

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.
F1_M3

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

C Number: C99027
Lock Date: 05/03/2005
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25021 TSAC
Removal Date Range: ALL
Treatment Groups: Include ALL

25020 NATD

25019 MSAC

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B6C3F1 MICE MALE 0 PPM	DAY ON TEST	7 3 1	7 3 0	7 3 0	7 3 1	7 3 0	7 3 0	7 3 0	7 3 0	7 3 1	7 3 9	7 3 1	7 3 0	7 3 0	7 3 1	6 9 5	7 2 9	7 3 1	7 2 9	2 8 3	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1	males (cont...)	
	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 2	0 0 0 0 2	0 0 0 0 2	0 0 0 0 2	0 0 0 0 2	0 0 0 0 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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	M	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid Inflammation, Chronic																									
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus	X			X				X				X								X		X			
Clear Cell Focus	X	X		X						X					X		X					X			X
Eosinophilic Focus															X				X						
Hematopoietic Cell Proliferation																									
Infiltration Cellular, Mixed Cell																									
Mixed Cell Focus	X	X		X		X				X		X						X		X			X	X	

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

+ .. Tissue examined microscopically

x .. Lesion present

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		DAY ON TEST	7 3 1	7 3 0	7 3 0	7 3 1	7 3 0	7 3 0	7 3 0	7 3 0	7 3 1	7 3 9	7 3 1	7 3 0	7 3 0	6 9 5	7 2 9	7 3 1	7 2 9	2 8 3	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1			
B6C3F1 MICE MALE 0 PPM		ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 1 0	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 2 0	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	0 0 0 2 5	males (cont...)		
Necrosis, Focal Hepatocyte, Vacuolization Cytoplasmic Kupffer Cell, Hyperplasia Kupffer Cell, Pigmentation		1										2																
												3																
Mesentery Hemorrhage Fat, Necrosis												+ 3 2																
Pancreas Atrophy		+ +																										
Salivary Glands Hyperplasia, Lymphoid		+ + + + + + + + + + + + + + + +										+ + + + + + + + + + + + + +											2					
Stomach, Forestomach Erosion Inflammation, Chronic Epithelium, Hyperplasia		+ +																										
Stomach, Glandular Erosion Epithelium, Hyperplasia		+ + + + + + + + + + + + + + + +										+ + + + + + + + + + + + + +											2					

CARDIOVASCULAR SYSTEM

Heart Cardiomyopathy Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

males
(cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																									
Hyperplasia, Focal																									
Hypertrophy, Focal	2	2	1		1		1									1							1		2
Capsule, Hyperplasia			2	2	2												2						2		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																	2								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		2						2																	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																3									
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																	3								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Cyst																									
Follicle, Degeneration, Focal				2				2			2								1	1		2			
Follicular Cell, Hyperplasia															1										

GENERAL BODY SYSTEM

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

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x .. Lesion present

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

Tissue NOS +

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granuloma Sperm																										
Inflammation, Chronic																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst			3			3								3	3	3	3	3								
Inflammation, Chronic	4	3	2	2	2	2		3	2			3	3	3			4	2								2
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Germinal Epithelium, Atrophy																										

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	3	2				3		2	2					2		2		2								
Lymph Node																										
Mediastinal, Hyperplasia, Lymphoid																										

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	DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	2	7	7	7	7	7	
		3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	9	2	3	2	8	3	2	3	3	3	
		1	0	0	1	0	0	0	0	0	1	9	1	0	1	5	9	1	9	3	1	9	1	0	0	1	
B6C3F1 MICE MALE 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	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	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	5	
		males (cont...)																									
Lymph Node, Mandibular Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Pigmentation		+	+	+	+	+	+	+	I	M	+	+	+	+	+	2	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric Atrophy Hematopoietic Cell Proliferation Hemorrhage Hyperplasia, Lymphoid		+	M	+	+	+	+	+	I	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen Hematopoietic Cell Proliferation		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus Atrophy Cyst		+	+	+	+	+	M	+	+	+	+	I	+	+	M	+	+	+	+	+	+	+	+	+	+		

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Epidermis, Hyperplasia																									

MUSCULOSKELETAL SYSTEM

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	9	2	3	2	8	3	2	3	3	3
		1	0	0	1	0	0	0	0	0	1	9	1	0	0	1	5	9	1	9	3	1	9	1	0	1
	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

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

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve																									
Spinal Cord																									

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hyperplasia, Lymphoid																									
Infiltration Cellular, Histiocyte																									
Alveolar Epithelium, Hyperplasia																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	2	2	2	2	2
		males (cont...)																						
Eye Inflammation, Chronic Cornea, Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+
Harderian Gland Inflammation, Chronic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																								
Kidney Cyst Hydronephrosis Hyperplasia, Lymphoid Infarct Metaplasia, Osseous Nephropathy		+	+	+	+	+	+	+	+	3	+	+	+	+	+	+	+	+	+	+	+	+	+	+
							2				2			2										3
		1	1	1		1	3	1	1			1	2	1	2	1	2	1	1	1		1	1	1
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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		2	1	3	2	3	3	3	3	2	3	2	3	3	3	3	2	2	3	3	3	3	3	0
		9	8	0	9	0	0	1	0	9	1	9	0	0	1	0	9	9	1	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	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	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
Gallbladder	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	46
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia, Lymphoid										2														1 2.0
Inflammation, Chronic												2												2 2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basophilic Focus								X				X						X						9
Clear Cell Focus	X							X											X		X			12
Eosinophilic Focus				X				X				X						X		X				7
Hematopoietic Cell Proliferation																								1 3.0
Infiltration Cellular, Mixed Cell													2											1 2.0
Mixed Cell Focus												X		X					X		X			14

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 9

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 0 PPM	DAY ON TEST	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
		2	1	3	2	3	3	3	3	2	3	2	3	3	3	3	2	2	3	3	3	3	3	0
		9	8	0	9	0	0	1	0	9	1	9	0	0	1	0	9	9	1	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	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	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																						

Tissue NOS 1

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Granuloma Sperm																								1 3.0
Inflammation, Chronic																								1 3.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst		3		3					3			3			3		3		3		3		3	17 3.0
Inflammation, Chronic						2			2	4		3	2		4	3	2	2		4	2		2	26 2.7
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Germinal Epithelium, Atrophy								2					3				1							3 2.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia		2	2		2	3			3	2		3		2			2		2	2				19 2.3
Lymph Node																								2
Mediastinal, Hyperplasia, Lymphoid																								1 4.0

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

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
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Lab: SRI

B6C3F1 MICE MALE 0 PPM	DAY ON TEST	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
		2	1	3	2	3	3	3	2	3	2	3	3	3	3	2	2	3	3	3	3	3	3	0
		9	8	0	9	0	0	1	0	9	1	9	0	0	1	0	9	9	1	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	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	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																						

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	47		
Hematopoietic Cell Proliferation																										1	2.0	
Hyperplasia, Lymphoid																										2	2.5	
Pigmentation																										1	3.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	3	+	+	+	+	+	+	+	46	
Atrophy																										1	3.0	
Hematopoietic Cell Proliferation										2															3	3	2.7	
Hemorrhage										3															3	5	2.4	
Hyperplasia, Lymphoid				3																						3	2.7	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hematopoietic Cell Proliferation			3				3			3	2		2		3				4				1				15	2.5
Thymus	+	M	+	+	+	M	+	+	M	I	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	41		
Atrophy												3														1	3.0	
Cyst							3							3									3			3	3.0	

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skin Inflammation, Chronic Epidermis, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2 1.0 1 2.0

MUSCULOSKELETAL SYSTEM

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M .. Missing tissue

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2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

		DAY ON TEST																										
		7 2 9	6 1 8	7 3 0	7 2 9	7 3 0	7 3 0	7 3 1	7 3 0	7 2 9	7 3 1	7 2 9	7 3 0	7 3 0	7 3 1	7 2 0	7 2 9	7 3 1	7 3 0	7 3 0	7 3 0	7 3 0	7 3 0	7 3 0	7 3 0	6 0 0		
B6C3F1 MICE MALE 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	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	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 6	2 7	2 8	2 9	3 0	3 1	3 2	3 3	3 4	3 5	3 6	3 7	3 8	3 9	4 0	4 1	4 2	4 3	4 4	4 5	4 6	4 7	4 8	4 9	5 0	* TOTALS	
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2 1.5	
Inflammation, Chronic																											1 2.0	
Cornea, Hyperplasia																												
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 4.0
Inflammation, Chronic																												
URINARY SYSTEM																												
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	4 3.0
Cyst																												1 3.0
Hydronephrosis																												2 2.0
Hyperplasia, Lymphoid																												5 1.8
Infarct																												2 1.5
Metaplasia, Osseous																												37 1.4
Nephropathy		2	3	2	2																							
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 15

2) Mild 4) Marked

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

		7 3 1	7 2 9	7 3 1	7 3 1	7 3 0	7 3 1	7 3 1	7 3 0	7 3 0	6 9 7	7 2 9	7 3 0	7 2 9	7 3 0	7 3 1	7 2 9	4 3 9	7 2 9	7 3 1	7 2 9	7 2 9	7 2 9	7 3 1	7 3 0	7 3 0
DAY ON TEST																										
		0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 7 9	0 0 0 7 0	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 7 5
B6C3F1 MICE MALE																										
2000 PPM																										
ANIMAL ID																										

CARDIOVASCULAR SYSTEM

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Page 17

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
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B6C3F1 MICE MALE 2000 PPM	DAY ON TEST	7 3 1	7 2 9	7 3 1	7 3 1	7 3 0	7 3 1	7 3 1	7 3 0	6 9 7	7 2 9	7 3 0	7 2 9	7 3 0	7 3 1	7 2 9	4 3 9	7 2 9	7 3 1	7 2 9	7 2 9	7 2 9	7 3 1	7 3 0	7 3 0	males (cont...)	
	ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 6 9	0 0 0 6 0	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 7 9	0 0 0 7 0	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4		0 0 0 7 5

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Coagulating Gland																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Penis																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst						3	3										3			3	3				3	
Inflammation, Chronic	4	2	2	4		4	3				2	2	2				2			2			3			
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epithelium, Hyperplasia																										
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Germinal Epithelium, Atrophy																										

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Page 19

TDMS No. 99027 - 04
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Species/Strain: MICE/B6C3F1

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Lab: SRI

B6C3F1 MICE MALE 2000 PPM	DAY ON TEST	7 3 1	7 2 9	7 3 1	7 3 1	7 3 0	7 3 1	7 3 1	7 3 0	7 3 0	6 9 7	7 2 9	7 3 0	7 2 9	7 3 0	7 2 1	7 2 9	4 2 9	7 3 1	7 2 9	7 2 9	7 2 9	7 2 9	7 3 1	7 3 0	7 3 0
	ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 7 5
		2	2	2	4	2		2		3					2				3							
	Hyperplasia																									
Lymph Node Renal, Hemorrhage		+																								
Lymph Node, Mandibular Atrophy Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Pigmentation		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																		2 3						3		
Lymph Node, Mesenteric Atrophy Hematopoietic Cell Proliferation Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Polymorphonuclear		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
						1									3				2							
				2		1																				
								4																		
								4																		
Spleen Hematopoietic Cell Proliferation Necrosis Lymphoid Follicle, Atrophy		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
		1				1					3															3
Thymus Atrophy Cyst		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
											3															

INTEGUMENTARY SYSTEM

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2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Lab: SRI

B6C3F1 MICE MALE 2000 PPM	DAY ON TEST	7 3 1	7 2 9	7 2 9	7 3 1	0 5 2	7 2 9	7 2 9	7 3 0	7 1 2	7 3 1	7 2 9	7 3 0	7 3 1	7 2 9	7 3 0	7 3 1	3 7 6	7 1 0	7 3 0	7 2 9	7 3 0	7 2 1	7 3 1
	ANIMAL ID	0 0 0 7 6	0 0 0 7 7	0 0 0 7 8	0 0 0 7 9	0 0 0 8 0	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4	0 0 0 8 5	0 0 0 8 6	0 0 0 8 7	0 0 0 8 8	0 0 0 9 9	0 0 0 9 0	0 0 0 9 1	0 0 0 9 2	0 0 0 9 3	0 0 0 9 4	0 0 0 9 5	0 0 0 9 6	0 0 0 9 7	0 0 0 9 8
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		* TOTALS																						

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	49
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	49
Intestine Large, Cecum Edema Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49
		1 2.0 1 3.0																							
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
		1 3.0																							
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	A	+	47
Intestine Small, Ileum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	49
		1 3.0																							
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	48
Liver Angiectasis Basophilic Focus Clear Cell Focus Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
		1 10 7 1																							

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 24

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

		DAY ON TEST																															
		7 3 1	7 2 9	7 2 9	7 3 1	0 5 2	7 2 9	7 2 9	7 3 0	7 1 2	7 3 1	7 2 9	7 2 9	7 3 0	7 3 1	7 2 9	7 3 0	7 3 1	7 3 0	3 7 6	7 1 0	7 3 0	7 2 9	7 3 0	7 2 1	7 3 1							
																																	
B6C3F1 MICE 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	9	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						
Eosinophilic Focus						X																				4							
Hematopoietic Cell Proliferation														2												1 2.0							
Infiltration Cellular, Mixed Cell										1						2		1												4 1.3			
Inflammation, Chronic Active																														2 1.0			
Mixed Cell Focus		X						X																		8							
Necrosis, Focal				2		4												X												5 1.8			
Hepatocyte, Vacuolization Cytoplasmic																						3		1				1 3.0					
Kupffer Cell, Hyperplasia																										1 2.0							
																																	
Mesentery				+						+				+						+						7							
Hemorrhage				3						3				3												4 3.0							
Fat, Necrosis												2				3										2 2.5							
																																	
Pancreas		+		+		+		+		+		+		+		+		+		+		A		+		+		+		+		49	
Basophilic Focus						X																				1							
Acinus, Cytoplasmic Alteration										4																				1 4.0			
																																	
Salivary Glands		+		+		+		+		+		+		+		+		+		+		+		+		+		+		50			
Hyperplasia, Lymphoid																											1 3.0						
																																	
Stomach, Forestomach		+		+		+		+		+		+		+		+		+		+		+		+		+		+		50			
Diverticulum																											1						
Ulcer										2																				1 2.0			
Epithelium, Hyperplasia																											2 2.0						
																																	
Stomach, Glandular		+		+		+		+		+		+		+		+		+		+		A		+		+		+		49			

CARDIOVASCULAR SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 2000 PPM	DAY ON TEST	7 3 1	7 2 9	7 2 9	7 3 1	0 5 2	7 2 9	7 2 9	7 3 0	7 1 2	7 3 1	7 2 9	7 3 0	7 3 1	7 2 3	7 3 0	7 3 1	7 3 0	3 7 6	7 1 0	7 3 0	7 2 9	7 3 0	7 2 1	7 3 1
	ANIMAL ID	0 0 0 7 6	0 0 0 7 7	0 0 0 7 8	0 0 0 7 9	0 0 0 8 0	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4	0 0 0 8 5	0 0 0 8 6	0 0 0 8 7	0 0 0 8 8	0 0 0 9 9	0 0 0 9 0	0 0 0 9 1	0 0 0 9 2	0 0 0 9 3	0 0 0 9 4	0 0 0 9 5	0 0 0 9 6	0 0 0 9 7	0 0 0 9 8	0 0 0 9 9
	* TOTALS																								

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Coagulating Gland	+																								1
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Penis	+																								1
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst		3											3	3	3				3				3		12 3.0
Inflammation, Chronic		3				3	2		2	4			2		3	2			3	3	4	2		3	25 2.7
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Epithelium, Hyperplasia														1											1 1.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Germinal Epithelium, Atrophy																						1			1 1.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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A .. Autolysis precludes evaluation

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Page 27

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

		DAY ON TEST																																								
		7 3 1	7 2 9	7 2 9	7 3 1	0 5 2	7 2 9	7 2 9	7 3 0	7 1 2	7 3 1	7 2 9	7 2 9	7 3 0	7 3 1	7 2 9	7 3 0	7 3 1	7 3 0	3 7 6	7 1 0	7 3 0	7 2 9	7 3 0	7 2 1	7 3 1																
																																										
B6C3F1 MICE 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	9	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														
Hyperplasia		3				2		2		3		3		2		2		2		2		3		3		3		3		2		2		25		2.4						
Lymph Node																											2															
Renal, Hemorrhage																											2		1		2.0											
Lymph Node, Mandibular		I	+	+	M	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46										
Atrophy																											3		1		3.0											
Hematopoietic Cell Proliferation																											3		1		3.0											
Hyperplasia, Lymphoid		3																													2		4		2.5							
Pigmentation																													1		3.0											
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	48											
Atrophy																											3		1		3.0											
Hematopoietic Cell Proliferation																													2		4		3		2.3							
Hemorrhage																													2		2		1		9		1.8					
Hyperplasia, Lymphoid		2																															1		2		3.0					
Infiltration Cellular, Polymorphonuclear																													1		4.0											
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	49											
Hematopoietic Cell Proliferation																											2		3		1		3		3		2		13		2.3	
Necrosis																													4						1		4.0					
Lymphoid Follicle, Atrophy		4																																	1		4.0					
Thymus		+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	46												
Atrophy																																			3		3		4		2.8	
Cyst																											3										2		3.0			

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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Page 28

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 2000 PPM	DAY ON TEST	7	7	7	7	0	7	7	7	7	7	7	7	7	7	7	7	7	3	7	7	7	7	7	7
		3	2	2	3	5	2	2	3	1	3	2	2	3	3	2	3	3	7	1	3	2	3	2	3
		1	9	9	1	2	9	9	0	2	1	9	9	0	1	9	0	1	0	6	0	0	9	0	1
	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	1
		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
		* TOTALS																							

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst Epithelial Inclusion																									1
Edema																									1 3.0
Inflammation, Chronic																									1 4.0

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Peripheral Nerve																									2
Atrophy																									1 1.0
Spinal Cord																									2

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Edema																									1 2.0
Hemorrhage																									2 1.5
Hyperplasia, Lymphoid																									1 3.0
Infiltration Cellular, Histiocyte																									5 3.0

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

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B6C3F1 MICE MALE 2000 PPM	DAY ON TEST	7	7	7	7	0	7	7	7	7	7	7	7	7	7	7	7	7	3	7	7	7	7	7	7
		3	2	2	3	5	2	2	3	1	3	2	2	3	3	2	3	3	7	1	3	2	3	2	3
		1	9	9	1	2	9	9	0	2	1	9	9	0	1	9	0	1	0	6	0	0	9	0	1
	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	1
		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
		* TOTALS																							

Alveolar Epithelium, Hyperplasia	1 2.0																							
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic	1			2	2																			3 1.7
Respiratory Epithelium, Hyperplasia	1 2.0																							
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic	1 2.0																							
Cornea, Hyperplasia	1 2.0																							
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia, Focal	2 2.5																							

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst				3														3						4 3.0
Glomerulosclerosis			2																					1 2.0
Hydronephrosis																		3						1 3.0
Hyperplasia, Lymphoid																				2				1 2.0
Infarct		2																						2 2.0
Inflammation, Chronic											2													1 2.0
Metaplasia, Osseous																								1 1.0
Nephropathy	1	2	2	1			1				1	1		1	2		1	1		3	4	1	1	35 1.4

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		3	2	2	3	5	2	2	3	1	3	2	2	3	3	2	3	3	7	1	3	2	3	2	3
		1	9	9	1	2	9	9	0	2	1	9	9	0	1	9	0	1	0	6	0	0	9	0	1
	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	1
		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
		* TOTALS																							
Papilla, Necrosis		3																							1 3.0
Renal Tubule, Dilatation, Diffuse		3																							2 2.5
Renal Tubule, Hyperplasia		1																							4 1.3
Urethra		+																							1
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	49
Hemorrhage		2																							1 2.0
Inflammation, Chronic		2																							1 2.0

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B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	7 2 9	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	6 6 6	7 3 0	6 3 5	7 3 1	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1	7 2 4	7 3 1	7 3 0	6 7 6	7 2 9	7 3 1	7 3 1	6 7 6	7 2 9	
	ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	0 0 1 2 1	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	0 0 2 2 5

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	M	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic					2																				
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus	X					X		X				X			X		X		X						
Clear Cell Focus						X		X			X														
Eosinophilic Focus												X													
Hematopoietic Cell Proliferation																									
Infiltration Cellular, Mixed Cell																									
Mixed Cell Focus			X					X							X		X				3				
Necrosis, Focal			1	1			1								X		X				3				

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 32

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	7 2 9	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	6 6 6	7 3 0	6 3 5	7 3 1	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1	7 2 4	7 3 1	7 3 0	6 7 6	7 2 9	7 3 1	7 3 1	6 7 6	7 2 9	
	ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	0 0 1 2 1	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	0 0 1 2 5

males (cont...)

males
(cont...)

Bile Duct, Hyperplasia
Hepatocyte, Vacuolization Cytoplasmic

3

Mesentery
Fat, Necrosis

+

2

Pancreas
Cyst
Acinus, Cytoplasmic Alteration

+

+

+

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Salivary Glands
Hyperplasia, Lymphoid

+

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Stomach, Forestomach
Epithelium, Hyperplasia

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Stomach, Glandular
Erosion
Ulcer

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CARDIOVASCULAR SYSTEM

Blood Vessel

Heart
Inflammation, Chronic
Mineralization

+

+

+

+

+

+

+

+

+

+

+

+

+

+

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

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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	ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	0 0 1 2 1	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	0 0 2 2 5
		males (cont...)																								

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																				3					
Hyperplasia, Focal																									2
Hypertrophy, Focal												2						2	1	1				2	
Capsule, Hyperplasia									2															2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia												1													
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia			2			3														1					
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																3									
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Pars Distalis, Cyst																									
Pars Distalis, Hyperplasia, Focal																								1	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Degeneration, Focal	2	1	2						3		2		2												
Follicular Cell, Hyperplasia					1																				

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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1) Minimal 3) Moderate

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Page 34

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	7 2 9	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	6 6 6	7 3 0	6 3 5	7 3 1	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1	7 2 4	7 3 1	7 3 0	7 3 1	6 7 6	7 2 9	7 3 1	7 3 1	6 7 6	7 2 9
	ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 2 9	0 0 1 2 0	0 0 1 2 1	0 0 2 2 2	0 0 2 2 3	0 0 2 2 4	0 0 2 2 5
	males (cont...)																									

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst	3	3					3							3	3	3	3	3	3						3
Inflammation, Chronic	3	2				2			2			4	2	2	3		3	2		2					3
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic	2																								
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Germinal Epithelium, Atrophy																				2					

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	3	2	2	2				2	3				2	2	2		2			4				2	
Lymph Node	+															+									
Lymph Node, Mandibular	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	I	+
Atrophy																									
Hyperplasia, Lymphoid																									
Pigmentation																									

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
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M .. Missing tissue
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Page 35

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Lab: SRI

B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	7 2 9	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	6 6 6	7 3 0	6 3 5	7 3 1	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1	7 2 4	7 3 1	7 3 0	7 3 1	6 7 6	7 2 9	7 3 1	7 3 1	6 7 6	7 2 9
	ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 2 2 0	0 0 2 2 1	0 0 2 2 2	0 0 2 2 3	0 0 2 2 4	0 0 2 2 5
	males (cont...)																									

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ectasia																										
Hematopoietic Cell Proliferation	3													1							2					
Hemorrhage						1					2			2	2		1				2	1				
Hyperplasia, Lymphoid	2										3															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	4						3		4				2		1		2				3				2	
Lymphoid Follicle, Atrophy																										
Lymphoid Follicle, Hyperplasia																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Atrophy							3														2					
Cyst	3	3																								

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																										

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

+ .. Tissue examined microscopically

x .. Lesion present

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Page 36

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

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B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	7 2 9	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	6 6 6	7 3 0	6 3 5	7 3 1	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1	7 2 4	7 3 1	7 3 0	6 7 6	7 2 9	7 3 1	7 3 1	6 7 6	7 2 9	
	ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	0 0 1 2 1	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	0 0 1 2 5
		males (cont...)																								

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve																									
Spinal Cord																									

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Hyperplasia, Lymphoid											2														
Infiltration Cellular, Histiocyte												3			4										
Alveolar Epithelium, Hyperplasia										2															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Focal																									

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Species/Strain: MICE/B6C3F1

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B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	7 2 9	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	6 6 6	7 3 0	6 3 5	7 3 1	7 3 1	7 2 9	7 3 1	7 3 0	7 3 1	7 2 4	7 3 1	7 3 0	6 7 6	7 2 9	7 3 1	7 3 1	6 7 6	7 2 9	
	ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 2 2 0	0 0 2 2 1	0 0 2 2 2	0 0 2 2 3	0 0 2 2 4	0 0 2 2 5
	males (cont...)																									

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst													3											3	
Glomerulosclerosis																									
Hydronephrosis																									
Infarct																									
Inflammation, Chronic																				2					
Nephropathy		2	1						2	1	2	1	2	1	1	1			1	1	3			1	1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema							3																		

TDMS No. 99027 - 04
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B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	1 0 1	7 1 7	7 3 1	7 3 0	5 8 4	7 3 1	7 2 9	7 3 1	7 3 0	7 3 0	7 2 9	7 3 0	7 3 1	7 2 9	7 3 1	7 3 0	7 2 9	7 2 9	6 7 0	7 3 1	7 3 0	6 7 1	7 0 4	6 8 4	
	ANIMAL ID	0 0 1 2 6	0 0 1 2 7	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0	0 0 1 3 1	0 0 1 3 2	0 0 1 3 3	0 0 1 3 4	0 0 1 3 5	0 0 1 3 6	0 0 1 3 7	0 0 1 3 8	0 0 1 4 9	0 0 1 4 0	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9	
	* TOTALS																									

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Gallbladder	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Cecum	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	46
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	48
Inflammation, Chronic																											1 2.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basophilic Focus													X				X	X									10
Clear Cell Focus										X							X	X		X							6
Eosinophilic Focus					X										X			X						X			5
Hematopoietic Cell Proliferation																				3							1 3.0
Infiltration Cellular, Mixed Cell																								2			2 2.5
Mixed Cell Focus										X							X										6
Necrosis, Focal					4						1									2			3				8 2.0

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

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Lab: SRI

		DAY ON TEST	1	7	7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	6	7	6			
			0	1	3	3	8	3	2	3	3	3	2	3	3	3	2	3	3	2	2	7	3	3	7	0	8	
			1	7	1	0	4	1	9	1	0	0	9	0	0	1	9	1	0	9	9	0	1	0	1	4	4	
B6C3F1 MICE MALE 10000 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		
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
			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	
Bile Duct, Hyperplasia																										1	2.0	
Hepatocyte, Vacuolization Cytoplasmic			4							3											2					4	3.3	
Mesentery																										2		
Fat, Necrosis			3																							2	2.5	
Pancreas		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Cyst																										1	3.0	
Acinus, Cytoplasmic Alteration																				3			3			2	3.0	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia, Lymphoid										2																1	2.0	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Epithelium, Hyperplasia																										2	1.0	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Erosion		3																								2	2.0	
Ulcer						3																				1	3.0	

CARDIOVASCULAR SYSTEM

Blood Vessel																					+		1			
Heart																							50			
Inflammation, Chronic																							2		1	
Mineralization																					2				1	

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 40

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	1 0 1	7 1 7	7 3 1	7 3 0	5 8 4	7 3 1	7 2 9	7 3 1	7 3 0	7 3 0	7 2 9	7 3 0	7 3 1	7 2 9	7 3 1	7 3 0	7 2 9	7 2 9	6 7 0	7 3 1	7 3 0	6 7 1	7 0 4	6 8 4	
	ANIMAL ID	0 0 1 2 6	0 0 1 2 7	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0	0 0 1 3 1	0 0 1 3 2	0 0 1 3 3	0 0 1 3 4	0 0 1 3 5	0 0 1 3 6	0 0 1 3 7	0 0 1 3 8	0 0 1 4 9	0 0 1 4 0	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9	
	* TOTALS																									

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst									3	3		3			3	3		3					3			17 3.0
Inflammation, Chronic						4	2	2		2	3	4			3			2				4	4			22 2.7
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic																										1 2.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Germinal Epithelium, Atrophy																										1 2.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia					2	3			2	3	3	4			2			3		2	3	2	3			24 2.5
Lymph Node																										2
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+		45
Atrophy	3																									1 3.0
Hyperplasia, Lymphoid				3													2									2 2.5
Pigmentation																										1 3.0

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Page 42

TDMS No. 99027 - 04
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Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	1 0 1	7 1 7	7 3 1	7 3 0	5 8 4	7 3 1	7 2 9	7 3 1	7 3 0	7 3 0	7 2 9	7 3 0	7 3 1	7 2 9	7 3 1	7 3 0	7 2 9	7 2 9	6 7 0	7 3 1	7 3 0	6 7 1	7 0 4	6 8 4	
	ANIMAL ID	0 0 1 2 6	0 0 1 2 7	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0	0 0 1 3 1	0 0 1 3 2	0 0 1 3 3	0 0 1 3 4	0 0 1 3 5	0 0 1 3 6	0 0 1 3 7	0 0 1 3 8	0 0 1 4 9	0 0 1 4 0	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9	
	* TOTALS																									

Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	48			
Ectasia																											1	3.0	
Hematopoietic Cell Proliferation																									1	2	5	1.8	
Hemorrhage																									1	3	9	1.7	
Hyperplasia, Lymphoid																											2	2.5	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Hematopoietic Cell Proliferation			4			3	2				2	3					2					4	2		3	3	3	19	2.7
Lymphoid Follicle, Atrophy	4																											1	4.0
Lymphoid Follicle, Hyperplasia														2														1	2.0
Thymus	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47			
Atrophy		3			3																	2			3	3		7	2.7
Cyst																												2	3.0

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Edema		2																								2 2.5

MUSCULOSKELETAL SYSTEM

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

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Page 43

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Route: DOSED FEED
Species/Strain: MICE/B6C3F1

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Lab: SRI

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

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Peripheral Nerve																								+	1
Spinal Cord																								+	1

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemorrhage										1								1							2 1.0
Hyperplasia, Lymphoid																									1 2.0
Infiltration Cellular, Histiocyte																									2 3.5
Alveolar Epithelium, Hyperplasia										1								1							3 1.3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia, Focal																		2							1 2.0

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+ .. Tissue examined microscopically

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l .. Insufficient tissue

M .. Missing tissue

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 10000 PPM	DAY ON TEST	1 0 1	7 1 7	7 3 1	7 3 0	5 8 4	7 3 1	7 2 9	7 3 1	7 3 0	7 2 9	7 3 0	7 3 0	7 3 1	7 2 9	7 3 1	7 3 0	7 2 9	7 2 9	6 7 0	7 3 1	7 3 0	6 7 1	7 0 4	6 8 4
	ANIMAL ID	0 0 1 2 6	0 0 1 2 7	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0	0 0 1 3 1	0 0 1 3 2	0 0 1 3 3	0 0 1 3 4	0 0 1 3 5	0 0 1 3 6	0 0 1 3 7	0 0 1 3 8	0 0 1 4 9	0 0 1 4 0	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9
* TOTALS																									

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Cyst																											3	3.0	
Glomerulosclerosis																							3				1	3.0	
Hydronephrosis															2						2						2	2.0	
Infarct									2																		2	2.0	
Inflammation, Chronic																											1	2.0	
Nephropathy			2				3	2	1		1				1	2	1	1			2	1	1	1		1	3	30	1.5
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Edema																											1	3.0	

TDMS No. 99027 - 04
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Reqsted: 09/26/2006
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Lab: SRI

B6C3F1 MICE MALE 50000 PPM	DAY ON TEST	7 3 1	7 3 1	7 3 1	7 2 9	7 3 0	7 2 9	7 3 1	7 3 1	7 3 1	7 3 1	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	0 2 5	7 2 9	7 3 1	7 3 0	7 2 9	7 3 0	7 2 9	7 3 0	7 2 9	7 3 0	7 2 9
	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 5 0	0 0 1 5 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	

males (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Polymorphonuclear											2														
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																									
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																					X	X			
Clear Cell Focus	X																					X			
Eosinophilic Focus																									
Hematopoietic Cell Proliferation																									
Infiltration Cellular, Mixed Cell																									
Inflammation, Chronic Active																									

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

+ .. Tissue examined microscopically

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2) Mild 4) Marked

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B6C3F1 MICE MALE 50000 PPM	DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0	7	7	7	7	7	7	7	7
		3	3	3	2	3	2	3	3	3	3	2	2	3	3	2	2	3	3	2	3	2	2	3	2
		1	1	1	9	0	9	1	1	1	1	0	9	9	1	0	5	9	1	0	9	0	9	9	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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
																									males (cont...)

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																									
Thrombosis																									

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																									
Hyperplasia, Focal																									
Hypertrophy, Focal																									
Capsule, Hyperplasia				2	2				2			2						2	2						
Adrenal Medulla	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																									
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																									
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Degeneration, Focal	2	2		2		2					1	1											3		2
Follicular Cell, Hyperplasia																									

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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		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

males
(cont...)

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst			3	3				3					3					3	3	3	3			
Inflammation, Chronic	4	4	2								2					3	3		2	4		2		
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic																			2					
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Germinal Epithelium, Atrophy											2								2					

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Depletion Cellular																2								
Hyperplasia	4						2				2	2	2					4	3		3			

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 50000 PPM	DAY ON TEST	7 3 1	7 3 1	7 3 1	7 2 9	7 3 0	7 2 9	7 3 1	7 3 1	7 3 1	7 3 1	7 2 0	7 2 9	7 3 1	7 3 0	0 2 5	7 2 9	7 3 1	7 3 0	7 2 9	7 2 0	7 2 9	7 2 0	7 3 0	7 2 9
	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		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

males
(cont...)

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																								
Hemorrhage																								
Peripheral Nerve																								
Spinal Cord																								

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte								3			4									4			4	
Metaplasia, Osseous																								
Thrombosis																								
Alveolar Epithelium, Hyperplasia				2																				
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic				3																				
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
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Lab: SRI

B6C3F1 MICE MALE 50000 PPM	DAY ON TEST	7 3 1	7 3 1	7 3 1	7 2 9	7 3 0	7 2 9	7 3 1	7 3 1	7 3 1	7 3 1	7 3 0	7 2 9	7 2 9	7 3 1	7 3 0	0 2 5	7 2 9	7 3 1	7 3 0	7 2 9	7 3 0	7 2 9	7 3 0	7 2 9	7 3 0	7 2 9
	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 5 0	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 5 0	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	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst								3		3																
Hydronephrosis																										
Hyperplasia, Lymphoid																										
Infarct				2									3													
Inflammation, Suppurative																										
Nephropathy					1	1	2	1	1		1		1	3		1		1	1		2	1	2	1	2	1
Renal Tubule, Dilatation, Diffuse																										
Renal Tubule, Necrosis																				2						
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

TDMS No. 99027 - 04
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		3	3	3	3	3	2	3	0	6	2	3	8	3	3	2	3	2	9	3	2	2	3	3	3	3
		1	1	0	0	1	9	1	0	1	9	0	6	0	1	9	1	9	2	0	9	9	1	0	1	1
	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		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	1 2.0
Infiltration Cellular, Polymorphonuclear																											
Gallbladder	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	46	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Colon	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	49	1 2.0
Hyperplasia, Lymphoid																								2			
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Basophilic Focus				X	X					X	X		X					X								8	
Clear Cell Focus		X																		X						4	
Eosinophilic Focus	X					X										X				X				X		5	
Hematopoietic Cell Proliferation													1													1 1.0	
Infiltration Cellular, Mixed Cell									2	2														2		5 2.0	
Inflammation, Chronic Active																										1 3.0	

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 53

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
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Lab: SRI

B6C3F1 MICE MALE 50000 PPM	DAY ON TEST	7	7	7	7	7	7	7	7	6	7	7	4	7	7	7	7	7	5	7	7	7	7	7	7	7
		3	3	3	3	3	2	3	0	6	2	3	8	3	3	2	3	2	9	3	2	2	3	3	3	3
		1	1	0	0	1	9	1	0	1	9	0	6	0	1	9	1	9	2	0	9	9	1	0	1	1
	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		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																								
Mixed Cell Focus				X		X							X							X				X		8
Necrosis, Focal		1					1	1																		4 1.5
Tension Lipidosis																										1
Centrilobular, Necrosis											4															1 4.0
Hepatocyte, Fatty Change, Focal																										1 1.0
Hepatocyte, Vacuolization Cytoplasmic																			3							2 3.0
Kupffer Cell, Hyperplasia																										2 1.0
Mesentery																										
Hemorrhage																								+	+	4
Inflammation, Granulomatous																									2	1 2.0
Fat, Necrosis																									2	1 2.0
																									3	3 2.7
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy																										1 1.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia, Lymphoid																			2							1 2.0
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Ulcer											2															1 2.0
Epithelium, Hyperplasia																										1 2.0
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Erosion										2				2					3							3 2.3

CARDIOVASCULAR SYSTEM

Blood Vessel	1
--------------	---

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

+ .. Tissue examined microscopically

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l .. Insufficient tissue

M .. Missing tissue

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Page 54

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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		3	3	3	3	3	2	3	0	6	2	3	8	3	3	2	3	2	9	3	2	2	3	3	3
		1	1	0	0	1	9	1	0	1	9	0	6	0	1	9	1	9	2	0	9	9	1	0	1
	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		7	7	7	7	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
		* TOTALS																							

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mineralization																									1 1.0
Thrombosis																									1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Accessory Adrenal Cortical Nodule																									2 3.0
Hyperplasia, Focal																									1 2.0
Hypertrophy, Focal	1		2	2	1																1			1	6 1.3
Capsule, Hyperplasia	3										2										2				9 2.1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia											2														1 2.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																									2 2.0
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cyst																									1 3.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Pars Distalis, Cyst																									4 3.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Follicle, Degeneration, Focal																									8 1.9
Follicular Cell, Hyperplasia																									1 1.0

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		3	3	3	3	3	2	3	0	6	2	3	8	3	3	2	3	2	9	3	2	2	3	3	3
		1	1	0	0	1	9	1	0	1	9	0	6	0	1	9	1	9	2	0	9	9	1	0	1
	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		7	7	7	7	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
		* TOTALS																							

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst			3		3		3			3			3		3					3	3	3	3		18 3.0
Inflammation, Chronic	2						2			2					2					2	4	2			16 2.6
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic																									1 2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Germinal Epithelium, Atrophy																									2 2.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Depletion Cellular																									1 2.0
Hyperplasia									3	4				4			2		3			3		2	15 2.9

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		3	3	3	3	3	2	3	0	6	2	3	8	3	3	2	3	2	9	3	2	2	3	3	3	3
		1	1	0	0	1	9	1	0	1	9	0	6	0	1	9	1	9	2	0	9	9	1	0	1	1
	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		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
		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																								

Lymph Node																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</
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INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE MALE 50000 PPM	DAY ON TEST	7	7	7	7	7	7	7	7	6	7	7	4	7	7	7	7	7	5	7	7	7	7	7	7	7
		3	3	3	3	3	2	3	0	6	2	3	8	3	3	2	3	2	9	3	2	2	3	3	3	3
		1	1	0	0	1	9	1	0	1	9	0	6	0	1	9	1	9	2	0	9	9	1	0	1	1
	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		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																								

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst Epithelial Inclusion												X														1
Hemorrhage												4														1 4.0
Peripheral Nerve							+																			1
Spinal Cord							+																			1

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infiltration Cellular, Histiocyte																										4 3.8
Metaplasia, Osseous							2																			1 2.0
Thrombosis										3																1 3.0
Alveolar Epithelium, Hyperplasia																			1					1		3 1.3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic																										1 3.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
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B6C3F1 MICE MALE 50000 PPM	DAY ON TEST	7	7	7	7	7	7	7	7	6	7	7	4	7	7	7	7	7	5	7	7	7	7	7	7	7
		3	3	3	3	3	2	3	0	6	2	3	8	3	3	2	3	2	9	3	2	2	3	3	3	3
		1	1	0	0	1	9	1	0	1	9	0	6	0	1	9	1	9	2	0	9	9	1	0	1	1
	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
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
		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
		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																								

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst						3																				3 3.0
Hydronephrosis																					2					1 2.0
Hyperplasia, Lymphoid															4											1 4.0
Infarct																						2				3 2.3
Inflammation, Suppurative									1																	1 1.0
Nephropathy	1	1		1	1	2	1			1	1		1	1	1	3			1		3	1	1	2		34 1.4
Renal Tubule, Dilatation, Diffuse																		3								1 3.0
Renal Tubule, Necrosis																										1 2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

*** END OF MALE DATA ***

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

B6C3F1 MICE FEMALE 0 PPM	DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3	6	6	6	6	6	2	2	2	2	2	3	3	3	3
	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
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3
		females (cont...)																						

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																			2				
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																							
Basophilic Focus																							X
Cyst																							
Eosinophilic Focus																							
Hematopoietic Cell Proliferation																							
Hyperplasia, Lymphoid																							
Infiltration Cellular, Mixed Cell																							

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
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Lab: SRI

B6C3F1 MICE FEMALE 0 PPM	DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3	6	6	6	6	6	2	2	2	2	2	3	3	3	3
		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
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3
		females (cont...)																						

Inflammation, Chronic Active
Mixed Cell Focus
Necrosis, Diffuse
Tension Lipidosis
Kupffer Cell, Hyperplasia

X
3

Mesentery
Hemorrhage
Fat, Necrosis

+
3
2
+
3

Pancreas
Atrophy
Cyst
Inflammation, Chronic
Acinus, Cytoplasmic Alteration

+
4
3

Salivary Glands
Hyperplasia, Lymphoid

+
2 2 2

Stomach, Forestomach
Epithelium, Hyperplasia

+
1

Stomach, Glandular
Cyst
Edema
Inflammation, Chronic Active

+ +

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

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Lab: SRI

| | | |
|-----------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 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 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | | females (cont...) | |

| |
|-----------------------|
| Heart | + |
| Inflammation, Chronic | |

ENDOCRINE SYSTEM

| |
|-----------------------------------|
| Adrenal Cortex | + |
| Accessory Adrenal Cortical Nodule | | 3 | 3 | | | | | 3 | | | | | | | 3 | | | 3 | | | | | |
| Hyperplasia, Focal |
| Capsule, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Adrenal Medulla | + |
| Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | 1 | | |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Pars Distalis, Cyst |
| Pars Distalis, Hyperplasia, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Thyroid Gland | + |
| Follicle, Degeneration, Focal | | 2 | | | | | | | | | 2 | | 2 | | | 2 | 4 | | | | 2 | 3 | |
| Follicular Cell, Hyperplasia | | | | | | | | 2 | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|-----------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 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 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 5 |
| | | females (cont...) | |

Tissue NOS

GENITAL SYSTEM

| |
|---------------------|
| Clitoral Gland | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ovary | + | |
| Cyst | 3 | | | 3 | | 3 | 3 | 3 | 3 | 3 | | | + | + | | | 3 | 3 | | + | + | | 3 | 3 | |
| Hemorrhage | | | | | | | | | | | | | | | 2 | | | | | 2 | | | | 2 | |
| Uterus | + | |
| Angiectasis | | | | | | | | | | | 2 | | | | 4 | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Hyperplasia, Cystic | 2 | 2 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 4 | 2 | 4 | 4 | 4 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | | 4 | 2 |

HEMATOPOIETIC SYSTEM

| |
|------------------------------------|
| Bone Marrow | + |
| Hyperplasia | | | | | | | | | | | 3 | | | | | | 2 | | | 2 | | | | |
| Infiltration Cellular, Histiocyte | |
| Myelofibrosis |
| Lymph Node | | | | | | | | | | | | | | | | | + | + | | | | | | + |
| Mediastinal, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| Lymph Node, Mandibular | + |
| Atrophy |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|-----------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 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 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | | females (cont...) | |

| |
|----------------------------------|
| Pigmentation | 3 | 3 | |
| Lymph Node, Mesenteric Atrophy | + |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | 2 | | | | | | | | | 2 | | | 3 | |
| Spleen | + |
| Accessory Spleen |
| Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |
| Hematopoietic Cell Proliferation | | | | | | | 1 | | | | 2 | 4 | | | | 3 | 3 | | | | | 2 | | |
| Lymphoid Follicle, Atrophy |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | 2 | | | | | 2 | 2 | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Atrophy |
| Hyperplasia, Lymphoid | | | | | | | | | 4 | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| |
|------------------------|
| Mammary Gland | + |
| Skin | + |
| Ulcer |
| Epidermis, Hyperplasia | |

MUSCULOSKELETAL SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | 7 |
|---|-----------|
| DAY ON TEST | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| B6C3F1 MICE FEMALE
0 PPM | ANIMAL ID | 0 |
| | | 0 |
| | | 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 |
| | | 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 |
| Bone Fibrosis | | + | |
| Skeletal Muscle | | + | |
| NERVOUS SYSTEM | |
| Brain Compression | | + | |
| Peripheral Nerve Atrophy | |
| Spinal Cord | |
| RESPIRATORY SYSTEM | |
| Lung Hemorrhage Hyperplasia, Lymphoid Capillary, Infiltration Cellular, Polymorphonuclear | | + | |
| | |
| Nose | | + | |
| Trachea | | + | |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 65

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|-----------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 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 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | | females (cont...) | |

SPECIAL SENSES SYSTEM

| |
|-----------------|
| Eye | + |
| Cataract |
| Harderian Gland | + |
| Atrophy |

URINARY SYSTEM

| |
|-----------------------|
| Kidney | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Infarct |
| Metaplasia, Osseous | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Nephropathy | 1 | 1 | | | | | | | | | | | | 1 | | 2 | | | 1 | | | | |
| Urinary Bladder | + |
| Hyperplasia, Lymphoid | | 2 | | | | | | | | | 3 | | | | | | | | | | | | |

TDMS No. 99027 - 04
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|---------------------------------|--|-------------|----------|
| | | DAY ON TEST | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 0 | 7 | 7 | 7 | 7 | 4 | 7 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 3 | 3 | 3 | 3 | 8 | 3 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | |
| B6C3F1 MICE FEMALE

0 PPM | | | |
| | | ANIMAL ID | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | |
| | | 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 |

ALIMENTARY SYSTEM

| | |
|-----------------------------------|-------|
| Esophagus | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 48 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | 48 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Basophilic Focus | | | | | | | | | | | | X | | | | | | | | | | | | | | 3 |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | 1 |
| Eosinophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 1.5 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 4 2.5 |
| Infiltration Cellular, Mixed Cell |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 67

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
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Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | DAY ON TEST | | |
|---------------------------------|--|-------------|----------|
| | | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
2 | 0
2
2 | 7
0
4 | 0
2
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 4
8
0 | 7
3
2 | |
| B6C3F1 MICE FEMALE

0 PPM | | ANIMAL ID | |
| | | 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 | 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 |

| | |
|-----------------------|-------|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 1 2.0 |

ENDOCRINE SYSTEM

| | |
|-----------------------------------|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Accessory Adrenal Cortical Nodule | | | 3 | | | | | | | 3 | | | | 3 | | | | | | | | | | 3 | | 9 3.0 |
| Hyperplasia, Focal | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 1.0 |
| Capsule, Hyperplasia | | | | | | | | | | 2 | | | | 2 | | | | | | | | | | | | 3 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 49 |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 1.5 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 46 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | M | + | 47 |
| Pars Distalis, Angiectasis | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 1.0 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | 3 | | | | | 3 | | 3 | | | | | 3 3.0 |
| Pars Distalis, Hyperplasia, Focal | 2 | | | | | 2 | | | | | | | | | | | 2 | | 1 | | | | | | | 5 1.6 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Follicle, Degeneration, Focal | 1 | 2 | | | 3 | | | | | | 2 | | | 2 | | | | | | 1 | | | 2 | | 1 | 15 2.1 |
| Follicular Cell, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |

GENERAL BODY SYSTEM

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

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Lab: SRI

| | | | | |
|-----------------------------|-------------|-----------------------|--|--|
| B6C3F1 MICE FEMALE
0 PPM | DAY ON TEST | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
2 | 0
2
2 | 7
0
4 | 0
2
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 4
8
0 | 7
3
2 | | |
| | ANIMAL ID | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
3
0 | 0
0
2
3
1 | 0
0
2
3
2 | 0
0
2
3
3 | 0
0
2
3
4 | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 0
0
2
3
8 | 0
0
2
3
9 | 0
0
2
4
0 | 0
0
2
4
1 | 0
0
2
4
2 | 0
0
2
4
3 | 0
0
2
4
4 | 0
0
2
4
5 | 0
0
2
4
6 | 0
0
2
4
7 | 0
0
2
4
8 | 0
0
2
4
9 | | |
| | * TOTALS | | | |
| | Tissue NOS | + | | | | | | | | | | | | | | | | | | 1 | | | | | | | |

GENITAL SYSTEM

| | |
|---------------------|--------|
| Clitoral Gland | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | I | + | M | + | + | + | + | + | + | + | 44 |
| Ovary | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Cyst | | 3 | | 3 | | | | | | | | | | | 3 | | | | | | | 3 | | | | | 16 3.0 |
| Hemorrhage | 2 | 2 | | | 2 | | | | | | | 2 | | | | | | | | | | | | | | | 7 2.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Hyperplasia, Cystic | 4 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | | 4 | | 3 | 3 | 2 | 3 | 2 | 4 | | 47 3.1 |

HEMATOPOIETIC SYSTEM

| | |
|------------------------------------|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | 2 | | | | | | | | | | | | | | | | | 3 | | | 5 2.4 |
| Infiltration Cellular, Histiocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | | | | 1 2.0 |
| Myelofibrosis | | | | | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Lymph Node |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |
| Mediastinal, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | 2 2.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 70

TDMS No. 99027 - 04
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Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|---------------------------------|--|-------------|----------|
| | | DAY ON TEST | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 0 | 7 | 7 | 7 | 7 | 4 | 7 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 3 | 3 | 3 | 3 | 8 | 3 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | |
| B6C3F1 MICE FEMALE

0 PPM | | | |
| | | ANIMAL ID | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | |
| | | 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 |

| | | | |
|----------------------------------|-----|-----|--|
| Pigmentation | 3 | | | | 3 | | | | 2 | | | | | | | | | | | | | | | | 7 | 2.9 | | |
| Lymph Node, Mesenteric | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | 2 | | 2 | | | | | | | 2 | 2.0 | |
| Hematopoietic Cell Proliferation | | | | 2 | | | | | | | 2 | | | | | | | | | | | | | | | 3 | 2.0 | |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | | | | 4 | 2.5 | |
| Spleen | + | 50 | | |
| Accessory Spleen | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 | | |
| Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 2 | 3.0 | |
| Hematopoietic Cell Proliferation | | | 2 | 3 | 2 | | | 2 | | | | | 1 | | 3 | | | | | | | | | 2 | 3 | 14 | 2.4 | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | 3 | | 3 | | | | | | | 2 | 3.0 | |
| Lymphoid Follicle, Hyperplasia | 2 | | | | | 2 | | | | | | | | | | | | | | | | | | | | 5 | 2.0 | |
| Thymus | + | 49 | | |
| Atrophy | | | | | | | | | | | | | | | | | 4 | | 3 | | | | | | | 2 | 3.5 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 2 | 3.0 | |

INTEGUMENTARY SYSTEM

| | | |
|------------------------|----|-----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Ulcer | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 | 4.0 |
| Epidermis, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1.0 |

MUSCULOSKELETAL SYSTEM

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

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|---|-------------|-------------------------------|----------|
| B6C3F1 MICE FEMALE
0 PPM | DAY ON TEST | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 0
2
2 | 7
0
2 | 0
2
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 4
8
0 | 7
3
2 | | |
| | ANIMAL ID | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
2
0 | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
5 | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
2
0 | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
5 | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | * TOTALS |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Bone
Fibrosis | | + | 50
4 2.3 | |
| Skeletal Muscle |  | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | |
| NERVOUS SYSTEM | | | |
| Brain
Compression | | + | 50
1 4.0 | |
| Peripheral Nerve
Atrophy | | | | | | | | | | | | | | | | | | | + | 3 | 2
1 3.0 | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | + | 2 | | | | | | | |
| RESPIRATORY SYSTEM | | | |
| Lung
Hemorrhage
Hyperplasia, Lymphoid
Capillary, Infiltration Cellular,
Polymorphonuclear | | + | 50
2 1.0
1 2.0
1 3.0 | |
| Nose |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Trachea |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
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Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|---------------------------------|--|-------------|----------|
| | | DAY ON TEST | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 0 | 7 | 7 | 7 | 7 | 4 | 7 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 2 | 3 | 3 | 3 | 3 | 8 | 3 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 0 | 2 | | |
| B6C3F1 MICE FEMALE

0 PPM | | | |
| | | ANIMAL ID | |
| | | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 2 | 2 | | |
| | | 2 | 2 | 2 | 2 | 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 |

SPECIAL SENSES SYSTEM

| | |
|-----------------|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cataract |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | 4 | | | | | | | | | | | | | | 1 4.0 |

URINARY SYSTEM

| | |
|-----------------------|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia, Lymphoid | | | | | | | 3 | | | | | | | | | | | | | | | | | | 2 2.5 |
| Infarct |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | 1 2.0 |
| Metaplasia, Osseous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Nephropathy | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | 7 1.1 |
| Urinary Bladder | + | 49 |
| Hyperplasia, Lymphoid | | | | 3 | 3 | | 2 | | | 2 | | | | | | | | | 1 | + | + | + | + | + | 6 2.5 |

TDMS No. 99027 - 04
Test Type: CHRONIC
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First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|--------------------------------|-------------|----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 3 | 3 | 3 | 3 | |
| | | |
| | ANIMAL ID | 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 | 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...) |

ALIMENTARY SYSTEM

| |
|-----------------------------------|
| Esophagus | + |
| Gallbladder | + | M | + |
| Intestine Large, Cecum | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum | + |
| Hyperplasia, Lymphoid |
| Liver | + |
| Angiectasis |
| Basophilic Focus | | | | | | X | | X | | | | | | X | X | | | | | | | | | | |
| Eosinophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | |
| Hyperplasia, Lymphoid | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | |
| Necrosis, Focal | | | | 1 | | | | 2 | | | | | | | | | 1 | | | | | | | | |
| Necrosis, Diffuse |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
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Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|--------------------------------|-------------|----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 3 | 3 | 3 | 3 |
| | | |
| | ANIMAL ID | 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 | 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...) |

ENDOCRINE SYSTEM

| |
|-----------------------------------|
| Adrenal Cortex | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Capsule, Hyperplasia | | | | | | | | | | | | | | | | 3 | | | | | | | | 2 | |
| Adrenal Medulla | + |
| Hyperplasia | 2 | |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis |
| Pars Distalis, Cyst |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | 2 | | | | | | | 1 | 1 | |
| Pars Intermedia, Hyperplasia | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Thyroid Gland | + |
| Ectopic Thymus | | | | 3 | |
| Follicle, Degeneration, Focal | 2 | 2 | 2 | | 1 | | | 2 | 2 | | | | | 2 | | | | | | 1 | 1 | 2 | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | 3 | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
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Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|--------------------------------|-------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
2 | 7
3
2 | 6
7
0 | 7
3
2 | 7
3
3 | 6
6
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | females
(cont...) | |
| | | | |
| | ANIMAL ID | 0
0
2
5
1 | 0
0
2
5
2 | 0
0
2
5
3 | 0
0
2
5
4 | 0
0
2
5
5 | 0
0
2
5
6 | 0
0
2
5
7 | 0
0
2
5
8 | 0
0
2
5
9 | 0
0
2
6
0 | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
6
5 | 0
0
2
6
6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
0 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | | 0
0
2
7
5 |
| | | | |
| | | | |

GENITAL SYSTEM

| |
|--------------------------------|
| Clitoral Gland | + |
| Ovary | + |
| Angiectasis |
| Cyst | | 3 | | 3 | | | | | | | | | | | 3 | | | 3 | | | | | 2 | | |
| Hemorrhage | | | 3 | 2 | 2 | | | | | 2 | | | 3 | | | | | | | 3 | | | | | 2 |
| Metaplasia, Lipocyte | | | | | 3 | |
| Interstitial Cell, Hyperplasia | | | | | 3 | | | | | | | | | | | | 2 | | | | 2 | | | | |
| Uterus | + |
| Hemorrhage | | 2 | |
| Hyperplasia, Cystic | 3 | 3 | 4 | 4 | 3 | 1 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 3 | 3 | 2 | 4 |

HEMATOPOIETIC SYSTEM

| |
|----------------------------------|
| Bone Marrow | + |
| Hyperplasia | | | 2 | | | | | 3 | 2 | | 2 | | | | | 2 | | | | | | | | | |
| Lymph Node | | | | | | | | | + | | + | | | | + | | | | + | | | | | | |
| Bronchial, Hyperplasia, Lymphoid | |
| Iliac, Hyperplasia, Histiocytic | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + |
| Hyperplasia, Lymphoid | | | | | | | | | 3 | | | | | | 4 | | | | | | | | | | |
| Pigmentation | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Lab: SRI

| | | | |
|--------------------------------|-------------|----------------------|--|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 3 | 3 | 3 | |
| | | | |
| | ANIMAL ID | 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 | |
| | 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...) | |

Lymph Node, Mesenteric

+ +

Spleen
Hematopoietic Cell Proliferation
Lymphoid Follicle, Hyperplasia

+
1 1 3 2 2
2 2

Thymus
Atrophy

+ + + + + + + + + + + + | + + + + + + + + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland
Hyperplasia

+
3

Skin
Ulcer
Hair Follicle, Atrophy

+
1
4

MUSCULOSKELETAL SYSTEM

Bone
Fibrosis

+
4 3 2 4 4

Skeletal Muscle

+

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 78

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|--------------------------------|-------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
2 | 7
3
2 | 6
7
0 | 7
3
2 | 7
3
3 | 6
6
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | females
(cont...) | |
| | | | |
| | ANIMAL ID | 0
0
2
5
1 | 0
0
2
5
2 | 0
0
2
5
3 | 0
0
2
5
4 | 0
0
2
5
5 | 0
0
2
5
6 | 0
0
2
5
7 | 0
0
2
5
8 | 0
0
2
5
9 | 0
0
2
6
0 | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
6
5 | 0
0
2
6
6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
0 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | | 0
0
2
7
5 |
| | | | |
| | | | |

NERVOUS SYSTEM

| |
|------------------|
| Brain | + |
| Compression | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | + | | | | | | | | | + | | | | |
| Atrophy | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | + | | | | | | | | | + | | | | |

RESPIRATORY SYSTEM

| |
|-----------------------------------|
| Lung | + |
| Hemorrhage | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | |
| Infiltration Cellular, Histiocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | |
| Alveolar Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----------------------|
| Eye | + |
| Inflammation, Chronic | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 79

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|--|-------------|-----------------------|--|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
3
3 | 7
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2 | 7
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| Harderian Gland
Hyperplasia, Focal | | + | |
| | | | | | | 1 | | | | | | | | | 3 | | | | | | | | | | | | |
| URINARY SYSTEM | | | |
| Kidney
Glomerulosclerosis
Metaplasia, Osseous
Nephropathy | | + | |
| | | 1 | | | | 1 | 1 | | | | | | 1 | | 1 | | 1 | | | | | 1 | | 1 | | 1 | |
| Urinary Bladder
Hyperplasia, Lymphoid | | + | |
| | | | | | | 2 | | | | | | | | | | | | | | | | | | | 3 | | |

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

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First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|--------------------------------|-------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
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3
2 | 7
3
2 | 7
3
2 | 6
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| | | | * TOTALS | |

ALIMENTARY SYSTEM

| | | | | |
|-----------------------------------|-----|---|----|-----|
| Esophagus | + | + | 49 | |
| Gallbladder | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Intestine Large, Cecum | + | A | + | + | 48 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 48 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Intestine Small, Duodenum | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Intestine Small, Ileum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 3 | | | | | | | | 1 | 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Angiectasis | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | |
| Basophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | 5 | | | |
| Eosinophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | | | |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.5 | | | |
| Infiltration Cellular, Mixed Cell |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 1.5 | | | |
| Necrosis, Focal | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | 1.3 | | | |
| Necrosis, Diffuse | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 1.0 | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|--------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
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| | * TOTALS | |

Hepatocyte, Vacuolization Cytoplasmic 1 3.0
Kupffer Cell, Hyperplasia 1 3.0

Mesentery 5
Hemorrhage 1 2.0
Infiltration Cellular, Lymphoid 1 3.0
Fat, Necrosis 3 2.7

Oral Mucosa 1

Pancreas + A + 48
Atrophy 4 4 2 4.0
Cyst 3 3 2 3.0
Acinus, Necrosis 1 2.0

Salivary Glands + + + + + + + + + + + M + + + + + + + + + + 48
Hyperplasia, Lymphoid 2 2 6 2.2

Stomach, Forestomach + 48
Epithelium, Hyperplasia 3 1 3.0

Stomach, Glandular + A + 47

CARDIOVASCULAR SYSTEM

Heart + 49
Mineralization 2 1 2.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically M .. Missing tissue
x .. Lesion present A .. Autolysis precludes evaluation
I .. Insufficient tissue BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 82

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|--------------------------------|-----------|------------------------------|
| B6C3F1 MICE FEMALE
2000 PPM | ANIMAL ID | DAY ON TEST | |
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* TOTALS |

ENDOCRINE SYSTEM

| | |
|-----------------------------------|--------|
| Adrenal Cortex | + | 49 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | 3 | | | 3 | 3 3.0 |
| Capsule, Hyperplasia | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | 4 2.3 |
| Adrenal Medulla | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Pars Distalis, Angiectasis | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Pars Distalis, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | | 1 3.0 |
| Pars Distalis, Hyperplasia, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 1.3 |
| Pars Intermedia, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Ectopic Thymus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Follicle, Degeneration, Focal | | | | | | 2 | | | | | 2 | | | | | 2 | 1 | | 3 | | 2 | | 1 | 17 1.8 |
| Follicular Cell, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 83

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Lab: SRI

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|------------------------------------|--|-----------------------|--|
| | | DAY ON TEST | | |
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| B6C3F1 MICE FEMALE

2000 PPM | | ANIMAL ID | | |
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| | | * TOTALS | | |

GENITAL SYSTEM

| | | |
|--------------------------------|--------|--------|
| Clitoral Gland | + | 49 | |
| Ovary | + | 49 | |
| Angiectasis | 1 2.0 | |
| Cyst | 3 | | | 3 | | 3 | 3 | | | 3 | | 3 | 3 | | | 3 | 3 | | 3 | | 3 | 3 | | 18 3.0 | |
| Hemorrhage | 3 | | 3 | | | | | | 3 | | 1 | | 2 | | 2 | | 3 | | 1 | | | | | 15 2.3 | |
| Metaplasia, Lipocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |
| Interstitial Cell, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | 4 2.5 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 | |
| Hyperplasia, Cystic | 3 | | 3 | 3 | 4 | 2 | 1 | | 2 | 3 | 3 | | 4 | | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 2 | 3 | 2 | 44 2.9 |

HEMATOPOIETIC SYSTEM

| | |
|----------------------------------|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hyperplasia | | 3 | | | 2 | | | | | | | 4 | 2 | | | | | | | | | 2 | | 10 2.4 |
| Lymph Node | | | | | + | | | | | | | + | | + | | | | | | + | | | | 8 |
| Bronchial, Hyperplasia, Lymphoid | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Iliac, Hyperplasia, Histiocytic | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | 3 | | | | | | | | | | 2 2.5 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | M | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | 3 | | | | | | | | | | 3 3.3 |
| Pigmentation | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 3 | 5 3.0 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 84

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Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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Lab: SRI

| | | |
|--------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
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| | * TOTALS | |

| | |
|----------------------------------|--------|
| Lymph Node, Mesenteric | + | A | + | 48 |
| Spleen | + | 49 |
| Hematopoietic Cell Proliferation | | 3 | | | 3 | | | | | | | 2 | | 1 | | 1 | | | | | | 3 | | 12 1.9 |
| Lymphoid Follicle, Hyperplasia | | | 2 | | | | | 2 | | | | | 2 | | | | | 2 | | | | | | 7 2.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Atrophy | | | | | | | | | 4 | | | | | | | | | | | | | | | 2 3.0 |

INTEGUMENTARY SYSTEM

| | |
|------------------------|-------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hyperplasia | | | | | | | | | 1 | | | | | | | | | | | | | | | 2 2.0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Hair Follicle, Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |

MUSCULOSKELETAL SYSTEM

| | |
|-----------------|-------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Fibrosis | 1 | | | | | 3 | | | | 3 | | | | | | 1 | | | | | | | | 9 2.8 |
| Skeletal Muscle | | | | | | | | | | | + | | | | | | | | | | | | | 2 |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

Page 85

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Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Lab: SRI

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|--------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
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| * TOTALS | | |

NERVOUS SYSTEM

| | | | |
|------------------|----|---|-----|
| Brain | + | 49 | 1 | 4.0 |
| Compression | | | |
| Peripheral Nerve | | + | | | 3 | 1 | 3.0 |
| Atrophy | | | |
| Spinal Cord |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |  |  | 3 | | |

RESPIRATORY SYSTEM

| | | | |
|-----------------------------------|----|---|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 2 | 2.0 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | 2 | | | | | | | | | | | | 3 | | | | 2 | 1.0 |
| Alveolar Epithelium, Hyperplasia | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------------|----|---|-----|
| Eye | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 | 2.0 |
| Inflammation, Chronic | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 86

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | | |
|---------------------------------------|-------------|-----------------------|---|-------------|
| B6C3F1 MICE FEMALE
2000 PPM | DAY ON TEST | 7
3
3 | 6
6
5 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
2 | 7
3
2 | 7
3
2 | 6
4
2 | 7
3
3 | 7
3
3 | 5
4
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | | |
| | ANIMAL ID | 0
0
2
7
6 | 0
0
2
7
7 | 0
0
2
7
8 | 0
0
2
7
9 | 0
0
2
8
0 | 0
0
2
8
1 | 0
0
2
8
3 | 0
0
2
8
4 | 0
0
2
8
5 | 0
0
2
8
6 | 0
0
2
8
7 | 0
0
2
8
8 | 0
0
2
8
9 | 0
0
2
9
0 | 0
0
2
9
1 | 0
0
2
9
2 | 0
0
2
9
3 | 0
0
2
9
4 | 0
0
2
9
5 | 0
0
2
9
6 | 0
0
2
9
7 | 0
0
2
9
8 | 0
0
3
9
9 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Harderian Gland
Hyperplasia, Focal | | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48
2 2.0 |
| | | | | |
| URINARY SYSTEM | | | | |
| | | | | |
| Kidney | | + | + | 49 |
| Glomerulosclerosis | | | 3 | | 1 3.0 |
| Metaplasia, Osseous | | | 1 | 1 1.0 |
| Nephropathy | | 1 | | | | | | | | | 1 | 1 | 4 | | | 1 | 1 | | | 1 | | | 2 | | | 17 1.2 |
| | | | | |
| Urinary Bladder | | + | + | 49 |
| Hyperplasia, Lymphoid | | | 2 | | | 3 2.3 |

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | | |
|---------------------------------|-------------|----------------------|-----------------------|-----------------------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7
3
6 | 7
3
6 | 2
8
9 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 6
0
9 | 7
2
2 | 6
3
8 | females
(cont...) | | |
| | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | 0
0
3
1
0 | 0
0
3
1
1 | 0
0
3
1
1 | 0
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3
1
1 | 0
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3
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1 | 0
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3
1
1 | 0
0
3
1
1 | 0
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3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
2
0 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | | 0
0
3
2
4 | 0
0
3
2
5 |
| | | | | |
| | | | | |
| | | | | |

females
(cont...)

ALIMENTARY SYSTEM

| | |
|---|---|
| Esophagus | + |
| Gallbladder | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid
Necrosis | + |
| Intestine Large, Colon
Necrosis | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum | + |
| Liver | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | X | X | | | | | | | | | | | | | | | |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Hyperplasia, Lymphoid | | | | 2 | | | | 2 | | | | 2 | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | 3 | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Mixed Cell Focus | | | | X | | | | | | | | | | | | | X | | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 88

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | | |
|---------------------------------|-------------|----------------------|-----------------------|--|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7
3
6 | 7
3
6 | 2
8
9 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
0 | 6
2
9 | 7
3
2 | 6
2
8 | females
(cont...) | | |
| | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | 0
0
3
1
0 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
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3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
2
0 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | | 0
0
3
2
5 | |
| | | | | |
| | | | | |
| | | | | |

Necrosis, Focal
Kupffer Cell, Hyperplasia 1

Mesentery
Fat, Necrosis +

Pancreas
Acinus, Cytoplasmic Alteration + 3

Salivary Glands
Atrophy
Hyperplasia, Lymphoid + 1

Stomach, Forestomach
Diverticulum
Epithelium, Hyperplasia + X 3

Stomach, Glandular
Foreign Body
Epithelium, Hyperplasia + 3

CARDIOVASCULAR SYSTEM

Heart
Cardiomyopathy
Inflammation, Chronic + 2 1 1

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 89

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7
3
6 | 7
3
6 | 2
8
9 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 6
2
9 | 7
3
2 | 6
2
8 |
| | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
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5 | 0
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3
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6 | 0
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7 | 0
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3
0
8 | 0
0
3
0
9 | 0
0
3
1
0 | 0
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1 | 0
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3
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3
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1 | 0
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1 | 0
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1 | 0
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3
1
1 | 0
0
3
2
1 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 |
| | | |
| | | females (cont...) | |

| |
|-----------------------------------|
| Adrenal Cortex | + |
| Accessory Adrenal Cortical Nodule | | | | | | 3 | | | 3 | | | | 3 | | 3 | | | 3 | | 3 | | | 3 | |
| Hyperplasia, Focal |
| Capsule, Hyperplasia | | | 2 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + |
| Hyperplasia | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | M | + | + |
| Cyst |
| Pituitary Gland | + |
| Pars Distalis, Angiectasis | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | | | | | 2 | | | | | | 2 | | | | | | | | | | | | | |
| Thyroid Gland | + |
| Follicle, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |
| Follicle, Degeneration, Focal | | | | 2 | 2 | 1 | 2 | 1 | | 1 | 3 | | 3 | 2 | | 3 | 1 | 1 | 2 | 3 | | | | 2 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | | |
|----------------------------------|-----------|
| DAY ON TEST | | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 2 | 3 | 2 | |
| | | 6 | 6 | 9 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 8 | |
| B6C3F1 MICE 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 | 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 | |
| Clitoral Gland | | + | | |
| Ovary | | + | | |
| Cyst | | | | | | 3 | | | | 3 | 3 | 3 | | 3 | | | | | 3 | | | | | 3 | | | |
| Hemorrhage | | 2 | | | | | 2 | | | | | | | 2 | | | | | | | | | 2 | 3 | | | |
| Granulosa Cell, Hyperplasia | |
| Interstitial Cell, Hyperplasia | |
| Uterus | | + | | |
| Angiectasis | |
| Hyperplasia, Cystic | | 3 | 3 | | 4 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 2 | 4 | 4 | 4 | 2 | 4 | | 3 | 4 | |
| HEMATOPOIETIC SYSTEM | |
| Bone Marrow | | + | |
| Hyperplasia | | | | | | | | | | | | | | | 2 | | | | | | | | | 3 | 3 | 3 | 3 |
| Lymph Node | | + | + | | + |
| Iliac, Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |
| Renal, Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |
| Lymph Node, Mandibular |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | |
| Hemorrhage | |
| Hyperplasia, Lymphoid | | | | | 2 | | | | 3 | | | | 3 | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | 3 | 3 | | | | | | 3 | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | | + | |
| Hematopoietic Cell Proliferation | |
| Hemorrhage | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7
3
6 | 7
3
6 | 2
8
9 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 6
2
9 | 7
3
2 | 6
2
8 | |
| | | |
| | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
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5 | 0
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6 | 0
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7 | 0
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8 | 0
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3
1
2 | 0
0
3
2
2 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 |
| | | |
| | females
(cont...) | |

| |
|----------------------------------|
| Hyperplasia, Lymphoid | 3 | |
| Spleen | + |
| Accessory Spleen | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | 4 | | | | | | | 4 | 3 | 3 | 4 |
| Lymphoid Follicle, Hyperplasia | | | | 3 | 2 | 3 | | 2 | | 2 | | | | | | | | 2 | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | | | | | | | | | | | 2 | | | | | |

INTEGUMENTARY SYSTEM

| |
|------------------------|
| Mammary Gland | + |
| Hyperplasia | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Skin | + |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |
| Epidermis, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |

MUSCULOSKELETAL SYSTEM

| |
|-----------------|
| Bone | + |
| Fibrosis | | | | | | 3 | | | | | | 2 | | 2 | 3 | | | | | | 1 | | | | |
| Skeletal Muscle | | | | | | | + | | | | | | | | | | | | | | | | + | | |

NERVOUS SYSTEM

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|---------------------------------|-------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7
3
6 | 7
3
6 | 2
8
9 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 6
2
9 | 7
3
2 | 6
2
8 | females
(cont...) | |
| | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
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3
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9 | 0
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3
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1 | 0
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1 | 0
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3
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1 | 0
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3
1
2 | 0
0
3
2
2 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | | 0
0
3
2
5 |
| | | | |
| | | | |
| | | | |

females
(cont...)

| |
|------------------------------------|
| Brain
Compression
Hemorrhage | + |
| Peripheral Nerve
Atrophy | | | + | |
| Spinal Cord | | | + | |

RESPIRATORY SYSTEM

| | |
|--|---|
| Lung
Hemorrhage
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte
Alveolar Epithelium, Hyperplasia | + |
| Nose
Inflammation, Chronic | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|------------------------------|
| Eye
Inflammation, Chronic | + |
|------------------------------|

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
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Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7
3
6 | 7
3
6 | 2
8
9 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 6
2
9 | 7
3
2 | 6
2
8 |
| | ANIMAL ID | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | 0
0
3
1
0 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
1
1 | 0
0
3
2
1 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 |
| | | |
| | | |
| | | | females
(cont...) |

Cornea, Hyperplasia

Harderian Gland

Zymbal's Gland

URINARY SYSTEM

| |
|-------------------------------------|
| Kidney | + |
| Cyst |
| Glomerulosclerosis |
| Hyperplasia, Lymphoid |
| Infarct |
| Metaplasia, Osseous |
| Nephropathy |
| Renal Tubule, Accumulation, Hyaline | |
| Droplet |
| Urinary Bladder | + |
| Hyperplasia, Lymphoid |
| Inflammation, Chronic |

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 2 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| | 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 | 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 |
| | | * TOTALS | |

ALIMENTARY SYSTEM

| | |
|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid
Necrosis | + | 50 |
| | | | | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |
| | | | | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |
| Intestine Large, Colon
Necrosis | + | 50 |
| | | | | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basophilic Focus | | | | | X | | | | | | | | | | | | | | | X | | | | | 4 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.0 |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | 1 | | | | | | 3 2.0 |
| Mixed Cell Focus | | | | | | | | | | | | | X | | | | | | | | | | | | 3 |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
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Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 2 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| | 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 | 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 |
| | | * TOTALS | |

| | |
|---|----------------------|
| Necrosis, Focal
Kupffer Cell, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | 4 1.0
1 3.0 |
| Mesentery
Fat, Necrosis | | | | | + | | | | | + | | + | | | | | | | | | | | | | | 4
3 2.7 |
| Pancreas
Acinus, Cytoplasmic Alteration | + | 50
1 3.0 |
| Salivary Glands
Atrophy
Hyperplasia, Lymphoid | + | + | + | M | + | 49
1 1.0
3 2.0 |
| Stomach, Forestomach
Diverticulum
Epithelium, Hyperplasia | + | 50
2
1 3.0 |
| Stomach, Glandular
Foreign Body
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1
2 2.5 |

CARDIOVASCULAR SYSTEM

| | |
|--|----------------------|
| Heart
Cardiomyopathy
Inflammation, Chronic | + | 50
1 2.0
2 1.0 |
|--|----------------------|

ENDOCRINE SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 2 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| | 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 | 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 |
| | | * TOTALS | |

| | |
|-----------------------------------|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Accessory Adrenal Cortical Nodule | | 3 | | | | | | | | | | | 3 | 3 | | | | | | 3 | | | | | 11 3.0 |
| Hyperplasia, Focal | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Capsule, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | 2 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 45 |
| Cyst | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Pars Distalis, Hyperplasia, Focal | | | 1 | | | | | | | | | 1 | | | | | | | 1 | | | | | | 5 1.4 |
| Thyroid Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Follicle, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Follicle, Degeneration, Focal | | | | | 1 | 2 | 3 | | | 2 | 2 | | | 2 | 2 | | | | | | 2 | 3 | | | 24 2.0 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Requested: 09/26/2006
Time Report Requested: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | |
|---------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7
3
2 | 7
3
2 | 7
3
2 | 7
2
6 | 7
3
2 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
3 | 6
9
2 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | | |
| | <hr/> | | |
| | ANIMAL ID | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
0
3
3
0 | 0
0
3
3
1 | 0
0
3
3
2 | 0
0
3
3
3 | 0
0
3
3
4 | 0
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3
3
5 | 0
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6 | 0
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7 | 0
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8 | 0
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9 | 0
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1 | 0
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2 | 0
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4 | 0
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5 | 0
0
3
3
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
3
9 | |
| | * TOTALS | | |

| | |
|--------------------------------|--------|
| Clitoral Gland | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 48 |
| Ovary | + | + | + | M | + | 49 |
| Cyst | 3 | | | | | | | | | | | 3 | 3 | 3 | | | 3 | | | | | 3 | 3 | | | | 14 3.0 |
| Hemorrhage | | | 1 | | | | 2 | 2 | 1 | | | | | | | 2 | | | | | | | | | | | 10 1.9 |
| Granulosa Cell, Hyperplasia | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Cystic | 3 | 4 | 3 | | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | | 4 | 4 | 4 | 3 | 4 | 3 | | 45 3.3 |

HEMATOPOIETIC SYSTEM

| | |
|----------------------------------|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | 2 | | | | | | | | | | | 2 | | | 3 | | | | | | | | | 8 2.6 |
| Lymph Node |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |  |  |  |  |  | 4 |
| Iliac, Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Renal, Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Lymph Node, Mandibular | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 46 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | | | 1 1.0 |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | | | | | | | 2 | | | | | | | | 2 | | | 6 2.3 |
| Pigmentation | | | | | | | | 3 | | | | | | | 3 | | 3 | | | | | | | | | | 6 3.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hematopoietic Cell Proliferation | | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Hemorrhage | | | | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

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CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

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Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 2 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| | 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 | 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 |
| | | * TOTALS | |

| | | |
|----------------------------------|-----|--------|
| Hyperplasia, Lymphoid | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 3 2.7 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Accessory Spleen |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hematopoietic Cell Proliferation | 1 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 2.6 |
| Lymphoid Follicle, Hyperplasia | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 11 2.3 |
| Thymus | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.0 |

INTEGUMENTARY SYSTEM

| | |
|------------------------|-------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Epidermis, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |

MUSCULOSKELETAL SYSTEM

| | |
|-----------------|-------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7 2.1 |
| Skeletal Muscle | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 99

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

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Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 2 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 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 |
| | | * TOTALS | |

| | |
|------------------|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | 3 | | | | | | 1 3.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | + | | | | | | | | | | 2 |
| Atrophy | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 1.0 |
| Spinal Cord | | | | | | | | | | | | | | | + | | | | | | | | | | 2 |

RESPIRATORY SYSTEM

| | |
|-----------------------------------|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemorrhage | | | | | | | | | | | | 2 | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Infiltration Cellular, Histiocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Trachea | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

SPECIAL SENSES SYSTEM

| | |
|-----------------------|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 1.0 |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 100

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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CAS Number: 27882-76-4
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Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
10000 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 2 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| | 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 | 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 |
| | | * TOTALS | |

| | |
|---------------------|-------|
| Cornea, Hyperplasia | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Harderian Gland | + |
| Zymbal's Gland | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

URINARY SYSTEM

| | |
|-------------------------------------|-------|
| Kidney | + |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 50 |
| Glomerulosclerosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Infarct |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.3 |
| Metaplasia, Osseous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 |
| Nephropathy | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 1.5 |
| Renal Tubule, Accumulation, Hyaline | |
| Droplet | |
| Urinary Bladder | + |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 50 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 101

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CHROMIUM PICOLINATE MONOHYDRATE

CAS Number: 27882-76-4

Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006

Time Report Reqsted: 08:19:02

First Dose M/F: 07/29/02 / 07/29/02

Lab: SRI[illegible]

ALIMENTARY SYSTEM

[illegible]

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

+ .. Tissue examined microscopically

x .. Lesion present

Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

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First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | | | | | | | | |
|--|-------------|---|-----------------------|---|--|--|--|--|--|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6
2
8 | 6
5
5 | 7
3
3 | 7
3
3 | 6
5
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 2
3
5 | 6
7
4 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | | | | | | |
| | ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
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3 | 0
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3
5
4 | 0
0
3
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1 | 0
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2 | 0
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3
7
3 | 0
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3
7
4 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Accessory Adrenal Cortical Nodule
Hyperplasia, Focal | | 3 | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | | + | | | | | | | |
| Islets, Pancreatic | | + | | | | | | | |
| Parathyroid Gland
Cyst | | M | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | | | | | |
| Pituitary Gland
Pars Distalis, Cyst
Pars Distalis, Hyperplasia, Focal | | + | | | | | | | |
| | | | | | | | | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | |
| Thyroid Gland
Follicle, Degeneration, Focal
Follicular Cell, Hyperplasia | | + | | | | | | | |
| | | 1 1 3 1 3 1 2 2 2 2 | | | | | | |
| | | 1 | | | | | | | |

females
(cont...)

GENERAL BODY SYSTEM

Tissue NOS
Autolysis

GENITAL SYSTEM

Clitoral Gland

TDMS No. 99027 - 04
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Species/Strain: MICE/B6C3F1

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| | | |
|---------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 6 | 7 | 7 | 7 | 7 |
| | | 2 | 5 | 3 | 3 | 5 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 2 | 2 | 2 | 2 |
| | | 8 | 5 | 3 | 3 | 9 | 9 | 9 | 9 | 9 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | 9 | 9 | 9 | 9 |
| | 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 |
| | | 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...) | |
| Ovary | | + | + |
| Angiectasis | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Cyst | | | | 3 | | | 3 | 3 | | 3 | 3 | 3 | | | 3 | | 3 | 3 | | | 3 | 3 | | | |
| Hemorrhage | | | | 3 | | | 2 | 3 | | | | | 2 | | | 2 | | | | | | | | | |
| Uterus | | + | + |
| Angiectasis | | |
| Hemorrhage | | |
| Hyperplasia, Cystic | | | | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 2 | | 2 | 3 | 4 | 2 | 3 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | 2 | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| |
|----------------------------------|
| Bone Marrow | + |
| Hyperplasia | | 3 | | 3 | 3 | | | | | 3 | | | | | 2 | | | | | 2 | | | | |
| Lymph Node | | + | | | | | | | | + | | | | | | | | | | | | | | |
| Iliac, Hemorrhage |
| Renal, Hyperplasia, Lymphoid | | 3 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Hyperplasia, Lymphoid | 3 | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Pigmentation |
| Lymph Node, Mesenteric | + |
| Hematopoietic Cell Proliferation | | | | 3 | |
| Hemorrhage |
| Hyperplasia, Lymphoid | | | | 3 | 3 | | | | | | | | | | | | | | | | | | | 3 |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Lab: SRI

| | | |
|---------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 6 | 7 | 7 | 7 | 7 |
| | | 2 | 5 | 3 | 3 | 5 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 2 | 2 | 2 | 2 |
| | | 8 | 5 | 3 | 3 | 9 | 9 | 9 | 9 | 9 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | 9 | 9 | 9 | 9 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 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 |
| | | 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...) | |

| |
|----------------------------------|
| Spleen | + |
| Hematopoietic Cell Proliferation | 1 | 4 | | 2 | | | | | | 4 | | | | 3 | | 3 | | | | 2 | 2 | | 3 | |
| Lymphoid Follicle, Hyperplasia | | | | | 3 | 2 | | | | | | | | | | | | | | | | | | 3 |
| Thymus | + | + | + | + | + | + | + | + | + | \| | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | 3 | |

INTEGUMENTARY SYSTEM

| |
|-----------------------|
| Mammary Gland | + |
| Hyperplasia | | | | 2 | |
| Skin | + |
| Edema |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | |
| Inflammation, Chronic | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | | |

MUSCULOSKELETAL SYSTEM

| |
|------------------------------|
| Bone | + |
| Fibrosis | | | | | | | | | | | 2 | | 2 | 4 | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | + | | | | | | | | | | + | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | |

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Lab: SRI

| | | |
|---------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6
2
8 | 6
5
5 | 7
3
3 | 7
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3 | 6
5
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
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6 | 2
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7
4 | 7
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9 | 7
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9 | |
| | ANIMAL ID | 0
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| | | |
| | | |
| | | females (cont...) | |

| |
|-------------|
| Brain | + |
| Compression | 2 | |
| Glios |

RESPIRATORY SYSTEM

| | |
|---|---|
| Lung | + |
| Hemorrhage | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | 2 | | | | | | | | 2 | | | | | 2 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | 1 | |
| Thrombosis | |
| Alveolar Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Capillary, Infiltration Cellular, Polymorphonuclear | |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

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

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Lab: SRI

| | | |
|---------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6
2
8 | 6
5
5 | 7
3
3 | 7
3
3 | 6
5
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
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9 | 7
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9 | 7
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6 | 7
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6 | 7
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3
6 | 7
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6 | 2
3
5 | 6
7
4 | 7
2
9 | 7
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9 | 7
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9 | 7
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9 | |
| | ANIMAL ID | 0
0
3
5
1 | 0
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4 | 0
0
3
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7 | 0
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5 |
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| | | |
| | | |
| | | |
| | | |

females (cont...)

URINARY SYSTEM

| | |
|---|---|
| Kidney | + |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | 2 | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Nephropathy | 1 | | | | 1 | | | 1 | 1 | | | | | | | 1 | | | | 1 | | | 1 | 2 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Renal Tubule, Dilatation, Diffuse | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | 1 | |
| Renal Tubule, Pigmentation |
| Urinary Bladder | + |
| Hyperplasia, Lymphoid | | | | | | | | | | 2 | | | | | | | | | | | 3 | | | 3 |

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| | | |
|---------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6
1
4 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
6 | 7
3
6 | 7
3
6 | 6
7
3 | 7
3
6 | 5
9
4 | 7
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6 | 7
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6 | 6
1
7 | 7
3
3 | 7
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3 | 7
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3 |
| | ANIMAL ID | 0
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3
7
6 | 0
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0
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3 | 0
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3
9
4 | 0
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3
9
5 | 0
0
3
9
6 | 0
0
3
9
7 | 0
0
3
9
8 | 0
0
3
9
9 |
| | * TOTALS | |

ALIMENTARY SYSTEM

| | |
|-----------------------------------|-------|
| Esophagus | + | 50 |
| Gallbladder | + | 49 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | 3 2.0 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | 1 2.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Infiltration Cellular, Mixed Cell |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 2.0 |
| Necrosis, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 1.0 |
| Centrilobular, Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | | | |
| | | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | | 4 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 3 | 6 | 4 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 7 | 3 | 3 | | |
| | | |
| ANIMAL ID | 0 | 0 | | | |
| | 0 | 0 | | | |
| | 3 | 3 | 4 | | | |
| | 7 | 7 | 7 | 7 | 8 | 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 | 0 | * TOTALS |

| | |
|--------------------------------|-------|
| Mesentery | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7 |
| Fat, Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 2.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Acinus, Cytoplasmic Alteration |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 |
| Salivary Glands | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 2.1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 1.5 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Erosion | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.0 |

CARDIOVASCULAR SYSTEM

| | |
|--------------|----|
| Blood Vessel | + | | 1 |
| Heart | + | 50 |

ENDOCRINE SYSTEM

| | |
|----------------|----|
| Adrenal Cortex | + | 50 |
|----------------|----|

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+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 |
| | | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 1 | 3 | 3 | 3 |
| | | 4 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 3 | 6 | 4 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 7 | 3 | 3 | 3 | 3 |
| | | 0 | 0 |
| | ANIMAL ID | 0 | 0 |
| | | 3 | 3 | 4 |
| | | 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 |
| | | * TOTALS | |

| | |
|--|-----------------------|
| Accessory Adrenal Cortical Nodule
Hyperplasia, Focal | 3 | 3 | 3 | | 5 3.0
1 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland
Cyst | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 46
1 3.0 |
| Pituitary Gland
Pars Distalis, Cyst
Pars Distalis, Hyperplasia, Focal | + | + | + | + | + | + | + | + | + | + | + | 3 | 3 | + | + | + | + | + | + | + | + | + | + | 50
2 3.0
2 1.0 |
| Thyroid Gland
Follicle, Degeneration, Focal
Follicular Cell, Hyperplasia | + | 50
16 1.9
3 1.0 |

GENERAL BODY SYSTEM

| | | |
|------------|---|---|
| Tissue NOS | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Autolysis | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

GENITAL SYSTEM

| | |
|----------------|----|
| Clitoral Gland | + | 49 |
|----------------|----|

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | |
|---------------------------------|-------------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | |
| | | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 4 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 3 | 6 | 4 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 7 | 3 | 3 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 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 |
| | * TOTALS |

| | |
|----------------------|--------|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Cyst | | | | | 3 | | | | | | | | 3 | 3 | 3 | | | 3 | | | | | 3 | 3 | 18 3.0 |
| Hemorrhage | | | | | | 4 | | | | 2 | | 2 | | | | | | 2 | | | 3 | | | | 10 2.5 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | 3 | | | 3 | | | | | | | 4 | | | | | 3 3.3 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | 4 | | | | | | 1 4.0 |
| Hyperplasia, Cystic | 4 | 3 | 4 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | | 2 | 3 | 2 | 2 | | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 44 3.0 |
| Metaplasia, Squamous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |

HEMATOPOIETIC SYSTEM

| | |
|----------------------------------|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | 3 | | | | | | 2 | | | | 4 | | | | | 2 | 10 2.7 |
| Lymph Node | + | | | | | | | | | | + | | | | | | | | | | | | | | 4 |
| Iliac, Hemorrhage | | | | | | | | | | | 3 | | | | | | | | | | | | | | 1 3.0 |
| Renal, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Lymph Node, Mandibular | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 |
| Pigmentation | | | | | | | | | | | 3 | | | | | 3 | | | | | | | | | 2 3.0 |
| Lymph Node, Mesenteric | + | + | + | + | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Hemorrhage | | | | | | | | 2 | | | | | | 3 | | | | | | | | | | | 2 2.5 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3.0 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | DAY ON TEST | |
|---------------------------------|--|-------------|----------|
| | | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | | | |
| | | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | |
| | | 4 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 3 | 6 | 4 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 7 | 3 | 3 | 3 | 3 | |
| B6C3F1 MICE FEMALE
50000 PPM | | | |
| | | ANIMAL ID | |
| | | 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 | 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 |

| | | |
|----------------------------------|----|-----|
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | 1 | | 3 | | | | | 2 | | | | 4 | | | | 1 | 11 | 2.5 |
| Lymphoid Follicle, Hyperplasia | | | | | | 3 | | | | | 3 | | | | | | | | | | | | | 2 | | 9 | 2.6 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 48 | |
| Atrophy | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 3.0 |

INTEGUMENTARY SYSTEM

| | | |
|-----------------------|----|-----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Edema | | | | | | | | | | 2 | | 2 | | | | | | | | | | | | | | 3 | 2.0 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1.0 |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |

MUSCULOSKELETAL SYSTEM

| | | |
|------------------------------|----|-----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Fibrosis | | | 2 | | | | | | | | | 2 | | | | | | | | | | | | | | 5 | 2.4 |
| Skeletal Muscle |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | |
| Inflammation, Chronic Active |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 |
| | | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 1 | 3 | 3 | 3 |
| | | 4 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 3 | 6 | 4 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 7 | 3 | 3 | 3 |
| | ANIMAL ID | 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 | 0 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | * TOTALS | |

| | |
|-------------|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Gliosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |

RESPIRATORY SYSTEM

| | |
|---|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 1.7 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 2.0 |
| Infiltration Cellular, Histiocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Thrombosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Alveolar Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Capillary, Infiltration Cellular, Polymorphonuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |

| | |
|---------|----|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 99027 - 04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
CHROMIUM PICOLINATE MONOHYDRATE
CAS Number: 27882-76-4
Pathologist: HEATH, J. - Blackshear, P. - Unknown, U.

Date Report Reqsted: 09/26/2006
Time Report Reqsted: 08:19:02
First Dose M/F: 07/29/02 / 07/29/02
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
50000 PPM | DAY ON TEST | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | | | |
| | | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 9 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | | 4 | 3 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 3 | 6 | 4 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 7 | 3 | 3 | | |
| | | |
| ANIMAL ID | 0 | 0 | | | |
| | 0 | 0 | | | |
| | 3 | 3 | 4 | | | |
| | 7 | 7 | 7 | 7 | 8 | 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 | 0 | * TOTALS |

URINARY SYSTEM

| | | |
|---|----|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | 2 | | | | | | | | | | | 3 | | | | | | | | | | 4 2.3 |
| Infarct |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Metaplasia, Osseous | | | | | | | | | 2 | | | | | | | | 1 | | | | | 1 | | | | 4 1.8 |
| Nephropathy | 1 | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | | 11 1.1 |
| Renal Tubule, Accumulation, Hyaline Droplet | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.5 |
| Renal Tubule, Dilatation, Diffuse |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Renal Tubule, Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Renal Tubule, Pigmentation | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 2 | | | | | | | | 2 | | 5 2.4 |

*** END OF REPORT ***