7 | 5 | 7 | 6 | 6 | 0 | 6 | 7 | 6 | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Adenoma | | X | |
| Ovary | | + | |
| Granulosa-Theca Tumor Benign | | | |
| Histiocytic Sarcoma, Metastatic, Skin | | X | |
| Leukemia Mononuclear | | | |
| Uterus | | + | |
| Polyp Stromal | | X X X X | |
| Vagina | | + + + + | |

HEMATOPOIETIC SYSTEM

| Bone Marrow | | + |
|---|--|---|
| Histiocytic Sarcoma, Metastatic, Skin | | |
| Leukemia Mononuclear | | |
| Lymph Node | | |
| Mediastinal, Carcinoma, Metastatic, Thyroid Gland | | |
| Mediastinal, Leukemia Mononuclear | | |
| Pancreatic, 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| 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 |
|-------------------------|--|-------------------|
| | | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 6 | 7 | | |
| | | 7 | 3 | 3 | 2 | 3 | 3 | 3 | 5 | 0 | 3 | 8 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 6 | 3 | 1 | 3 | 4 | 3 | |
| | | 9 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 4 | 6 | 6 | 7 | 7 | 7 | 7 | 1 | 7 | 5 | 7 | 6 | 6 | 0 | 6 | 7 | 6 | |
| FISCHER 344 RATS FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | | 0 | |
| 0 PPM | | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | females (cont...) |
| Lymph Node, Mandibular | | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Lymph Node, Mesenteric | | + | |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | X | | X | | | | | | | | |
| Spleen | | + | |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | X | | X | | | | X | X | | | |
| Thymus | | + | + | M | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | |
| INTEGUMENTARY SYSTEM | | |
| Mammary Gland | | + | |
| Adenoma | | |
| Fibroadenoma | | X | X | | X | X | X | X | | X | X | | X | | X | X | | X | | X | X | X | | X | X | X | |
| Skin | | + | |
| Histiocytic Sarcoma | | | | X | |
| MUSCULOSKELETAL SYSTEM | | |
| Bone | | + | |

* .. 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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

NERVOUS SYSTEM

| |
|----------------------|
| Brain | + |
| Leukemia Mononuclear | |
| Peripheral Nerve |
| Spinal Cord |

RESPIRATORY SYSTEM

| | |
|---|---|
| Larynx | |
| Lung | + |
| Alveolar/Bronchiolar Adenoma |
| Histiocytic Sarcoma, Metastatic, Skin |
| Leukemia Mononuclear |
| Pheochromocytoma Malignant, Metastatic, Adrenal Medulla | |
| Nose | + |
| 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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

females
(cont...)

SPECIAL SENSES SYSTEM

| |
|-----------------|
| Eye | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Harderian Gland | + |
| Lacrima l Gland | | | | | | | | | | | + | | | | | | | + | | | | | | | |
| Zymbal's Gland | |
| Carcinoma |

URINARY SYSTEM

| |
|---------------------------------------|
| Kidney | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Histiocytic Sarcoma, Metastatic, Skin | | | | X | |
| Leukemia Mononuclear |
| Urinary Bladder | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | | | | | | |

SYSTEMIC LESIONS

| |
|---------------------|
| Multiple Organ | + |
| Histiocytic Sarcoma | | | | 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | | | |
|---|--|----------------------|---|---|
| DAY ON TEST | | 0 | females
(cont...) | | |
| | | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 6 | | 7 | |
| | | 7 | 3 | 3 | 2 | 3 | 3 | 3 | 5 | 0 | 3 | 8 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 6 | 3 | 1 | 3 | | 4 | 3 |
| | | 9 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 4 | 6 | 6 | 7 | 7 | 7 | 7 | 1 | 7 | 5 | 7 | 6 | 6 | 0 | 6 | | 7 | 6 |
| FISCHER 344 RATS FEMALE
0 PPM
ANIMAL ID | | 0 | females
(cont...) | | |
| | | 0 | | 0 | |
| | | 2 | | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | | 4 | 5 |
| Leukemia Mononuclear | | X | | | | | | | | | | X | | | X | | X | | 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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

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

ALIMENTARY SYSTEM

| | |
|---------------------------------------|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocellular Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | | 2 |
| Leukemia Mononuclear | | | | | | X | X | | | | | | | | | | X | | | X | | | | | 9 |
| Mesentery | | | | | | | | + | | | | | | | | + | | | | | | | + | | 11 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Histiocytic Sarcoma, Metastatic, Skin |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| 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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SR|

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

[illegible]

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Species/Strain: RATS/F 344

CAS Number: 27882-76-4

Lab: SRI

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Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| DAY ON TEST | | 0 | 0 |
|-------------------------------------|--|-------------------|
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 6 | 3 | 3 | 8 | 3 | 2 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 6 | 7 | 1 | 6 | 6 | 3 | 3 | 3 | 3 | 8 | 6 | 7 | 7 | 4 | 7 | 8 | 7 | 6 | 7 | 7 | 3 | 3 | 3 | 3 |
| FISCHER 344 RATS FEMALE
2000 PPM | | |
| | | 0 | 0 |
| | | 0 | 0 |
| | | 2 | 2 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| ANIMAL ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |
| | | females (cont...) | |

ALIMENTARY SYSTEM

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

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 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | |
|---|--|-------------------|
| DAY ON TEST | | 0 | 0 | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 6 | 3 | 3 | 8 | 3 | 2 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 6 | 7 | 1 | 6 | 6 | 3 | 3 | 3 | 3 | 8 | 6 | 7 | 7 | 4 | 7 | 8 | 7 | 6 | 7 | 7 | 3 | 3 | 3 | 3 | 3 |
| FISCHER 344 RATS FEMALE

2000 PPM | | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| ANIMAL ID | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |
| | | females (cont...) | |

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| |
|-------------------------|
| Adrenal Cortex | + |
| Leukemia Mononuclear | | | | | X | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | X | + | + | + | + | + |
| Leukemia Mononuclear | | | | | X | | | | | | | | X | | | | | | X | | | | | | |
| Pheochromocytoma Benign | | | | | X | | | | | | | X | | | | | | | | | | | | | |
| Islets, Pancreatic | + |

* .. 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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | 0 | 0 | |
|-------------------------|--|-------------------|--|
| DAY ON TEST | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 6 | 3 | 3 | 8 | 3 | 2 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 6 | 7 | 1 | 6 | 6 | 3 | 3 | 3 | 3 | 8 | 6 | 7 | 7 | 4 | 7 | 8 | 7 | 6 | 7 | 7 | 3 | 3 | 3 | 3 | |
| | | | |
| FISCHER 344 RATS FEMALE | | 0 | 0 | |
| ANIMAL ID | | 0 | 0 | |
| 2000 PPM | | 2 | 2 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |
| | | females (cont...) | |

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | |
|----------------------|--|---|
| Clitoral Gland | | + |
| Adenoma | | | | | X | | | | | | X | | | | | | | | | | | | | | | |
| 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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| DAY ON TEST | 0 |
|--|---|
| | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| FISCHER 344 RATS FEMALE
2000 PPM
ANIMAL ID | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 6 | 3 | 3 | 8 | 3 | 2 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 6 | 7 | 1 | 6 | 6 | 3 | 3 | 3 | 3 | 8 | 6 | 7 | 7 | 4 | 7 | 8 | 7 | 6 | 7 | 7 | 3 | 3 | 3 | 3 | 3 |
| females
(cont...) | 0 |
| | 0 |
| | 2 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Ovary | + |
| Granulosa Cell Tumor Malignant |
| Leukemia Mononuclear | | | | | X | | | | | | | | | X | | | | | | | | | | | |
| Uterus | + |
| Polyp Stromal | | | | | | X | X | | | | | | X | X | | | | | | | | | | | |
| Vagina | | | | | | | | | | + | | | | | + | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| |
|-----------------------------------|
| Bone Marrow | + |
| Leukemia Mononuclear | | | | | X | | | | | X | | | | X | | | | | | X | | | | | |
| Lymph Node | | | | | + | | | | | + | | | | | | | | + | | + | | | | | |
| Mediastinal, Leukemia Mononuclear | | | | | X | |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | X | | | | | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Lymph Node, Mesenteric | + |
| Leukemia Mononuclear | | | | | X | | | | | X | | | | X | | | | | | X | | | | | |
| Spleen | + |
| 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | | | |
|-------------------------------------|--|-------|----------------------|---|
| DAY ON TEST | | 0 | 0 | | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 9 | 6 | 3 | 3 | 8 | 3 | 2 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 6 | 7 | 1 | 6 | 6 | 3 | 3 | 3 | 8 | 6 | 7 | 7 | 4 | 7 | 8 | 7 | 6 | 7 | 7 | 3 | 3 | 3 | 3 | | |
| FISCHER 344 RATS FEMALE
2000 PPM | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| ANIMAL ID | | 0 | 0 | females
(cont...) | |
| | | 0 | 0 | | |
| | | 2 | 2 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females
(cont...)

Thymus
Leukemia Mononuclear

+ + + + + + + + + + + + + + + M + + M + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland
Adenoma
Fibroadenoma
Fibroadenoma, Multiple

+ + + + + + + + + + + + + + + + + I + + + + + +
X X X X X X X X X X X X X X X X X X X X

Skin
Basal Cell Adenoma
Keratoacanthoma
Leukemia Mononuclear
Subcutaneous Tissue, Fibroma

+
X
X

MUSCULOSKELETAL SYSTEM

Bone

+ +

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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| 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 |
|------------------------------|--|-------------------|
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 4 | 0 | 3 | 3 | 3 | 3 | 3 | 9 | 6 | 3 | 3 | 8 | 3 | 2 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 6 | 7 | 1 | 6 | 6 | 3 | 3 | 3 | 8 | 6 | 7 | 7 | 4 | 7 | 8 | 7 | 6 | 7 | 7 | 3 | 3 | 3 | 3 | 3 | 3 |
| FISCHER 344 RATS FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2000 PPM | | 0 | 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 |  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | females (cont...) | |
| Brain | | + | + |
| Leukemia Mononuclear | | | | | | X | | | | | | | | X | | | | | | | | | | | | |
| Peripheral Nerve | | |
| Spinal Cord | | |
| RESPIRATORY SYSTEM | | |
| Lung | | + | + |
| Alveolar/Bronchiolar Adenoma | | |
| Leukemia Mononuclear | | | | | | X | | | | X | | | | X | | | | | | X | | | | | | |
| Nose | | + | + |
| Trachea | | + | + |
| SPECIAL SENSES SYSTEM | | |
| Eye | | + | + |
| Harderian Gland | | + | + |
| Lacrimal 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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| DAY ON TEST | | 0 | 0 | |
|-------------------------------------|--|----------|
| | | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 7 | |
| | | 4 | 3 | 3 | 3 | 5 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 6 | 4 | 3 | 6 | 3 |
| | | 6 | 6 | 6 | 6 | 2 | 6 | 6 | 0 | 6 | 6 | 6 | 6 | 6 | 8 | 6 | 7 | 3 | 3 | 3 | 3 | 6 | 7 | 7 | 6 | 7 |
| | | |
| FISCHER 344 RATS FEMALE
2000 PPM | | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | 3 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | * TOTALS | |

| | |
|----------------------------|----|
| Adenoma | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Parathyroid Gland | + | M | + | + | 49 |
| Adenoma | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | |
| Pituitary Gland | + | 50 |
| Carcinoma | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | |
| Leukemia Mononuclear | | | | | | X | X | | | | | | | | | | | | | | | | | | 4 | |
| Pars Distalis, Adenoma | X | | | X | | | | X | | | | | X | | | X | | | X | | | X | | | X | 22 |
| Thyroid Gland | + | 50 |
| C-cell, Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | | 4 | |
| C-cell, Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Follicular Cell, Carcinoma | | | | | | X | | | | | | | | | | | | | | | | | | | 1 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|----------------------|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| 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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

TDMS No. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| DAY ON TEST | 0 |
|--|---|
| | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 7 | 6 | 7 |
| FISCHER 344 RATS FEMALE
2000 PPM
ANIMAL ID | 0 |
| | 0 |
| | 2 | 3 | 3 |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 |
| * TOTALS | |

| | |
|----------------------|----|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Leukemia Mononuclear | | | | | | X | X | | | | | | | | | | | | | | | | | | | 2 |

INTEGUMENTARY SYSTEM

| | |
|------------------------------|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | | | 1 |
| Fibroadenoma | X | | | X | | X | | | X | X | | X | X | | X | X | | X | X | | X | X | X | X | X | 29 |
| Fibroadenoma, Multiple |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basal Cell Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Keratoacanthoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 2 |
| Leukemia Mononuclear | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Fibroma | | | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |

MUSCULOSKELETAL SYSTEM

| | |
|------|----|
| Bone | + | 50 |
|------|----|

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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

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

Date Report Requested: 03/16/2007
Time Report Requested: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | | |
|--------------------------------------|--|-------|----------------------|
| DAY ON TEST | | 0 | 0 | | |
| | | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 6 | 7 | 7 | 7 | | 7 |
| | | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 6 | 3 | 3 | 3 | | 3 |
| | | 0 | 6 | 6 | 6 | 6 | 4 | 3 | 6 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 2 | 4 | 9 | 7 | 7 | | 7 |
| FISCHER 344 RATS FEMALE
10000 PPM | | | | females
(cont...) |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 3 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

ALIMENTARY SYSTEM

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

* .. 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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

|  |  | 0 | 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 | | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 6 | 7 | 7 | 7 | 7 |
| | | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 6 | 3 | 3 | 3 | 3 |
| | | 0 | 6 | 6 | 6 | 6 | 4 | 3 | 6 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 2 | 4 | 9 | 7 | 7 | 7 |
| | | |
| FISCHER 344 RATS FEMALE
10000 PPM | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
|  |  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | females (cont...) | |
| Adrenal Cortex | | + | + |
| Adenoma | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Leukemia Mononuclear | | | | | | X | | X | | | X | | | X | | X | | | | | | | | | |
| | | |
| Adrenal Medulla | | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Pheochromocytoma Benign | | | | | | X | | | | | | X | | | | | | | | | | | | | |
| | | |
| Islets, Pancreatic | | + | + |
| | | |
| Parathyroid Gland | | + | + |
| | | |
| Pituitary Gland | | + | + |
| Leukemia Mononuclear | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Pars Distalis, Adenoma | | X | | X | | | X | | | X | | X | | | | | | X | X | X | | X | | | X |
| Pars Distalis, Carcinoma | | |
| | | |
| Thyroid Gland | | + | + |
| C-cell, Adenoma | | X | | | | | | | | | | | | | X | | | | | | | | | | |

GENERAL BODY SYSTEM
 NONE

GENITAL 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

Species/Strain: RATS/F 344

CAS Number: 27882-76-4

Lab: SRI

10000 PPM

**females
(cont...)**

[illegible]

| |
|-----------------------------------|
| Bone Marrow | + |
| Leukemia Mononuclear | | | | | | X | | | | X | | | X | | X | | | | | | | | |
| Lymph Node | | | | + | | + | | + | | | | + | | + | | | | | | | | | |
| Axillary, Leukemia Mononuclear | | | | | | | | | | | | | X | | | | | | | | | | |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | X | | X | | | | | | | | |

Page 107

TDMS No. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Reqsted: 03/16/2007
 Time Report Reqsted: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | DAY ON TEST | | | |
|----------------------------------|--|-------------|--|--|--|
| | | 0 | 0 | | | |
| | | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | | | |
| | | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 6 | 3 | 3 | 3 | 3 | | | |
| | | 0 | 6 | 6 | 6 | 6 | 4 | 3 | 6 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 2 | 4 | 9 | 7 | 7 | 7 | | | |
| | | | | | |
| FISCHER 344 RATS FEMALE | | 0 | 0 | | | |
| ANIMAL ID | | 0 | 0 | | | |
| 10000 PPM | | 3 | 3 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | | | |
| | | | | | |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | X | | X | | X | | | | | | | | | | | | |
| Pancreatic, Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | + | M | M | M | M | | | |
| Lymph Node, Mesenteric | | + | + | | | |
| Leukemia Mononuclear | | | | | | | X | X | | | | | | | X | X | | X | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Spleen | | + | + | | | |
| Leukemia Mononuclear | | | | | | | X | X | | | | | | | X | X | | X | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Thymus | | + | + | | | |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | X | | | | | | | | | | | |

females (cont...)

INTEGUMENTARY SYSTEM

| |
|---------------|
| Mammary Gland | + |
| Adenoma |
| Carcinoma |
| Fibroadenoma | X | X | X | X | | X | X | | X | | | X | X | | | X | X | | | X | X | X | X | X | X | X |
| Fibrosarcoma | |

* .. 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

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Lab: SRI

| | |
|---|---|
| DAY ON TEST | 0 |
| | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | 7 |
| | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 6 | 3 | 3 | 3 | 3 | 3 |
| | 0 | 6 | 6 | 6 | 6 | 4 | 3 | 6 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 2 | 4 | 9 | 7 | 7 | 7 | 7 |
| | |
| FISCHER 344 RATS FEMALE
10000 PPM
ANIMAL ID | 0 |
| | 0 |
| | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| females (cont...) |

| |
|------------------------------|
| Skin | + |
| Basal Cell Adenoma |
| Keratoacanthoma |
| Leukemia Mononuclear | | | | | | | | X | | | | | | X | | | | | | | | | | | |
| Subcutaneous Tissue, Fibroma | |

MUSCULOSKELETAL SYSTEM

| |
|------|
| Bone | + |
|------|

NERVOUS SYSTEM

| |
|-----------------------------|
| Brain | + |
| Granular Cell Tumor Benign |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | |
| Leukemia Mononuclear | | | | | | | | | | X | | | X | | | | | | | | | | | | |
| Oligodendroglioma Malignant | | | | | | | | | | | | | | | | | | | | X | | | | | |
| Peripheral Nerve | | | | | | | | | | + | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | + | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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| DAY ON TEST | | 0 | | |
|--------------------------------------|--|----------------------|
| | | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 6 | 7 | 7 | 7 | 7 | |
| | | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 6 | 3 | 3 | 3 | 3 | |
| | | 0 | 6 | 6 | 6 | 6 | 4 | 3 | 6 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 2 | 4 | 9 | 7 | 7 | 7 | 7 | |
| FISCHER 344 RATS FEMALE
10000 PPM | | |
| | | 0 | |
| | | 0 | |
| | | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | females
(cont...) |

| |
|--------------------------------|
| Lung | + |
| Alveolar/Bronchiolar Carcinoma | |
| Leukemia Mononuclear | | | | | X | | X | | | | X | | | X | | X | | | | | | | | |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| |
|----------------------|
| Kidney | + |
| Leukemia Mononuclear | | | | | | | X | | | | X | | | X | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + |

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 + .. Tissue examined microscopically
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 Lab: SRI

| DAY ON TEST | | 0 | 0 |
|-------------------------|--|-------------------|
| | | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 6 | 7 | 7 | 7 | 7 |
| | | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 6 | 3 | 3 | 3 | 3 |
| | | 0 | 6 | 6 | 6 | 6 | 4 | 3 | 6 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 2 | 4 | 9 | 7 | 7 | 7 |
| FISCHER 344 RATS FEMALE | | 0 | 0 |
| ANIMAL ID | | 0 | 0 |
| 10000 PPM | | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |
| | | females (cont...) | |

Leukemia Mononuclear X

SYSTEMIC LESIONS

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

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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| DAY ON TEST | | 0 | 0 |
|--|--|----------|
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 |
| | | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 5 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 6 | 3 | 3 |
| | | 6 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 4 | 6 | 6 | 3 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 9 | 6 | 6 |
| | | |
| FISCHER 344 RATS FEMALE

10000 PPM | | 0 | 0 |
| | | 0 | 0 |
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | * TOTALS | |

ALIMENTARY SYSTEM

| | |
|---------------------------|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Schwannoma Malignant | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocellular Adenoma | X | 1 |
| Leukemia Mononuclear | | | | | | X | | | X | X | | | X | | | X | | X | X | | X | X | | X | 14 |
| Lymphoma Malignant | 1 |
| Mesentery | | + | | | | | | | | | | | + | | | | | | | | | | | | 7 |

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Lab: SRI

| DAY ON TEST | 0 |
|---|----|
| | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 |
| FISCHER 344 RATS FEMALE
10000 PPM
ANIMAL ID | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 5 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 6 | 3 | 3 | 3 | 6 |
| | 6 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 4 | 6 | 6 | 3 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 9 | 6 | 6 | 6 | 9 |
| FISCHER 344 RATS FEMALE
10000 PPM
ANIMAL ID | 0 |
| | 0 |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| * TOTALS | |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | X | | X | | X | | | 6 |
| Pancreatic, Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear | | | | | | | | | X | X | | | X | | | X | | X | | | X | | | | 11 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear | | | X | | | X | | | X | X | | | X | | | X | | X | | X | X | | X | | 15 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 49 |
| Leukemia Mononuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

INTEGUMENTARY SYSTEM

| | |
|---------------|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | X | | 1 |
| Carcinoma | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Fibroadenoma | X | X | | X | X | | X | | | | X | X | X | | X | X | X | X | X | | | X | X | X | 32 |
| Fibrosarcoma | X | | 1 |

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| DAY ON TEST | | 0 | 0 |
|---|--|----------|
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 |
| | | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 5 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 6 | 3 | 3 | 3 | 6 | 6 |
| | | 6 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 4 | 6 | 6 | 3 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 9 | 6 | 6 | 6 | 9 | 0 |
| <hr/> | | |
| FISCHER 344 RATS FEMALE
10000 PPM
ANIMAL ID | | 0 | 0 |
| | | 0 | 0 |
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 |
| | | * TOTALS | |

| | |
|------------------------------|----|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basal Cell Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Keratoacanthoma | | | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | X | | | | | | | | 3 |
| Subcutaneous Tissue, Fibroma | | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

| | |
|------|----|
| Bone | + | 50 |
|------|----|

NERVOUS SYSTEM

| | |
|-----------------------------|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Granular Cell Tumor Benign |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Leukemia Mononuclear | | | | | | | | | | | | X | | | | | | | | | | | | | | | 3 |
| Oligodendroglioma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Peripheral Nerve | | | | | | | | | | | | | | | + | | | | | | | | | + | | | 3 |
| Spinal Cord | | | | | | | | | | | | | | | + | | | | | | | | | + | | | 3 |
| Leukemia Mononuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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
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Lab: SRI

| | | |
|---|--|----------|
| DAY ON TEST | | 0 | | | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | | | |
| | | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 5 | 3 | 3 | 5 | 3 | 3 | 3 | 0 | 3 | 3 | 6 | 3 | 3 | 3 | 6 | | |
| | | 6 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 4 | 6 | 6 | 3 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 9 | 6 | 6 | 9 | | |
| | | |
| FISCHER 344 RATS FEMALE
ANIMAL ID
10000 PPM | | 0 | | | |
| | | 0 | | | |
| | | 3 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |

| | |
|----------------------|---|
| Leukemia Mononuclear | 1 |
|----------------------|---|

SYSTEMIC LESIONS

| | |
|----------------------|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear | | | X | | | X | | | X | X | | | X | | X | | X | | X | X | | X | | | 15 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

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| | | | |
|--------------------------------------|--|----------------------|-----------------------|
| FISCHER 344 RATS FEMALE
50000 PPM | | DAY ON TEST | 0
7
2
9 | 0
7
2
9 | 0
6
6
9 | 0
7
2
9 | 0
6
0
4 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
6
7
5 | 0
7
3
0 | 0
6
3
7 | 0
7
3
6 | 0
7
3
6 | 0
6
4
6 | 0
7
3
6 | 0
7
3
6 | | | | |
| | | | |
| | | ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 | 0
0
3
7
5 |
| | | females
(cont...) | |

| | | |
|----------------------|---|--|
| Leukemia Mononuclear | X | |
| Stomach, Forestomach | + | |
| Leukemia Mononuclear | X | |
| Stomach, Glandular | + | |
| Tongue | + + | |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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 Lab: SRI

| DAY ON TEST | 0 |
|---|---|
| | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 |
| FISCHER 344 RATS FEMALE
50000 PPM
ANIMAL ID | 2 | 2 | 6 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 |
| | 9 | 9 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 5 | 7 | 0 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 |
| females
(cont...) | 0 |
| | 0 |
|  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 5 |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | M | M | + | + | M | M | |
| Pituitary Gland | + |
| Leukemia Mononuclear | | | | | X | |
| Pars Distalis, Adenoma | | | X | | | | | X | | | X | X | X | X | X | | X | | | X | | X | | X | | |
| Thyroid Gland | + |
| C-cell, Adenoma | | | | | | | | X | | | | X | | | | | | | | | | | | | | |
| C-cell, Carcinoma | | | | | | | | | | | | | | | | | X | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| |
|----------------------|
| Clitoral Gland | + |
| Adenoma | | | | | | X | | | | X | | | | | | | | | | X | | | | | X | |
| Bilateral, Adenoma |
| Ovary | + |
| 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. 99027 - 03
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
 CAS Number: 27882-76-4

Date Report Requested: 03/16/2007
 Time Report Requested: 08:39:18
 First Dose M/F: 08/12/02 / 08/12/02
 Lab: SRI

| | | DAY ON TEST | |
|--------------------------------------|--|-----------------------|
| | | 0
7
2
9 | 0
7
2
9 | 0
6
6
9 | 0
7
2
9 | 0
6
0
4 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
3
7 | 0
7
2
7 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
6
7
5 | 0
7
3
7 | 0
6
9
0 | 0
7
3
7 | 0
7
3
6 | 0
7
3
6 | 0
6
4
6 | 0
7
3
6 | 0
7
3
6 | | |
| FISCHER 344 RATS FEMALE
50000 PPM | | ANIMAL ID | |
| | | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 | 0
0
3
7
5 |
| | | females (cont...) | |
| | | |
| | | |
| Uterus | | + | |
| Polyp Stromal | | X | X | X | | | X | | | X | | | | | | X | | | X | X | | | | X | X | |
| Vagina | | + | |
| Polyp | | X | |

HEMATOPOIETIC SYSTEM

| |
|-------------------------------------|
| Bone Marrow | + |
| Leukemia Mononuclear | | | | | X | | | X | | | X | | | | | | X | | | | | | | | |
| Lymph Node | | | + | + | + | | | | | | | | | | | | + | | | | | | + | | |
| Axillary, Leukemia Mononuclear | | | | | X | |
| Deep Cervical, Leukemia Mononuclear | | | | | X | |
| Mediastinal, Leukemia Mononuclear | | | | | X | |
| Pancreatic, Leukemia Mononuclear | | | | | X | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Lymph Node, Mesenteric | + |
| Leukemia Mononuclear | | | | | X | | | | | | X | | | | | | | X | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| 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

| | | | |
|--------------------------------------|--|----------------------|---|
| DAY ON TEST | | 0 | females
(cont...) | |
| | | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | | |
| | | 2 | 2 | 6 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | | |
| | | 9 | 9 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 5 | 7 | 0 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | | |
| FISCHER 344 RATS FEMALE
ANIMAL ID | | 0 | | |
| | | 0 | | |
| | | 3 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| 50000 PPM | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | | 5 |

Lipoma

| |
|----------------------|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | X | |

INTEGUMENTARY SYSTEM

| |
|-----------------------------------|
| Mammary Gland | + |
| Adenoma |
| Carcinoma | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Fibroadenoma | | | | X | | | | X | X | | | X | X | X | X | X | X | X | | X | X | | X | X | X | | |
| Skin | + |
| Basal Cell Carcinoma | | | | | | X | |
| Leukemia Mononuclear | | | | | X | |
| Trichoepithelioma |
| Subcutaneous Tissue, Fibroma | | | | | | | | X | | | | | | | | | | | | | | | | | | X | |
| Subcutaneous Tissue, Fibrosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | |

MUSCULOSKELETAL SYSTEM

| |
|------|
| Bone | + |
|------|

* .. 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. 99027 - 03
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/F 344

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CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4

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Time Report Reqsted: 08:39:18
First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | | | |
|---|--|----------------------|---|
| DAY ON TEST | | 0 | | |
| | | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | | 7 |
| | | 2 | 2 | 6 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 4 | 3 | | 3 |
| | | 9 | 9 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 5 | 7 | 0 | 7 | 7 | 6 | 6 | 6 | | 6 |
| FISCHER 344 RATS FEMALE
ANIMAL ID
50000 PPM | | 0 | females
(cont...) | |
| | | 0 | | |
| | | 3 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | | 4 |

NERVOUS SYSTEM

| |
|----------------------|
| Brain | + |
| Leukemia Mononuclear | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Peripheral Nerve |
| Spinal Cord |

RESPIRATORY SYSTEM

| |
|------------------------------|
| Lung | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | X | | | X | | X | | | | | | | X | | | | | | | | |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----------------|
| Eye | + |
| 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

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First Dose M/F: 08/12/02 / 08/12/02
Lab: SRI

| | |
|---|---|
| DAY ON TEST | 0 |
| | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |
| | 2 | 2 | 6 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 4 | 3 | 3 |
| | 9 | 9 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 5 | 7 | 0 | 7 | 7 | 6 | 6 | 6 | 6 | 6 |
| | |
| FISCHER 344 RATS FEMALE
ANIMAL ID
50000 PPM | 0 |
| | 0 |
| | 3 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| females (cont...) |

Adenoma X

URINARY SYSTEM

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

SYSTEMIC LESIONS

| |
|----------------------|
| Multiple Organ | + |
| 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

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 Lab: SRI

| | | DAY ON TEST | |
|--------------------------------------|--|-------------|----------|
| | | 0 | 0 | | |
| | | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | | |
| | | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 0 | | |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 3 | 7 | 6 | 9 | 6 | 6 | 6 | 7 | 7 | 7 | 3 | 7 | 5 | 6 | 6 | 4 | | |
| FISCHER 344 RATS FEMALE
50000 PPM | | | |
| | | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 3 | 3 | 4 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |

ALIMENTARY SYSTEM

| | |
|---------------------------|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 49 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 48 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear | | | | | | | | X | | | | | | | | | | | | X | | | | | 6 |
| Mesentery | | | | + | | | | + | | | | + | | | + | + | | | | | | + | + | | 13 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | | 2 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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: SRI

| DAY ON TEST | | 0 | 0 | |
|---|--|----------|
| | | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | |
| | | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 0 | |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 3 | 7 | 6 | 9 | 6 | 6 | 6 | 7 | 7 | 7 | 3 | 7 | 5 | 6 | 6 | 4 | |
| FISCHER 344 RATS FEMALE
ANIMAL ID
50000 PPM | | 0 | 0 | |
| | | 0 | 0 | |
| | | 3 | 3 | 4 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | * TOTALS | |

NERVOUS SYSTEM

| | |
|----------------------|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Peripheral Nerve | | | | | | | | | | | | | + | | | | | | | | | | | | | 1 |
| Spinal Cord | | | | | | | | | | | | | | + | | | | | | | | | | | | 1 |

RESPIRATORY SYSTEM

| | |
|------------------------------|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Leukemia Mononuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|-----------------|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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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