

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.
F1_M3_CORE

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

C Number: C96019

Lock Date: 07/14/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25021 TSAC 25020 NATD 25019 MSAC

Removal Date Range: ALL

Treatment Groups: Include ALL

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B6C3F1 MICE MALE 0 MG/L	DAY ON TEST	7	7	7	3	7	7	6	7	7	6	7	7	7	7	7	5	7	5	7	6	7	7	7	7	5
		3	2	3	2	2	2	8	3	3	1	3	3	3	2	3	2	3	9	3	7	3	2	2	3	6
		4	9	0	8	9	9	2	1	1	7	1	0	0	9	1	6	0	5	4	4	1	9	9	0	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	0	0	0	0
		0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	3	3	3	3
		1	2	3	4	5	6	8	9	0	1	2	4	5	8	9	0	1	4	5	6	9	0	1	2	4
																										males (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ulcer							4																			
Gallbladder	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Edema																				2						
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition							4																			
Angiectasis							3																	3		
Basophilic Focus			X													X										
Clear Cell Focus			X	X		X						X							X		X					
Eosinophilic Focus	X		X								X	X	X				X		X			X		X		
Fibrosis																										

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		DAY ON TEST																											
		7 3 4	7 2 9	7 3 0	3 2 8	7 2 9	7 2 9	6 8 2	7 3 1	7 3 1	6 1 7	7 3 1	7 3 3	7 2 3	7 3 1	5 2 6	7 3 0	5 9 5	7 3 4	6 7 4	7 3 1	7 2 9	7 2 9	7 3 0	5 6 3				
																													
B6C3F1 MICE MALE		ANIMAL ID																											
0 MG/L		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 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 4	0 0 0 0 5	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 4	males (cont...)	
Hematopoietic Cell Proliferation		2																											
Hemorrhage		2																											
Infarct																													
Infiltration Cellular, Mixed Cell																													
Mixed Cell Focus		X																											
Necrosis, Focal		1																											
Regeneration		4																											
Bile Duct, Cyst Multilocular																													
Centrilobular, Necrosis		1																											
Hepatocyte, Vacuolization Cytoplasmic		3																											
																													
Mesentery																													
Fat, Necrosis		+ +																											

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	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	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3
		1	2	3	4	5	6	8	9	0	1	2	4	5	8	9	0	1	4	5	6	9	0	1	2	4

males
(cont...)

Malformation X

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																	3									
Degeneration, Fatty																										
Hyperplasia, Focal		1																								
Hypertrophy, Focal	2		1			1									1											
Capsule, Hyperplasia	2												2						3							
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia	3	2	3		2		2		2	2		2		2		1			3	2	3	2	2			
Parathyroid Gland	M	M	M	+	M	M	+	M	+	+	M	+	M	+	+	M	M	+	+	+	M	M	M	M	+	

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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	3	3	3	3
		1	2	3	4	5	6	8	9	0	1	2	4	5	8	9	0	1	4	5	6	9	0	1	2	4
		males (cont...)																								

Pituitary Gland Pars Distalis, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	3																								
Thyroid Gland Follicle, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Degeneration, Focal	3																								
Follicular Cell, Hyperplasia	1 2 3 1 2 2 3 1 3 3 2 2 2 2 3																								

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Coagulating Gland	+																								
Epididymis Granuloma Sperm Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	2																								
Penis																									
Preputial Gland Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic	1																								
Duct, Ectasia	2	3	3	3	3		4	4		3	2	2	2		4	4	2	4	4	3	2	3	2	2	3
Prostate Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	3	3	3	3
		1	2	3	4	5	6	8	9	0	1	2	4	5	8	9	0	1	4	5	6	9	0	1	2	4
		males (cont...)																								

Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration																									
Inflammation, Chronic									3				2												
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																									
Germinal Epithelium, Atrophy																			2				1		

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia		1	2	3		1	2	4		2	1	3	2			2		2		1					3
Lymph Node								+																	
Iliac, Hyperplasia, Lymphoid								3																	
Iliac, Pigmentation								2																	
Mediastinal, Hyperplasia, Lymphoid								2																	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy											3														
Hematopoietic Cell Proliferation								2																	
Hyperplasia, Lymphoid	3												2		3				2	2					
Lymph Node, Mesenteric	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy						2																			
Hematopoietic Cell Proliferation												2													
Hemorrhage						3																	2	1	
Hyperplasia, Lymphoid												2	3												

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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	3	3	3	3
		1	2	3	4	5	6	8	9	0	1	2	4	5	8	9	0	1	4	5	6	9	0	1	2	4
		males (cont...)																								

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation				1		1	2	4				1	3		2		1						2	3	
Lymphoid Follicle, Atrophy																									
Lymphoid Follicle, Hyperplasia																					2				
Thymus	M	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Atrophy					2		3	3	3							3							3	3	
Cyst					3									3										3	

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ulcer								4																	
Epidermis, Hyperplasia								4																	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle								+																+	
Atrophy																								1	

NERVOUS SYSTEM

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

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		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 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 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	0 0 0 0 3	0 0 0 0 3	0 0 0 0 3	0 0 0 0 4	males (cont...)		
Brain Hemorrhage		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Peripheral Nerve Atrophy																											+ 3		
Spinal Cord																											+		
RESPIRATORY SYSTEM																													
Lung Foreign Body Hemorrhage		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Inflammation, Suppurative Alveolar Epithelium, Hyperplasia																											1		
		3																										4 2	
																											2		
																											2		
Nose Foreign Body Inflammation, Chronic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
SPECIAL SENSES SYSTEM																													
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

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2) Mild 4) Marked

Page 8

Lab: SRI

B6C3F1 MICE MALE 0 MG/L	DAY ON TEST	7 3 4	7 2 9	7 3 0	3 2 8	7 2 9	7 2 9	6 8 2	7 3 1	7 3 1	6 1 7	7 3 1	7 3 0	7 2 9	7 3 1	5 2 6	7 3 0	5 9 5	7 3 4	6 7 4	7 3 1	7 2 9	7 2 9	7 3 0	5 6 3	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 8	0 0 0 0 9	0 0 0 1 0	0 0 0 1 1	0 0 0 1 2	0 0 0 1 4	0 0 0 1 5	0 0 0 1 8	0 0 0 1 9	0 0 0 2 0	0 0 0 2 1	0 0 0 2 4	0 0 0 2 5	0 0 0 3 9	0 0 0 3 0	0 0 0 3 1	0 0 0 3 2		

[illegible]

URINARY SYSTEM

[illegible]

2) Mild 4) Marked

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Ulcer																									1 4.0
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	45
Intestine Large, Cecum	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Edema																									1 2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	47
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Amyloid Deposition																									1 4.0
Angiectasis																									2 3.0
Basophilic Focus						X				X													X		5
Clear Cell Focus			X		X						X				X	X	X			X		X	X		15
Eosinophilic Focus						X	X	X				X	X	X	X		X		X		X	X			20
Fibrosis									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

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TDMS No. 96019 - 06
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 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

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CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Requested: 08/21/2006
Time Report Requested: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

		DAY ON TEST																									
		5	7	7	6	7	6	7	7	7	7	7	7	7	7	7	6	6	7	7	7	7	7	7	7	7	
		5	3	3	2	3	7	2	3	3	2	3	3	3	3	3	4	3	3	2	3	3	3	3	3	3	
		5	0	1	1	1	4	9	1	1	9	4	1	4	0	1	4	4	0	4	9	0	0	1	4	1	
B6C3F1 MICE MALE																											
0 MG/L																											

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

Malformation 1

CARDIOVASCULAR SYSTEM

Blood Vessel	+ 2																							
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiomyopathy		1		2																				4 1.5
Inflammation, Chronic													2				2							3 2.0
Mineralization							3																	1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Accessory Adrenal Cortical Nodule																							3	2 3.0
Degeneration, Fatty												1												1 1.0
Hyperplasia, Focal																								1 1.0
Hypertrophy, Focal																						2		5 1.4
Capsule, Hyperplasia			1			1													3		1		2	8 1.9
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia													1											1 1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia		3	2	2	2	2	1	2	2	2	2		1	4	2	2				2	3	2	2	35 2.1
Parathyroid Gland	+	M	M	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	32

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

Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pars Distalis, Cyst					3											3						3	3			5 3.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Follicle, Cyst																										1 3.0
Follicle, Degeneration, Focal	3					1						2						2								9 2.0
Follicular Cell, Hyperplasia		1	2			1				3	3	2				1			1							18 1.9

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland	+																								2		
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	2.0
Granuloma Sperm Inflammation, Chronic	2																								1	2.0	
Penis	+						+																		2		
Preputial Gland	+	+	+	+	+	+	|	+	+	+	+	+	|	+	+	+	+	+	+	+	+	+	+	+	48	1	1.0
Hyperplasia																									19	2.2	
Inflammation, Chronic	2		2	2			2		2		2		3		2		2		2		3				41	2.8	
Duct, Ectasia	3	2	3	3	2			4		2	2	3	3	3		3	2	3	3		2	2	2		4	3	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2	2.0
Inflammation, Chronic	2												2														

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B6C3F1 MICE MALE		5	3	3	2	3	7	2	3	3	2	3	3	3	3	3	3	4	3	3	2	3	3	3	3	3
		5	0	1	1	1	4	9	1	1	9	4	1	4	0	1	4	4	0	4	9	0	0	1	4	1
0 MG/L																										
		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
		3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6
		5	6	7	8	9	0	1	2	3	5	6	7	8	9	2	3	4	5	7	8	9	1	2	3	6
		* TOTALS																								

Seminal Vesicle Degeneration Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 3.0 1 2.0
Testes Angiectasis Germinal Epithelium, Atrophy	+	+	+	+	+	+	3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 3.0 4 1.5

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	29 2.1
Lymph Node Iliac, Hyperplasia, Lymphoid Iliac, Pigmentation Mediastinal, Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	5	1 3.0 2 2.5 1 2.0
Lymph Node, Mandibular Atrophy Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1 3.0 1 2.0 9 2.4
Lymph Node, Mesenteric Atrophy Hematopoietic Cell Proliferation Hemorrhage Hyperplasia, Lymphoid	I	+	+	+	I	+	2	+	3	3	+	+	+	+	+	+	2	M	+	M	+	+	+	+	+	45	5 2.4 1 2.0 5 2.0 7 2.7

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

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hematopoietic Cell Proliferation	4	3	2	2		4					3	3				4	4					2					20	2.6
Lymphoid Follicle, Atrophy				3		3			2																		3	2.7
Lymphoid Follicle, Hyperplasia													2							2							3	2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Atrophy	2			3	3	3			3		3						3										14	2.9
Cyst	3						3					3	3											3			8	3.0

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Ulcer	4																											2	4.0
Epidermis, Hyperplasia	3																											2	3.5

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Skeletal Muscle																												2	
Atrophy																												1	1.0

NERVOUS SYSTEM

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		5	0	1	1	1	4	9	1	1	9	4	1	4	0	1	4	4	0	4	9	0	0	1	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6
		5	6	7	8	9	0	1	2	3	5	6	7	8	9	2	3	4	5	7	8	9	1	2	3
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Brain Hemorrhage	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	2.0
Peripheral Nerve Atrophy																										1	1	3.0
Spinal Cord																										1		

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	
Foreign Body																										1	1.0
Hemorrhage																											
Hyperplasia, Lymphoid																		2								1	2.0
Infiltration Cellular, Histiocyte						4				4	3			4				3					3	4		10	3.4
Inflammation, Suppurative																										1	2.0
Alveolar Epithelium, Hyperplasia											2						3									3	2.3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	1	
Foreign Body																			X		+	+	+	+			1
Inflammation, Chronic																										2	2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--	--

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 Pathologist: HEATH, J. - Unknown, U.

Date Report Requested: 08/21/2006
 Time Report Requested: 10:19:09
 First Dose M/F: 10/10/01 / 10/10/01
 Lab: SRI

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

Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia, Focal														1		3						2					4	2.0
Acinus, Atrophy																										1	3.0	

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst	3							3			3		3		3		3		3				3			10	3.0
Hydronephrosis				2																						1	2.0
Hyperplasia, Lymphoid											3															1	3.0
Infarct		X					X						X		X	X		X					X			11	
Inflammation, Chronic												2														3	2.0
Metaplasia, Osseous										3												3		2		6	2.2
Nephropathy	1	1	1	2	2	2	2	2			1	2	1	2	2	2	3	1			1	2	2	1	2	40	1.7
Renal Tubule, Dilatation, Diffuse				3					3																	2	3.0
Renal Tubule, Hyperplasia									1																	1	1.0
Renal Tubule, Necrosis									1																	1	1.0
Renal Tubule, Pigmentation				3																						1	3.0
Urethra									+																1		
Angiectasis									4																	1	4.0
Inflammation, Acute									3																	1	3.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

B6C3F1 MICE MALE 250 MG/L	DAY ON TEST	7 2 9	7 3 4	6 5 9	5 7 4	7 0 3	6 6 1	7 3 4	7 2 9	7 3 4	6 0 2	7 3 0	6 1 7	7 3 3	7 3 4	6 1 0	7 3 1	7 3 0	6 0 9	7 2 9	7 3 1	6 7 4	5 7 6	7 3 1	males (cont...)	
	ANIMAL ID	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 4	0 0 0 7 5	0 0 0 7 6	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 6	0 0 0 8 8	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			

ALIMENTARY SYSTEM

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

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+ .. Tissue examined microscopically

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Lab: SRI

		DAY ON TEST	7 2 9	7 3 4	6 5 9	5 7 4	7 0 3	6 6 1	7 3 4	7 2 9	7 3 4	6 0 2	7 3 0	6 1 7	7 3 0	7 3 1	6 1 0	7 3 1	7 3 0	6 0 9	7 2 9	7 3 1	6 7 4	5 7 6	7 3 1						
B6C3F1 MICE MALE 250 MG/L		ANIMAL ID	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 4	0 0 0 7 5	0 0 0 7 6	0 0 0 8 8	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 6	0 0 0 8 8	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	males (cont...)					
Centrilobular, Necrosis Hepatocyte, Vacuolization Cytoplasmic			4				4				2				3				3		3		2								
Mesentery Angiectasis Fat, Necrosis			+				+				+				+				+												
							3				3				4				3												
Pancreas Acinus, Cytoplasmic Alteration			+				+				+				+				+				+				+				
			3				3																								
Salivary Glands Hyperplasia, Lymphoid Necrosis			+				+				+				+				+				+				+				
							2				2																				
							3																								
Stomach, Forestomach Inflammation, Chronic Ulcer Epithelium, Hyperplasia, Squamous			+				+				+				+				+				+				+				
																							3								
							2				3																				
Stomach, Glandular Erosion Glands, Hyperplasia			+				+				+				+				+				+				+				
							2				3																				

CARDIOVASCULAR SYSTEM

Blood Vessel	
Hypertrophy	
Inflammation, Chronic	

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TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Lab: SRI

B6C3F1 MICE MALE 250 MG/L	DAY ON TEST	7 2 9	7 3 4	6 5 9	5 7 4	7 0 3	6 6 1	7 3 4	7 2 9	7 3 4	6 0 2	7 3 0	6 1 7	7 3 0	7 3 1	6 1 0	7 3 1	7 3 0	6 0 9	7 2 9	7 3 1	6 7 4	5 7 6	7 3 1	males (cont...)	
	ANIMAL ID	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 4	0 0 0 7 5	0 0 0 7 6	0 0 0 8 7	0 0 0 8 8	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 6	0 0 0 8 8	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

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy																								
Hemorrhage																								
Inflammation, Chronic																								
Mineralization																								
Thrombosis																								

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																								
Hyperplasia, Focal																								
Hypertrophy, Focal																								
Capsule, Hyperplasia																								
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																								
Parathyroid Gland	+	+	M	M	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	M	+
Cyst																								
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst																								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Cyst																								

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+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
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Page 20

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Lab: SRI

B6C3F1 MICE MALE 250 MG/L	DAY ON TEST	7	7	6	5	7	6	7	7	7	6	7	6	7	7	7	6	7	7	7	6	7	7	6	5	7
		2	3	5	7	0	6	3	2	3	0	3	1	3	3	3	1	3	3	3	0	2	3	7	7	3
		9	4	9	4	3	1	4	9	4	2	0	7	0	1	4	0	1	1	0	9	9	1	4	6	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	0	0	0	0
		6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9
		7	8	9	0	1	2	4	5	6	7	8	0	1	2	3	4	6	8	9	0	1	2	3	4	5
		males (cont...)																								

Follicle, Degeneration, Focal
Follicular Cell, Hyperplasia

2 3 2 2 1 1 1 1 1 2

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Coagulating Gland

+ +

Epididymis
Inflammation, Chronic
Spermatocele

+
2 3

Preputial Gland
Inflammation, Chronic
Duct, Ectasia

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

Prostate
Inflammation, Chronic

+
2 2

Seminal Vesicle
Degeneration

+ +

Testes
Germinal Epithelium, Atrophy

+
3 3

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Lab: SRI

| | | | |
|------------------------------|-------------|-------------|--------------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 7
2
9 | 7
3
4 | 6
5
9 | 5
7
4 | 7
0
3 | 6
6
1 | 7
3
4 | 7
2
9 | 7
3
4 | 6
0
2 | 7
3
0 | 7
3
0 | 7
3
1 | 7
3
4 | 6
1
0 | 7
3
0 | 7
3
1 | 7
3
0 | 6
0
9 | 7
2
9 | 7
3
1 | 6
7
4 | 5
7
6 | 7
3
1 | males
(cont...) |
| | ANIMAL ID | 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
4 | 0
0
0
7
5 | 0
0
0
7
6 | 0
0
0
8
7 | 0
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8 | 0
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8 | 0
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0
8
8 | 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 | | |
| | | | |
| | | | |
| | | | |

HEMATOPOIETIC SYSTEM

| | |
|---|---|
| Bone Marrow | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + |
| Depletion Cellular |
| Hyperplasia | 2 | | 2 | | 3 | 4 | 2 | 2 | | 4 | | 2 | 2 | 3 | | | 2 | 3 | 3 | | | | 3 | |
| Lymph Node | | | | + | | | | | | | | | | | | + | | | | | | | | |
| Iliac, Hematopoietic Cell Proliferation | |
| Iliac, Hyperplasia, Lymphoid |
| Inguinal, Pigmentation |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Mediastinal, Pigmentation | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Atrophy | | 2 | | | | | | | | | | | 3 | | | | 2 | | | 3 | | | | |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Hyperplasia, Lymphoid | | | | | 3 | | | | | | | | | | 3 | | | | 3 | | | | 3 | 4 |
| Pigmentation | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | \| | + | \| | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | 2 | | | | | | | 3 | | 3 |
| Hematopoietic Cell Proliferation | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Hemorrhage |
| Hyperplasia, Lymphoid |
| Spleen | + |
| Accessory Spleen |
| Hematopoietic Cell Proliferation | | 2 | 4 | | 4 | | 3 | 2 | | 3 | | 2 | 3 | 3 | | | 3 | | | 4 | 2 | 3 | 3 | 2 |
| Lymphoid Follicle, Atrophy | | 3 | | | | | | | | | | 3 | | | | | | | 3 | | | 3 | | |

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

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TDMS No. 96019 - 06
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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| | | | |
|------------------------------|-------------|--------------------|-----------------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 7
2
9 | 7
3
4 | 6
5
9 | 5
7
4 | 7
0
3 | 6
6
1 | 7
3
4 | 7
2
9 | 7
3
4 | 6
0
2 | 7
3
0 | 6
1
7 | 7
3
0 | 7
3
1 | 6
1
0 | 7
3
1 | 7
3
0 | 6
0
9 | 7
2
9 | 7
3
1 | 6
7
4 | 5
7
6 | 7
3
1 | males
(cont...) | |
| | ANIMAL ID | 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
4 | 0
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7
5 | 0
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6 | 0
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2 | 0
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3 | 0
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8 | 0
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9
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9
1 | 0
0
0
9
2 | 0
0
0
9
3 | 0
0
0
9
4 | | 0
0
0
9
5 |
| | | | |
| | | | |
| | | | |

Lymphoid Follicle, Hyperplasia

| |
|---------|
| Thymus | + | I | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | M | I | + | + |
| Atrophy | | | 3 | | | | 2 | 3 | | | 3 | 3 | 2 | 3 | 3 | | 3 | | | 2 | | | | 3 | 3 |
| Cyst | | | 3 | | | | 3 | 3 | | 3 | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| |
|---------------------------|
| Mammary Gland | + |
| Skin | + |
| Cyst Epithelial Inclusion | |
| Edema |
| Hemorrhage |
| Ulcer |
| Epidermis, Hyperplasia |

MUSCULOSKELETAL SYSTEM

| |
|------------------------|
| Bone | + |
| Cranium, Osteopetrosis | |
| Skeletal Muscle |

NERVOUS SYSTEM

| |
|-------|
| Brain | + |
|-------|

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| | | |
|------------------------------|-------------|-----------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 7 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 |
| | | 2 | 3 | 5 | 7 | 0 | 6 | 3 | 2 | 3 | 0 | 3 | 1 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 0 | 2 | 3 | 7 | 7 | 3 |
| | | 9 | 4 | 9 | 4 | 3 | 1 | 4 | 9 | 4 | 2 | 0 | 7 | 0 | 1 | 4 | 0 | 1 | 1 | 0 | 9 | 9 | 1 | 4 | 6 | 1 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 0 | 0 |
| | | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 7 | 8 | 9 | 0 | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 4 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | males (cont...) | |

Gliosis
Hemorrhage 3

Peripheral Nerve
Atrophy +

Spinal Cord +

RESPIRATORY SYSTEM

Lung +
Edema
Hemorrhage 3
Hyperplasia, Lymphoid 1
Infiltration Cellular, Histiocyte 3 2
Alveolar Epithelium, Hyperplasia 2 2 3 1 1

Nose +

Trachea +

SPECIAL SENSES SYSTEM

Eye +
Hemorrhage
Inflammation, Chronic
Cornea, Hyperplasia

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 7 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 7 |
| | | 2 | 3 | 5 | 7 | 0 | 6 | 3 | 2 | 3 | 0 | 3 | 1 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 0 | 2 | 3 | 7 | 7 | 3 |
| | | 9 | 4 | 9 | 4 | 3 | 1 | 4 | 9 | 4 | 2 | 0 | 7 | 0 | 1 | 4 | 0 | 1 | 1 | 0 | 9 | 9 | 1 | 4 | 6 | 1 |
| | ANIMAL ID | 0 |
| | | 0 |

| |
|---------------------------------------|
| Harderian Gland
Hyperplasia, Focal | + |
|---------------------------------------|

URINARY SYSTEM

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

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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Lab: SRI

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 4
8
6 | 7
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3
1 | 7
2
9 | 7
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9 | 6
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| | * TOTALS | |

ALIMENTARY SYSTEM

| | |
|-----------------------------------|-------|
| Esophagus | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | A | + | + | M | 44 |
| Intestine Large, Cecum
Edema | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 49 |
| | | | | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basophilic Focus | | | | X | | | | | | | | | | | | | | | | | | X | X | | X | 11 |
| Clear Cell Focus | X | | X | | | | | X | | | | X | | X | | | | X | | | | | | | | 9 |
| Eosinophilic Focus | | | X | X | | X | X | X | X | | | | X | | | | X | X | X | X | X | X | X | | X | 25 |
| Hematopoietic Cell Proliferation | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 |
| Mixed Cell Focus | | | | | | | | | | X | | | | | | X | | | | | | | X | X | | 9 |
| Necrosis, Focal | 4 | | | | | | | | | | | | | | | X | | | | | | | | 1 | | 5 1.8 |

* .. 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 26

Date Report Requested: 08/21/2006
Time Report Requested: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 4
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| | | * TOTALS | |

[illegible]

CARDIOVASCULAR SYSTEM

| Findings | Count | Score |
|--------------------------|-------|-------|
| Blood Vessel Hypertrophy | 1 | 4.0 |
| Inflammation, Chronic | 1 | 4.0 |

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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Lab: SRI

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 4
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1 | 7
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| | * TOTALS | |

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|-----------------------|----|-------|
| Heart | + | 50 | |
| Cardiomyopathy | | 1 1.0 |
| Hemorrhage | | 1 2.0 |
| Inflammation, Chronic | | 1 2.0 |
| Mineralization | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 1.0 |
| Thrombosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |

ENDOCRINE SYSTEM

| | | |
|-----------------------------------|----|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accessory Adrenal Cortical Nodule | | | | | 3 | | | | | | | | | 3 | | 1 | | 3 | | | | | | | | | 7 2.7 |
| Hyperplasia, Focal | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Hypertrophy, Focal | | | | | | | | 1 | | 2 | | | | | 1 | | | | | | | | 1 | | | | 8 1.5 |
| Capsule, Hyperplasia | | | | 2 | | | | 2 | | | | 2 | | 2 | | | | | | | | | 3 | | | | 10 2.1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 1.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | 2 | | | | | | | | | 2 | | 2 | 2 | 2 | | 2 | 1 | 3 | 3 | 2 | 1 | 2 | 29 2.1 |
| Parathyroid Gland | + | + | + | + | M | + | M | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | M | + | 40 | |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | | 2 3.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pars Distalis, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 3.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Follicle, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |

* .. 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 28

Date Report Requested: 08/21/2006
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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

TDMS No. 96019 - 06
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 4
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HEMATOPOIETIC SYSTEM

| | | |
|---|----|-----|
| Bone Marrow | + | 48 | |
| Depletion Cellular | 3 | | | | | 1 | 3.0 |
| Hyperplasia | | | | | 2 | | | | | 4 | | | | | | 3 | 3 | | 4 | | | | | 4 | 2 | 21 | 2.8 |
| Lymph Node | | | | | + | | | | | + | | | + | | + | | | | | | | | | | | 6 | |
| Iliac, Hematopoietic Cell Proliferation | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | 2.0 |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inguinal, Pigmentation | | | | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Mediastinal, Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Mediastinal, Pigmentation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Lymph Node, Mandibular | + | + | + | + | M | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | + | 45 | |
| Atrophy | 2 | | | | | | | | | | | | | | | | | | | | 2 | | | | | 6 | 2.3 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1.0 |
| Hyperplasia, Lymphoid | | | | | 2 | | 2 | | | | | | | | | | | | | | 2 | | 4 | 4 | | 10 | 3.0 |
| Pigmentation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Lymph Node, Mesenteric | M | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | 45 | |
| Atrophy | | | | | | | | | 2 | | | | | | | | | | | 2 | | | | | | 5 | 2.4 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | 2 | | | | | | | | | | 2 | 2.0 |
| Hemorrhage | | | | | 2 | | | | | | | | | | | 3 | | | | | 1 | | | | | 3 | 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 2 | 3 | | | | | | | | | 3 | 3.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accessory Spleen | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 | |
| Hematopoietic Cell Proliferation | | | | | 1 | | 3 | | | 4 | | | | | | 4 | 3 | | 3 | | | | | 3 | 1 | 23 | 2.8 |
| Lymphoid Follicle, Atrophy | 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 30

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 4
8
6 | 7
3
1 | 7
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4 | 7
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1 | 5
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5 | 7
3
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9 | 7
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9 | 6
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| | ANIMAL ID | 0
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|--------------------------------|----|----|-----|-----|
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | 2 | 2.0 |
| Thymus | M | + | + | + | M | + | + | + | + | + | + | + | + | + | I | + | + | + | M | + | + | + | + | M | 40 | | | |
| Atrophy | | | | | | 3 | | | | 3 | 2 | | | 3 | | | 2 | 3 | 3 | | 4 | 3 | | 3 | | 22 | 2.8 | |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | 3.0 | |

INTEGUMENTARY SYSTEM

| | |
|---------------------------|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst Epithelial Inclusion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Edema | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 1 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Ulcer | | | | | | | | | 3 | | | 3 | | | | | | | | | | | | | 4 | 3 | 4 |
| Epidermis, Hyperplasia | | | | | | | | 2 | | | 2 | | | | | | | | | | | | | | 4 | | 3 |

MUSCULOSKELETAL SYSTEM

| | |
|------------------------|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cranium, Osteopetrosis | | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Skeletal Muscle |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |  | 3 |

NERVOUS SYSTEM

| | |
|-------|----|
| Brain | + | 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

Page 31

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 4
8
6 | 7
3
1 | 7
3
4 | 7
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1 | 5
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5 | 7
3
1 | 7
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9 | 0
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2 |
| | * TOTALS | |

| | | |
|------------------|---|-------|
| Gliosis | 1 | 3.0 |
| Hemorrhage | 1 | 1.0 |
| | | |
| Peripheral Nerve | | |
| Atrophy | + | 2 |
| | 2 | 1 2.0 |
| | | |
| Spinal Cord | + | 2 |

RESPIRATORY SYSTEM

| | | |
|-----------------------------------|----|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Edema |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 1.3 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 |
| Infiltration Cellular, Histiocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 3.0 |
| Alveolar Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 1.7 |
| | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | | |
|-----------------------|----|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Cornea, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |

* .. 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:

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Page 32

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
250 MG/L | DAY ON TEST | 4
8
6 | 7
3
1 | 7
3
4 | 7
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1 | 5
5
5 | 7
3
1 | 7
2
9 | 7
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9 | 6
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0 | 7
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9 | 7
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1 | 7
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9 | 7
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| | ANIMAL ID | 0
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| | * TOTALS | |

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|--------------------|----|---|-----|
| Harderian Gland | + | 50 | 1 | 2.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | |
|-------------------------------------|----|----|-----|-----|
| Kidney | + | 50 | | | |
| Cyst | | | | | | 3 | | | | | | | 3 | | 3 | | | | | | | | 3 | 3 | | | 10 | 3.0 | |
| Hydronephrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 | |
| Infarct |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | 2 | | |
| Inflammation, Suppurative |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | 3 | 2.7 | |
| Metaplasia, Osseous | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | 2 | | | 6 | 1.7 | |
| Nephropathy | 2 | 1 | 2 | 2 | 3 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | 3 | | 1 | 4 | 1 | 1 | | 2 | 1 | 1 | | 39 | 1.8 | |
| Renal Tubule, Accumulation, Hyaline | | | 1 | 3.0 |
| Droplet | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation, Diffuse | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 | 2.0 |
| Renal Tubule, Hyperplasia | 1 | | | | | | | | 1 | 1.0 |
| Renal Tubule, Necrosis | | | 2 | 2.5 |
| Renal Tubule, Pigmentation | | | | | 3 | | | 4 | 2.5 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Edema | 3 | | | | 2 | 3.0 |
| Inflammation, Chronic | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

* .. 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

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2) Mild 4) Marked

Page 33

TDMS No. 96019 - 06
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Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|------------------------------|--------------------|-------------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 6
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| | males
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males
(cont...)

ALIMENTARY SYSTEM

| | |
|---|---|
| Esophagus | + | M | + |
| Gallbladder | A | + | + | + | + | A | + |
| Intestine Large, Cecum | + | + | + | + | + | A | + |
| Intestine Large, Colon
Ulcer | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | M | + | + | + | + | A | + |
| Intestine Small, Ileum | A | + | + | + | + | A | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid
Peyer's Patch, Inflammation, Suppurative | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + |
| Basophilic Focus | X | X | | X | | | | | X | | | | | X | X | | X | | | | | | X | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | X | | X | | | | | X |
| Eosinophilic Focus | X | | | | | | | | X | | X | | | | | | | | X | | | | X | | | |
| Hematopoietic Cell Proliferation | |
| Hemorrhage | |

* .. 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 34

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Species/Strain: MICE/B6C3F1

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Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | |
|---------------------------------------|--|--------------------|---|
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| B6C3F1 MICE MALE
500 MG/L | | ANIMAL ID | | males
(cont...) | |
| | | 0 | | 0 |
| | | 0 | | 0 |
| | | 1 | | 1 |
| | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | | 6 |
| | | 3 | 6 | 7 | 9 | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | | |
| Infiltration Cellular, Mixed Cell | | | |
| Mixed Cell Focus | | | |
| Necrosis, Focal | | | |
| Centrilobular, Necrosis | | | |
| Hepatocyte, Fatty Change | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | |
| | | | |
| Mesentery | | | |
| Fat, Necrosis | | | |
| | | | |
| Pancreas | | | |
| Acinus, Cytoplasmic Alteration | | | |
| | | | |
| Salivary Glands | | | |
| Hyperplasia, Lymphoid | | | |
| | | | |
| Stomach, Forestomach | | | |
| Dysplasia | | | |
| Ulcer | | | |
| Epithelium, Hyperplasia, Squamous | | | |
| | | | |
| Stomach, Glandular | | | |
| Erosion | | | |
| Ulcer | | | |
| Glands, Hyperplasia | | | |

CARDIOVASCULAR SYSTEM

Blood Vessel

* .. 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 6
0
7 | 7
3
4 | 7
3
1 | 6
9
2 | 7
2
9 | 6
9
1 | 7
3
1 | 7
3
4 | 7
2
9 | 6
8
8 | 6
7
4 | 2
2
5 | 7
2
9 | 4
6
9 | 7
3
4 | 7
2
9 | 4
6
2 | 7
3
0 | 7
3
9 | 7
3
0 | 6
9
9 | 6
9
9 | 7
3
0 | 7
2
2 | 7
3
1 |
| | | |
| | ANIMAL ID | 0
0
1
3
3 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
9 | 0
0
1
4
1 | 0
0
1
4
2 | 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
5
0 | 0
0
1
5
1 | 0
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1
5
2 | 0
0
1
5
5 | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
6
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
5 | 0
0
1
6
6 |
| | | |
| | | |
| males
(cont...) | | |

males
(cont...)

| |
|-----------------------|
| Heart | + |
| Cardiomyopathy |
| Inflammation, Chronic | |
| Mineralization |
| Thrombosis |

ENDOCRINE SYSTEM

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

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+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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| | | |
|------------------------------|--------------------|-----------------------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 6
0
7 | 7
3
4 | 7
3
1 | 6
9
2 | 7
2
9 | 6
9
1 | 7
3
1 | 7
3
4 | 7
2
9 | 6
8
8 | 6
7
4 | 2
2
5 | 7
2
9 | 4
6
9 | 7
3
4 | 7
2
9 | 4
6
2 | 7
3
0 | 7
3
0 | 7
3
0 | 6
9
9 | 6
9
9 | 7
3
0 | 7
2
2 | 7
3
1 |
| | | |
| | ANIMAL ID | 0
0
1
3
3 | 0
0
1
3
6 | 0
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1
3
7 | 0
0
1
3
9 | 0
0
1
4
1 | 0
0
1
4
2 | 0
0
1
4
4 | 0
0
1
4
5 | 0
0
1
4
6 | 0
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4
7 | 0
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4
8 | 0
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0 | 0
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1 | 0
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2 | 0
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5 | 0
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6 | 0
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1
5
7 | 0
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5
8 | 0
0
1
6
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
5 | 0
0
1
6
6 |
| | | |
| | males
(cont...) | |

males
(cont...)

Follicle, Degeneration, Focal
Follicular Cell, Hyperplasia

2
1 1 1 2
2 1 1 2

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Epididymis

+ +

Preputial Gland
Inflammation, Chronic
Duct, Ectasia

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

Prostate
Inflammation, Chronic

+ +

Seminal Vesicle
Degeneration

+ +

Testes
Germinal Epithelium, Atrophy

+
2 1 2

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia

+ + + + + I + + + I + + + + + + + + + M + + + + +
4 2 2 3 2 2 4 2 3 3 3 2 2 2

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+ .. Tissue examined microscopically
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| | | |
|---|-------------|--------------------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 6
0
7 | 7
3
4 | 7
3
1 | 6
9
2 | 7
2
9 | 6
9
1 | 7
3
1 | 7
3
4 | 7
2
9 | 6
8
8 | 6
7
4 | 2
2
5 | 7
2
9 | 4
6
9 | 7
3
4 | 7
2
9 | 4
6
2 | 7
3
0 | 7
2
9 | 7
3
0 | 6
9
9 | 6
9
9 | 7
3
0 | 7
2
2 | 7
3
1 | |
| | ANIMAL ID | 0
0
1
3
3 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
9 | 0
0
1
4
1 | 0
0
1
4
2 | 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
5
0 | 0
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1
5
1 | 0
0
1
5
2 | 0
0
1
5
5 | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
6
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
5 | 0
0
1
6
6 | |
| | | |
| | | |
| | | | males
(cont...) |
| Lymph Node | | + | |
| Iliac, Hematopoietic Cell Proliferation | | |
| Iliac, Pigmentation | | 3 | |
| Mediastinal, Hyperplasia, Lymphoid | | |
| Mediastinal, Pigmentation | | 2
2 | |
| Lymph Node, Mandibular | | M | + | + | + | + | + | + | + | + | + | I | M | + | + | + | + | M | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | 2 | | | | 3 | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Hyperplasia, Lymphoid | | | | | 2 | | | | | | | | | | 2 | | | | | | | | | 2 | | | |
| Pigmentation | | |
| Lymph Node, Mesenteric | | A | M | + | + | + | A | + | I | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Ectasia | | |
| Hematopoietic Cell Proliferation | | | | | | 2 | |
| Hemorrhage | | | | | | 1 | | | | | | | | | | | | | | | | | | | 3 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Spleen | | + | |
| Hematopoietic Cell Proliferation | | 3 | 4 | | 2 | 4 | 4 | 3 | 2 | 2 | 4 | 4 | 3 | 2 | 2 | 3 | | | 2 | 1 | | 3 | 4 | | | | |
| Lymphoid Follicle, Atrophy | | 3 | | | | | | | | | | 3 | | | | | | 3 | | | | 2 | | | 3 | | |
| Lymphoid Follicle, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | |
| Thymus | | I | + | + | + | M | + | + | + | + | + | + | M | + | M | + | + | + | + | M | + | + | + | + | + | + | |
| Atrophy | | | 3 | | 3 | | 3 | | | | 3 | 3 | | | 3 | | 3 | | | 3 | | 3 | | | 3 | | |
| Cyst | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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TDMS No. 96019 - 06
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| | | | |
|------------------------------|-------------|--------------------|---|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 6
0
7 | 7
3
4 | 7
3
1 | 6
9
2 | 7
2
9 | 6
9
1 | 7
3
1 | 7
3
4 | 7
2
9 | 6
8
8 | 6
7
4 | 2
2
5 | 7
2
9 | 4
6
9 | 7
3
4 | 7
2
9 | 4
6
2 | 7
3
0 | 7
3
0 | 6
9
9 | 6
9
9 | 7
3
0 | 7
2
2 | 7
3
1 | males
(cont...) | |
| | ANIMAL ID | 0
0
1
3
3 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
9 | 0
0
1
4
1 | 0
0
1
4
2 | 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
5
0 | 0
0
1
5
1 | 0
0
1
5
2 | 0
0
1
5
5 | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
6
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
5 | | |
| | | 0 | | |
| | | 0 | | 0 |
| | | 1 | | 1 |

males
(cont...)

INTEGUMENTARY SYSTEM

| |
|------------------------------|
| Mammary Gland | + |
| Skin | + |
| Edema | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | 4 | 2 | | | | | | | | |
| Sebaceous Gland, Hyperplasia | | | | | | | | | | | | | | | | | 3 | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| |
|------------------------|
| Bone | + |
| Cranium, Osteopetrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | | |
| Skeletal Muscle |

NERVOUS SYSTEM

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

TDMS No. 96019 - 06
Test Type: CHRONIC
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Lab: SRI

| | | | |
|------------------------------|-------------|--------------------|---|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 6
0
7 | 7
3
4 | 7
3
1 | 6
9
2 | 7
2
9 | 6
9
1 | 7
3
1 | 7
3
4 | 7
2
9 | 6
8
8 | 6
7
4 | 2
2
5 | 7
2
9 | 4
6
9 | 7
3
4 | 7
2
9 | 4
6
2 | 7
3
0 | 7
3
0 | 6
9
9 | 6
9
9 | 7
3
0 | 7
2
2 | 7
3
1 | males
(cont...) | |
| | ANIMAL ID | 0
0
1
3
3 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
9 | 0
0
1
4
1 | 0
0
1
4
2 | 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
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1
5
0 | 0
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1
5
1 | 0
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5
2 | 0
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1
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5
6 | 0
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5
7 | 0
0
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5
8 | 0
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1
6
9 | 0
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1
6
0 | 0
0
1
6
1 | 0
0
1
6
2 | 0
0
1
6
3 | 0
0
1
6
5 | | |
| | | 0 | | |
| | | 0 | | 0 |
| | | 1 | | 1 |

males
(cont...)

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

| |
|-----------------------|
| Eye | + |
| Atrophy | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Inflammation, Chronic | |
| Cornea, Hyperplasia |
| Harderian Gland | \| | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Focal |
| Inflammation, Chronic | |

URINARY SYSTEM

| |
|--------------------|
| Kidney | + |
| Cyst | | 3 | 3 | | 3 | 3 | 3 | | 3 | 3 | | | 3 | | 3 | 3 | | | | | | | | | |
| Glomerulosclerosis | |

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

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I .. Insufficient tissue

M .. Missing tissue

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Lab: SRI

| | | DAY ON TEST | | males
(cont...) | | | | | | | | | | | | | | |
|---|--|-----------------------|--------------------|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| | | 6
0
7 | 7
3
4 | 7
3
1 | 6
9
2 | 7
2
9 | 6
9
1 | 7
3
1 | 7
3
4 | 7
2
9 | 6
8
8 | 6
7
4 | 2
2
5 | 7
2
9 | 4
6
9 | 7
3
4 | 7
2
9 | 4
6
2 | 7
3
0 | 7
2
3 | 7
3
0 | 6
9
9 | 6
9
9 | 7
3
0 | 7
2
2 | 7
3
1 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | | | | | | | | | | | | | | | | | |
| 500 MG/L | | | | | | | | | | | | | | | | | |
| ANIMAL ID | | 0
0
1
3
3 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
9 | 0
0
1
4
1 | 0
0
1
4
2 | 0
0
1
4
4 | 0
0
1
4
5 | 0
0
1
4
6 | 0
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7 | 0
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8 | 0
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1
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5 | 0
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7 | 0
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8 | 0
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1
6
9 | 0
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6
0 | 0
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6
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1
6
2 | 0
0
1
6
3 | 0
0
1
6
5 | 0
0
1
6
6 | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid Infarct | | | | | | | | | | | | X | | | | | | | | | | | | X | | 4 | | | | | | | | | | | | | | | |
| Inflammation, Chronic Metaplasia, Osseous | | 3 | | 2 | | | | | | | | | | | | | | 2 | | | | X | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | 1 | | 2 | | | | 1 | | 2 | | | | | | | | | | | | 2 | | 1 | | 2 | | 1 | | 3 | | 1 | | 4 | | 3 | | 3 | | 1 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation, Diffuse | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigmentation | | 4 | | | 3 | | 3 | | 3 | | 3 | | 2 | | 3 | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Urinary Bladder | | | | | | | | | | | | | | | | | |
| Edema | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | 3 | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | 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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2) Mild 4) Marked

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| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 7
3
0 | 6
5
0 | 6
0
7 | 7
3
1 | 7
2
9 | 7
1
1 | 7
3
1 | 5
9
0 | 7
3
4 | 7
2
9 | 7
3
0 | 7
3
1 | 7
2
4 | 6
0
2 | 6
4
5 | 7
3
1 | 7
3
4 | 5
1
6 | 7
3
0 | 7
3
1 | 7
2
9 | 6
8
3 | 7
2
9 | 6
7
4 |
| | ANIMAL ID | 0
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6
7 | 0
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6 | 0
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7 | 0
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3 | 0
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9
4 | 0
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5 | 0
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1
9
6 | 0
0
1
9
7 |
| | | * TOTALS | |

ALIMENTARY SYSTEM

| | |
|---|----------------------|
| Esophagus | + | 49 |
| Gallbladder | + | + | + | M | + | + | + | A | + | + | M | M | + | + | + | M | + | + | A | + | + | M | + | + | + | 41 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon
Ulcer | + | 50
1 4.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 45 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid
Peyer's Patch, Inflammation, Suppurative | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46
1 2.0
1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
| Clear Cell Focus | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| Eosinophilic Focus | | | X | X | X | | | | | X | X | X | | | | X | | X | | | | | | | | 14 |
| Hematopoietic Cell Proliferation | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 |
| Hemorrhage | | | | | | | | | | | | | | | 3 | | | | | | | | | | | 1 3.0 |

* .. 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 42

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | | |
|---------------------------------------|--|-----------------------|----------|--|
| | | 7
3
0 | 6
5
0 | 6
0
7 | 7
3
1 | 7
2
9 | 7
1
1 | 7
3
1 | 5
9
0 | 7
3
4 | 7
2
9 | 7
3
0 | 7
3
1 | 7
3
4 | 7
2
9 | 6
0
2 | 6
4
5 | 7
3
1 | 7
3
4 | 5
1
6 | 7
3
0 | 7
3
1 | 7
2
9 | 6
8
3 | 7
2
9 | 6
7
4 | | |
| | | | | |
| B6C3F1 MICE MALE | | ANIMAL ID | | |
| 500 MG/L | | 0
0
1
6
7 | 0
0
1
6
9 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
9 | 0
0
1
8
0 | 0
0
1
8
1 | 0
0
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8
3 | 0
0
1
8
4 | 0
0
1
8
6 | 0
0
1
8
8 | 0
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1
8
9 | 0
0
1
9
0 | 0
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1
9
2 | 0
0
1
9
3 | 0
0
1
9
4 | 0
0
1
9
5 | 0
0
1
9
6 | 0
0
1
9
7 | 0
0
1
9
8 | * TOTALS | |
| Infiltration Cellular, Mixed Cell | | | | 4 | | | 2 | | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Mixed Cell Focus | | | | | X | | | | | | | | | | | | | | | | | X | | | | | 6 | |
| Necrosis, Focal | | | 2 | 1 | | 2 | 3 | | 3 | | | | 3 | | | 2 | | | | | | | | | | | 7 2.3 | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | 3 | | | | | | | 3 | | | | 4 2.5 | |
| Hepatocyte, Fatty Change | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | 4 | | | 3 | | 3 | | 4 | 3 | | | | | | | 3 | 3 | | | 4 | | | 17 3.2 | |
| | | | | |
| Mesentery | | | | | | | | | | | | + | | | | | | | | | + | | + | | | | 8 | |
| Fat, Necrosis | | | | | | | | | | | 3 | | | | | | | | | | | | 3 | | | | 6 3.3 | |
| | | | | |
| Pancreas |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Acinus, Cytoplasmic Alteration | | | | | | | 3 | | | | | | | 3 | | | | 3 | 3 | | | | | | 3 | | 5 3.0 | |
| | | | | |
| Salivary Glands |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.3 | |
| | | | | |
| Stomach, Forestomach |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Dysplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 | |
| Ulcer | | | | | | 3 | 2 | | | | | | | | | 2 | | | | | | | | | | | 3 2.3 | |
| Epithelium, Hyperplasia, Squamous | | | | | | 3 | | | 1 | | | | | | | 1 | | | | 2 | | | | | | | 5 2.0 | |
| | | | | |
| Stomach, Glandular |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Erosion | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 4 1.5 | |
| Ulcer | | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |
| Glands, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |

CARDIOVASCULAR SYSTEM

| | |
|--------------|---|
| Blood Vessel | 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 43

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|------------------------------|-------------|-------------|----------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 7
3
0 | 6
5
0 | 6
0
7 | 7
3
1 | 7
2
9 | 7
1
1 | 7
3
1 | 5
9
0 | 7
3
4 | 7
2
9 | 7
3
0 | 7
3
1 | 7
3
4 | 7
2
9 | 6
0
2 | 6
4
5 | 7
3
1 | 7
3
4 | 5
1
6 | 7
3
0 | 7
3
1 | 7
2
9 | 6
8
3 | 7
2
9 | 6
7
4 | |
| | ANIMAL ID | 0
0
1
6
7 | 0
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1
6
9 | 0
0
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7
1 | 0
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7
2 | 0
0
1
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3 | 0
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4 | 0
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6 | 0
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7 | 0
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4 | 0
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2 | 0
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9
3 | 0
0
1
9
4 | 0
0
1
9
5 | 0
0
1
9
6 | 0
0
1
9
7 | | |
| | | 0 | |
| | | 0 | 0 |
| | | 1 | 1 |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 7 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 6 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | * TOTALS |

| | |
|-----------------------|-------|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cardiomyopathy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Inflammation, Chronic | | | | | | | | | 1 | | | | | | | | | 1 | | | | | | | 3 1.0 |
| Mineralization | | | | | | | | | | | | | | | | 3 | | | 1 | | | | | | 2 2.0 |
| Thrombosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |

ENDOCRINE SYSTEM

| | | |
|-----------------------------------|-------|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accessory Adrenal Cortical Nodule |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 | |
| Hypertrophy, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.0 | |
| Capsule, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 1.5 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hyperplasia | 1 | 2 | | 1 | | 3 | | 3 | | 1 | 2 | | 2 | | 2 | 1 | | | | | 1 | 3 | | 3 | 1 | 21 2.0 |
| Parathyroid Gland | + | + | + | + | M | + | + | M | + | + | + | + | M | + | M | M | + | + | + | + | + | + | + | + | 37 | |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Pars Distalis, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Follicle, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | | | |
|------------------------------|---|-----------------------|--------|----------|------------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 7
3
0 | 6
5
0 | 6
0
7 | 7
3
1 | 7
2
9 | 7
1
1 | 7
3
1 | 5
9
0 | 7
3
4 | 7
2
9 | 7
3
0 | 7
3
1 | 7
2
4 | 6
0
2 | 6
4
5 | 7
3
1 | 7
3
4 | 5
1
6 | 7
3
0 | 7
3
1 | 7
2
9 | 6
8
3 | 7
2
9 | 6
7
4 | | | |
| | ANIMAL ID | 0
0
1
6
7 | 0
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1
6
9 | 0
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7
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7
2 | 0
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3 | 0
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3 | 0
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4 | 0
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4 | 0
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5 | 0
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1
9
6 | 0
0
1
9
7 | | | |
| | | | | | |
| | | | | | |
| | | | | * TOTALS | |
| | Follicle, Degeneration, Focal
Follicular Cell, Hyperplasia | 1
1 | 2 | | 3
3 | | | | 3 | | 3 | | 1 | | 3 | | | | 1 | 2 | | 1 | | 1 | | 2
2 | 10
14 | 1.7
1.8 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | | | |
|------------------------------|----|-----|-----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Chronic | 2 | 3 | 2 | 2 | 2 | 2 | 2 | | | | | 2 | | 3 | 2 | | 2 | | | | 2 | | 2 | | 2 | 21 | 2.2 | |
| Duct, Ectasia | 3 | 4 | 2 | 2 | 2 | 4 | 4 | 2 | 3 | | | 3 | 3 | 3 | 3 | | 4 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 41 | 3.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Chronic | | | | | | | | | | | | | | 2 | | | | | | | 2 | | | | | 2 | 2 | 2.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Degeneration | | | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 | 3.0 | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Germinal Epithelium, Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 1.7 | |

HEMATOPOIETIC SYSTEM

| | | | |
|-------------|----|----|-----|
| Bone Marrow | + | 47 | | |
| Hyperplasia | 4 | 2 | 3 | | 3 | 3 | | 3 | 2 | 3 | 2 | 3 | | 3 | 3 | 2 | 3 | 3 | | | | | 4 | 3 | 2 | 31 | 2.7 |

* .. 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 45

TDMS No. 96019 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

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Time Report Requested: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | | |
|---|-----------|-----------------------|--|--|
| | | 7
3
0 | 6
5
0 | 6
0
7 | 7
3
1 | 7
2
9 | 7
1
1 | 7
3
1 | 5
9
0 | 7
3
4 | 7
2
9 | 7
3
0 | 7
3
1 | 7
3
4 | 7
2
9 | 6
0
2 | 6
4
5 | 7
3
1 | 7
3
4 | 5
1
6 | 7
3
0 | 7
3
1 | 7
2
9 | 6
8
3 | 7
2
9 | 6
7
4 | | |
| | | | | | |
| B6C3F1 MICE MALE
500 MG/L | ANIMAL ID | 0
0
1
6
7 | 0
0
1
6
9 | 0
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1
7
1 | 0
0
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2 | 0
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8 | | |
| | | * TOTALS | | | |
| | | | | |
| | | | | |
| | | | | |
| Lymph Node | | | | |
| Iliac, Hematopoietic Cell Proliferation | | | | |
| Iliac, Pigmentation | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | |
| Mediastinal, Pigmentation | | | | |
| Lymph Node, Mandibular | | | | |
| Atrophy | | | | |
| Hematopoietic Cell Proliferation | | | | |
| Hyperplasia, Lymphoid | | | | |
| Pigmentation | | | | |
| Lymph Node, Mesenteric | | | | |
| Atrophy | | | | |
| Ectasia | | | | |
| Hematopoietic Cell Proliferation | | | | |
| Hemorrhage | | | | |
| Hyperplasia, Lymphoid | | | | |
| Spleen | | | | |
| Hematopoietic Cell Proliferation | | | | |
| Lymphoid Follicle, Atrophy | | | | |
| Lymphoid Follicle, Hyperplasia | | | | |
| Thymus | | | | |
| Atrophy | | | | |
| Cyst | | | | |

* .. 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. 96019 - 06
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Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|------------------------------|-------------|----------|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 6 |
| | | 3 | 5 | 0 | 3 | 2 | 1 | 3 | 9 | 3 | 2 | 3 | 3 | 2 | 0 | 4 | 3 | 3 | 1 | 3 | 3 | 2 | 8 | 2 | 7 |
| | | 0 | 0 | 7 | 1 | 9 | 1 | 1 | 0 | 4 | 9 | 0 | 1 | 4 | 9 | 2 | 5 | 1 | 4 | 6 | 0 | 1 | 9 | 3 | 4 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 1 | 1 |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 7 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 6 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | * TOTALS | |

INTEGUMENTARY SYSTEM

| | |
|------------------------------|-------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | | | | | | 3 | 3 | | | | | | 3 | | | | 3 | | | | | | 5 3.2 |
| Ulcer | 4 | | | | | | | | | | | | | | | | | 4 | | | | 4 | | | 5 4.0 |
| Epidermis, Hyperplasia | 4 | | | | | | | | | | | | | | | | | 3 | | | | 3 | | | 5 3.2 |
| Sebaceous Gland, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |

MUSCULOSKELETAL SYSTEM

| | | |
|------------------------|-------|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cranium, Osteopetrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |
| Skeletal Muscle | + | 2 |

NERVOUS SYSTEM

| | |
|------------------|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Peripheral Nerve | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Atrophy | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Spinal Cord | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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 47

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE MALE
500 MG/L | DAY ON TEST | 7
3
0 | 6
5
0 | 6
0
7 | 7
3
1 | 7
2
9 | 7
1
1 | 7
3
1 | 5
9
0 | 7
3
4 | 7
2
9 | 7
3
0 | 7
3
1 | 7
3
4 | 7
2
9 | 6
0
2 | 6
4
5 | 7
3
1 | 7
3
4 | 5
1
6 | 7
3
0 | 7
3
1 | 7
2
9 | 6
8
3 | 7
2
9 | 6
7
4 | |
| | ANIMAL ID | 0
0
1
6
7 | 0
0
1
6
9 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
9 | 0
0
1
8
0 | 0
0
1
8
1 | 0
0
1
8
3 | 0
0
1
8
4 | 0
0
1
8
6 | 0
0
1
8
8 | 0
0
1
8
9 | 0
0
1
9
0 | 0
0
1
9
2 | 0
0
1
9
3 | 0
0
1
9
4 | 0
0
1
9
5 | 0
0
1
9
6 | 0
0
1
9
7 | 0
0
1
9
8 | |
| | * TOTALS | | |

RESPIRATORY SYSTEM

| | | | |
|-----------------------------------|----|---|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | 2 | | | | | | | | | | | | | | | | | 5 | 2.6 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | 2 | | | | | | | | | | | | | | 1 | 3 | | 4 | 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------------|----|---|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4.0 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Cornea, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Hyperplasia, Focal | | | | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.0 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |

URINARY SYSTEM

| | | | |
|--------------------|----|----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cyst | | | | | | | | | | | | | | | | 3 | 3 | | | 3 | 3 | 3 | 3 | | | | | 16 | 3.0 |
| Glomerulosclerosis | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

* .. 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 48

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | 7
3
0 | 6
5
0 | 6
0
7 | 7
3
1 | 7
2
9 | 7
1
1 | 7
3
1 | 5
9
0 | 7
3
4 | 7
2
9 | 7
3
0 | 7
3
1 | 7
2
9 | 6
0
2 | 6
4
5 | 7
3
1 | 7
3
4 | 5
1
6 | 7
3
0 | 7
3
1 | 7
2
9 | 6
8
3 | 7
2
9 | 6
7
4 | | | | | |
|---|--|---|-------------|---|---|---|--------|--|
| | | | | | | | | |
| B6C3F1 MICE MALE
500 MG/L | | ANIMAL ID | 0 | 0 | | | | |
| | | | 0 | 0 | 0 | | | |
| | | | 1 | 1 | 1 | | | |
| | | | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | | 7 | 9 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 6 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| | | * TOTALS | | | | | | |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 | |
| Infarct |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 | |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.0 | |
| Metaplasia, Osseous | | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.0 | |
| Nephropathy | | 3 2 1 2 1 1 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 31 1.7 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 | |
| Renal Tubule, Dilatation, Diffuse | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |
| Renal Tubule, Necrosis | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 | |
| Renal Tubule, Pigmentation | | 1 3 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 21 2.7 | |
| Urinary Bladder |  | + + + + + + \| + + + + + + + + + + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 49 | |
| Edema |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 | |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |
| Transitional Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 | |

* .. 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 49

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|--------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
3
4 | 7
1
8 | 6
3
9 | 6
7
5 | 7
3
4 | 6
2
2 | 5
7
0 | 7
0
1 | 6
8
2 | 7
2
6 | 7
2
9 | 7
3
1 | 7
2
9 | 7
3
0 | 6
3
3 | 6
4
7 | 6
4
7 | 5
8
5 | 7
3
1 | 6
1
6 | 7
3
1 | 5
7
6 | 7
3
0 | 6
4
0 | 5
9
4 | males
(cont...) |
| | ANIMAL ID | 0
0
1
9
9 | 0
0
2
0
1 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
1
3 | 0
0
2
1
4 | 0
0
2
1
5 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
1
9 | 0
0
2
2
0 | 0
0
2
2
3 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
3
1 | 0
0
2
3
4 | |
| | | |
| | | |
| | | |

ALIMENTARY SYSTEM

| |
|----------------------------|
| Esophagus | + |
| Gallbladder | + | I | + | I | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Developmental Malformation | |
| Edema | | | | 2 | |
| Inflammation |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum | + | + | + | + | + | A | A | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A |
| Developmental Malformation | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Liver | + |
| Basophilic Focus | | | | | | | X | | | | | | | X | | | X | | | | | | | | |
| Clear Cell Focus |
| Eosinophilic Focus | 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

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 50

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|---------------------------------------|-------------|--------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
3
4 | 7
1
8 | 6
3
9 | 6
7
5 | 7
3
4 | 6
2
2 | 5
7
0 | 7
0
1 | 6
8
2 | 7
2
6 | 7
2
9 | 7
3
1 | 7
2
9 | 6
3
0 | 6
3
7 | 6
4
7 | 5
8
5 | 7
3
1 | 6
1
6 | 7
3
1 | 5
7
6 | 7
3
0 | 6
4
0 | 5
9
4 | males
(cont...) |
| | ANIMAL ID | 0
0
1
9
9 | 0
0
2
0
1 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
1
3 | 0
0
2
1
4 | 0
0
2
1
5 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
2
9 | 0
0
2
2
0 | 0
0
2
2
3 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
3
1 | |
| | | 0 | |
| | | 1 | 2 |
| | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 |
| Hematopoietic Cell Proliferation | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Mixed Cell Focus | | X | | X | |
| Necrosis, Focal | | | | | 3 | | | | | | 2 | | | | 4 | | | | 2 | 3 | | | | | | |
| Centrilobular, Necrosis | | | | 4 | | | 4 | 2 | | 3 | | | | | | | 1 | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | 4 | 2 | 3 | 3 | | | 3 | 2 | | | | | | 2 | | | | | 2 | 4 | | | | | |
| Mesentery | | | | | | | | | | | | | | | + | + | | | | | | + | | | | |
| Fat, Necrosis | | |
| Pancreas | | + |
| Necrosis | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | 3 | | | | 3 | | | 3 | | | | | | |
| Salivary Glands | | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | |
| Stomach, Forestomach | | + |
| Diverticulum | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | 3 | |
| Ulcer | | | | | | | | | | | | | | | | 2 | | | | | | | | 3 | | |
| Epithelium, Hyperplasia, Squamous | | | | | 3 | | | 3 | | | | | | | 1 | | | | | | | | | | | |
| Stomach, Glandular | | + |
| Erosion | | |
| Metaplasia, Atypical | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | | 3 | | | 3 | | | |

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

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 51

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|--------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
3
4 | 7
1
8 | 6
3
9 | 6
7
5 | 7
3
4 | 6
2
2 | 5
7
0 | 7
0
1 | 6
8
2 | 7
2
6 | 7
2
9 | 7
3
1 | 7
2
9 | 7
3
0 | 6
3
3 | 6
4
7 | 6
4
7 | 5
8
5 | 7
3
1 | 6
1
6 | 7
3
1 | 5
7
6 | 7
3
0 | 6
4
0 | 5
9
4 | males
(cont...) |
| | ANIMAL ID | 0
0
1
9
9 | 0
0
2
0
1 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
1
3 | 0
0
2
1
4 | 0
0
2
1
5 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
1
9 | 0
0
2
2
0 | 0
0
2
2
3 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
3
1 | 0
0
2
3
4 | |
| | | |
| | | |
| | | |

Blood Vessel
Hypertrophy
Inflammation, Chronic

+
4
4

Heart
Cardiomyopathy
Inflammation, Chronic
Mineralization

+
1
4 4 2
3 2

ENDOCRINE SYSTEM

Adrenal Cortex
Accessory Adrenal Cortical Nodule
Angiectasis
Hyperplasia, Focal
Hypertrophy, Focal
Capsule, Hyperplasia

+
3
4
2 2

Adrenal Medulla

+ +

Islets, Pancreatic
Hyperplasia

+
1 1 1 2 1

Parathyroid Gland
Cyst

+ + + + M + + + M + + M M + + + + M + + + M + + + +
3

Pituitary Gland

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 52

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
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Date Report Reqsted: 08/21/2006
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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
3
4 | 7
1
8 | 6
3
9 | 6
7
5 | 7
3
4 | 6
2
2 | 5
7
0 | 7
0
1 | 6
8
2 | 7
2
6 | 7
2
9 | 7
3
1 | 7
2
9 | 7
3
0 | 6
3
3 | 6
4
7 | 6
4
7 | 5
8
5 | 7
3
1 | 6
1
6 | 7
3
1 | 5
7
6 | 7
3
0 | 6
4
0 | 5
9
4 | males
(cont...) |
| | ANIMAL ID | 0
0
1
9
9 | 0
0
2
0
1 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
1
3 | 0
0
2
1
4 | 0
0
2
1
5 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
1
9 | 0
0
2
2
0 | 0
0
2
2
3 | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
3
1 | 0
0
2
3
4 |
| | | |
| | | |

Pars Distalis, Cyst

3

Thyroid Gland
Follicle, Cyst
Follicle, Degeneration, Focal
Follicular Cell, Hyperplasia

+
2 1 1 2 2

GENERAL BODY SYSTEM

Tissue NOS

+

GENITAL SYSTEM

Epididymis
Necrosis

+
3

Penis

Preputial Gland
Foreign Body
Granuloma
Inflammation, Chronic
Duct, Ectasia

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

Prostate
Inflammation, Chronic

+
2

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

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|---|-------------|--------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
3
4 | 7
1
8 | 6
3
9 | 6
7
5 | 7
3
4 | 6
2
2 | 5
7
0 | 7
0
1 | 6
8
2 | 7
2
6 | 7
2
9 | 7
3
1 | 7
2
9 | 7
3
0 | 6
3
3 | 6
4
7 | 6
4
7 | 5
8
5 | 7
3
1 | 6
1
6 | 7
3
1 | 5
7
6 | 7
3
0 | 6
4
0 | 5
9
4 | males
(cont...) |
| | ANIMAL ID | 0
0
1
9
9 | 0
0
2
0
1 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
1
3 | 0
0
2
1
4 | 0
0
2
1
5 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
1
9 | 0
0
2
2
0 | 0
0
2
2
3 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
3
1 | 0
0
2
3
4 | |
| | | |
| | | |
| | | |
| Seminal Vesicle
Degeneration | | + | |
| Testes
Germinal Epithelium, Atrophy | | + | |
| | | | | | | | | 2 | | | | 2 | | | | 3 | | | 2 | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | |
| Bone Marrow
Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | |
| | | 2 | 4 | 3 | 3 | 2 | 4 | | 4 | 2 | 3 | 1 | 2 | 2 | 2 | | | 3 | 2 | 4 | 2 | | 3 | 4 | 3 | 2 | |
| Lymph Node
Mediastinal, Hemorrhage
Mediastinal, Pigmentation | | |
| Lymph Node, Mandibular
Atrophy
Pigmentation | | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | 2 | | 2 | | | | 2 | | 2 | 3 | | | | 3 | | | 3 | 2 | | | | 2 | 3 | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | |
| Lymph Node, Mesenteric
Angiectasis
Atrophy
Hematopoietic Cell Proliferation
Hemorrhage
Hyperplasia, Lymphoid | | + | + | + | + | + | I | M | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| | | | 2 | 3 | 3 | | | | 3 | 3 | | | | | 3 | | | | 2 | 3 | | | | | 2 | | |
| | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Spleen
Angiectasis
Fibrosis | | + | |

* .. 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 54

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|----------------------------------|-------------|--------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
3
4 | 7
1
8 | 6
3
9 | 6
7
5 | 7
3
4 | 6
2
2 | 5
7
0 | 7
0
1 | 6
8
2 | 7
2
6 | 7
2
9 | 7
3
1 | 7
2
9 | 7
3
0 | 6
3
3 | 6
4
7 | 6
4
7 | 5
8
5 | 7
3
1 | 6
1
6 | 7
3
1 | 5
7
6 | 7
3
0 | 6
4
0 | 5
9
4 | males
(cont...) |
| | ANIMAL ID | 0
0
1
9
9 | 0
0
2
0
1 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
2
3 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
2
9 | 0
0
2
3
1 | 0
0
2
3
4 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Hematopoietic Cell Proliferation | | 1 | 2 | 4 | 3 | 3 | 4 | | 4 | 4 | 3 | | 4 | | 3 | | 2 | 4 | | 4 | 2 | 2 | 3 | 3 | 3 | 4 | |
| Lymphoid Follicle, Atrophy | | | | | | | | | 2 | | | | 3 | | | | 3 | | | | | | | | | | |
| Lymphoid Follicle, Hyperplasia | | |
| Thymus | | + | + | + | + | + | + | + | M | M | + | M | + | + | + | + | I | + | + | + | + | + | M | + | + | + | |
| Atrophy | | | 4 | 3 | 4 | | 4 | 3 | 3 | | | | 3 | | | 3 | | 3 | 3 | 3 | | | | 2 | 4 | 3 | |
| Cyst | | | | | 3 | | | 3 | | | | 3 | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| INTEGUMENTARY SYSTEM | | |
| Mammary Gland | | + | |
| Skin | | + | |
| Edema | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | 4 | | | | 4 | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | 3 | | | | 4 | | | |
| MUSCULOSKELETAL SYSTEM | | |
| Bone | | + | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | |
| Femur, Fibrous Osteodystrophy | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Skeletal Muscle | | |
| Atrophy | | | + | | | | | + | | | | | | | | + | | | | | | | + | | | | |

* .. 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 55

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|--------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
3
4 | 7
1
8 | 6
3
9 | 6
7
5 | 7
3
4 | 6
2
2 | 5
7
0 | 7
0
1 | 6
8
2 | 7
2
6 | 7
2
9 | 7
3
1 | 7
2
9 | 6
3
0 | 6
4
7 | 6
4
7 | 5
8
5 | 7
3
1 | 6
1
6 | 7
3
1 | 5
7
6 | 7
3
0 | 6
4
0 | 5
9
4 | males
(cont...) |
| | ANIMAL ID | 0
0
1
9
9 | 0
0
2
0
1 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
1
3 | 0
0
2
1
4 | 0
0
2
1
5 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
2
9 | 0
0
2
2
0 | 0
0
2
2
3 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
3
3
1 | |
| | | 0 | |
| | | 0 | |
| | | 1 | 2 | 3 | 4 |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| |
|-----------------------------------|
| Lung | + |
| Edema |
| Foreign Body |
| Hemorrhage |
| Hyperplasia, Lymphoid |
| Infiltration Cellular, Histiocyte | | | | | | | | 1 | | 4 | | 1 | | 3 | | | | | | | | | 4 | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Thrombosis |
| Alveolar Epithelium, Hyperplasia | | | | 3 | | | | | | | | | | 2 | 2 | | | | | | | | | | |
| Nose | + |
| Foreign Body |
| Inflammation, Chronic |
| 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

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TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|--------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7 | 7 | 6 | 6 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 7 | 6 | 7 | 5 | 7 | 6 | 5 |
| | | 3 | 1 | 3 | 7 | 3 | 2 | 7 | 0 | 8 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 4 | 8 | 3 | 1 | 3 | 7 | 3 | 4 | 9 |
| | | 4 | 8 | 9 | 5 | 4 | 2 | 0 | 1 | 2 | 6 | 9 | 1 | 9 | 0 | 3 | 7 | 7 | 5 | 1 | 6 | 1 | 6 | 0 | 0 | 4 |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 | 2 |
| | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| | | 9 | 1 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 3 | 7 | 8 | 9 | 1 | 4 |
| | | males
(cont...) |

SPECIAL SENSES SYSTEM

| |
|--------------------|
| Eye | + |
| Harderian Gland | + |
| Hyperplasia, Focal | | | 1 | |

URINARY SYSTEM

| |
|-----------------------------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | 3 | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | 3 | | | | | 3 | | |
| Glomerulosclerosis | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Hydronephrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | |
| Infarct | | | | X | |
| Inflammation, Suppurative |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | | | |
| Inflammation, Chronic | | | | | 3 | |
| Metaplasia, Osseous | | | | | | 2 | |
| Nephropathy | | 1 | 1 | 4 | 1 | | | 1 | 3 | | 4 | | | 1 | | | 1 | 1 | 1 | | 1 | 1 | | | 4 | |
| Renal Tubule, Dilatation, Diffuse | | | | | | | | | | | | | | | 3 | | | | 3 | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | 1 | | 1 | | | | | | | | | | | 4 | | | | | | |
| Renal Tubule, Pigmentation | | | | 3 | | | 4 | | 3 | 3 | 4 | 2 | 3 | | 4 | 3 | 3 | 4 | | 3 | | | | | | 3 |
| Urinary Bladder | + |
| Edema |

* .. 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 57

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
1 | 7
3
4 | 3
9
7 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
1
2 | 7
0
6 | 7
3
1 |
| | ANIMAL ID | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 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
5 | 0
0
2
4
6 | 0
0
2
5
0 | 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
6
9 | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
3
4 |
| | | |
| | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |

ALIMENTARY SYSTEM

| | |
|----------------------------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | M | + | + | + | + | + | + | M | + | + | + | M | M | + | M | + | + | + | + | + | M | + | + | + | 40 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Developmental Malformation | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Edema |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Inflammation | | | | | | | | | | | | | 3 | | | | | | | | | | | | 1 3.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | 43 |
| Developmental Malformation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basophilic Focus | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| Clear Cell Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 1 |
| Eosinophilic Focus | X | | X | | X | | X | | X | | X | | | X | X | | | | | X | X | | X | | 19 |

* .. 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 58

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | | | |
|---------------------------------------|-----------|----|----------|-----|
| | | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
1 | 7
3
4 | 7
3
0 | 3
9
7 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
1
2 | 7
0
6 | 7
3
1 | | | |
| | | | | | | |
| B6C3F1 MICE MALE
1000 MG/L | ANIMAL ID | 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 | 2 | 2 | | |
| | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | | |
| | | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | * TOTALS | |
| Hematopoietic Cell Proliferation | | 2 | | 2 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 2.0 |
| Infiltration Cellular, Mixed Cell | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Mixed Cell Focus | | | X | | | | | | | | | | | | | | | | | | X | | | | | | 4 | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | 2 | | | | | | | | 3 | | 7 | 2.7 |
| Centrilobular, Necrosis | | 2 | | | | | | | | | | | 1 | | | | | | | | 2 | | | | | | 8 | 2.4 |
| Hepatocyte, Vacuolization Cytoplasmic | | | 4 | | | | | | | 4 | 4 | 4 | | 3 | | 4 | | | | 3 | | 3 | 3 | | 4 | | 19 | 3.2 |
| | | | | | | |
| Mesentery | | | | | | + | + | | | | | | | + | | | + | | | + | | | | | | 8 | | |
| Fat, Necrosis | | | | | | 4 | 3 | | | | | | | | | | 2 | | | | | | | | | | 3 | 3.0 |
| | | | | | | |
| Pancreas |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Acinus, Cytoplasmic Alteration | | | | | | | | 3 | | | | | 3 | | 3 | | | | | | | | | 3 | 3 | | 8 | 3.0 |
| | | | | | | |
| Salivary Glands |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | 2 | | 5 | 2.0 |
| | | | | | | |
| Stomach, Forestomach |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Diverticulum | | | | | | | | | | | | | | | X | | | | | | | | | | | | 2 | |
| Inflammation, Chronic | | | 2 | | | | | | | | | 2 | | | | | | | | | | | | | | | 3 | 2.3 |
| Ulcer | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 3 | 2.7 |
| Epithelium, Hyperplasia, Squamous | | | 3 | | 2 | | | | | | 2 | 3 | | | 2 | | | | | | | | 2 | | | | 9 | 2.3 |
| | | | | | | |
| Stomach, Glandular |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Erosion | | | | | | | | | | | | | | | | | 2 | | | 3 | | | | 3 | | | 3 | 2.7 |
| Metaplasia, Atypical |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Glands, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 3.0 |

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

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 59

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|-------------------------------|-------------|-------------|---|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
1 | 7
3
3 | 7
3
4 | 7
3
0 | 3
9
7 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
1
2 | 7
0
6 | 7
3
1 | |
| | ANIMAL ID | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 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
5
6 | 0
0
2
5
9 | 0
0
2
5
0 | 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
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
0 | 0
0
2
7
1 | | |
| | | 0 | |
| | | 2 | 2 |
| | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | * TOTALS | |

| | | |
|--|----|-------------------------|
| Blood Vessel
Hypertrophy
Inflammation, Chronic | 4 | 1 4.0
1 4.0 |
| Heart
Cardiomyopathy
Inflammation, Chronic
Mineralization | + | 50 | 1 1.0
3 2.7
5 2.4 |

ENDOCRINE SYSTEM

| | | |
|--|----|---|
| Adrenal Cortex
Accessory Adrenal Cortical Nodule
Angiectasis
Hyperplasia, Focal
Hypertrophy, Focal
Capsule, Hyperplasia | + | 3 | 50 | 2 3.0
1 4.0
1 1.0
2 2.0
2 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | 47 | |
| Islets, Pancreatic
Hyperplasia | + | 1 | 50 | 10 1.5 |
| Parathyroid Gland
Cyst | + | + | + | + | + | + | + | + | + | M | M | + | M | + | M | + | M | M | + | + | + | + | + | + | 38 | 1 3.0 |
| Pituitary 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

Page 60

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
1 | 7
3
4 | 3
9
7 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
1
2 | 7
0
6 | 7
3
1 |
| | ANIMAL ID | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 0
0
2
3
9 | 0
0
2
4
0 | 0
0
2
4
1 | 0
0
2
4
2 | 0
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2
4
3 | 0
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2
4
4 | 0
0
2
4
5 | 0
0
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4
6 | 0
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4
7 | 0
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2
4
8 | 0
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2
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1 | 0
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2 | 0
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3 | 0
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4 | 0
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2
5
5 | 0
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6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
4 |
| | | 0 |
| | | 0 |
| | | 2 |
| | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| | | 5 | 6 | 7 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 |
| | | * TOTALS | |

| | | | | | |
|-------------------------------|-------|---|---|---|----|
| Pars Distalis, Cyst | 3 | | | | | | | | | | 3 | | | | | | | | | | 3 3.0 | | | | |
| Thyroid Gland | + | + | + | + | 50 |
| Follicle, Cyst | | | | | | | | | | | 3 | | | | | | | | | | 2 3.0 | | | | |
| Follicle, Degeneration, Focal | 1 | | | | | | | | | | 2 | | | | | | | | | | 8 1.5 | | | | |
| Follicular Cell, Hyperplasia | 1 | | | | | | | | | | 2 | | | | | | | | | | 5 1.6 | | | | |

GENERAL BODY SYSTEM

| | | |
|------------|---|---|
| Tissue NOS | 1 | 1 |
|------------|---|---|

GENITAL SYSTEM

| | | | | | | | | | |
|-----------------------|--------|--------|---|---|---|-------|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 | | | | | | | |
| Necrosis | | | | | | | | | |
| Penis | + | | | | | | | | | | | | | | + | | | | | | | | | | | 2 | | | | | | | |
| | | | | | | | | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 4.0 | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | X | + | + | + | + | + | + | | + | + | + | + | + | + | + |
| Granuloma | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | 1 4.0 | | | |
| Inflammation, Chronic | | 2 | | | | 2 | | 2 | | | 2 | 2 | 4 | | | | | 2 | 2 | | 2 | 3 | 2 | | 22 2.2 | 47 3.1 | | | | | | | |
| Duct, Ectasia | 2 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 2 | 3 | 3 | 2 | 2 | 2 | 4 | 4 | 4 | 3 | 3 | | | | | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 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 61

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|----------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
1 | 7
3
4 | 3
9
7 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
1
2 | 7
0
6 | 7
3
1 | * TOTALS |
| | ANIMAL ID | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 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
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2
4
5 | 0
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2
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6 | 0
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7 | 0
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4
8 | 0
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5
9 | 0
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1 | 0
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2
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2 | 0
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3 | 0
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4 | 0
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5 | 0
0
2
6
6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | |
| | | 0 | |
| | | 0 | |

| | |
|--|-------------|
| Seminal Vesicle
Degeneration | + | 50
1 2.0 |
| Testes
Germinal Epithelium, Atrophy | + | 50
8 2.4 |

HEMATOPOIETIC SYSTEM

| | |
|---------------------------------------|--------------|
| Bone Marrow
Hyperplasia | + | 48
40 2.6 |
| Lymph Node
Mediastinal, Hemorrhage | + | | | | + | | | | | | | | | + | | | | | | | | | | | 3
3 2.0 |
| Mediastinal, Pigmentation | 2 | | | | 2 | | | | | | | | | 2 | | | | | | | | | | | 3
3 2.0 |
| Lymph Node, Mandibular
Atrophy | + | 45
18 2.4 |
| Pigmentation | 2 | | 2 | | 2 | | 3 | | | | | | | 3 | | | | 3 | | | 2 | | 3 | | 2
2 3.0 |
| Lymph Node, Mesenteric
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 45
1 3.0 |
| Atrophy | | | | | | 2 | 3 | | | | | | | 2 | | | 3 | | | 2 | 3 | | 2 | | 15 2.5 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.3 |
| Hemorrhage | | 2 | | | | | 2 | | | | | | | | | | | | | | | | | | 2 2.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 4.0 |
| Spleen
Angiectasis | + | 50
1 2.0 |
| Fibrosis | | 2 | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 62

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|----------------------------------|-------------|----------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
1 | 7
3
4 | 3
9
7 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
1
2 | 7
0
6 | 7
3
1 | * TOTALS |
| | ANIMAL ID | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 0
0
2
3
9 | 0
0
2
4
0 | 0
0
2
4
1 | 0
0
2
4
2 | 0
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2
4
3 | 0
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2
4
5 | 0
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2
4
6 | 0
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2
4
9 | 0
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2
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3 | 0
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4 | 0
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5 | 0
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6 | 0
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5
7 | 0
0
2
5
8 | 0
0
2
6
9 | 0
0
2
6
1 | 0
0
2
6
2 | |
| | | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 2 | 4 | 4 | 2 | | 4 | 3 | 3 | 4 | | |
| | | |
| Hematopoietic Cell Proliferation | | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 2 | 4 | 4 | 2 | | 4 | 3 | 3 | 4 | | 40 3.3 |
| Lymphoid Follicle, Atrophy | | | | | | | | 3 | | | | | | 3 | | | | | | 3 | | | | | 6 2.8 |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | | | | | | | 1 2.0 |
| Thymus | | + | + | + | M | + | + | I | + | + | + | + | M | + | + | + | + | + | M | + | M | + | + | + | 40 |
| Atrophy | | 3 | 3 | 3 | | 3 | 3 | | | | | | | | 3 | | | 3 | | | | 3 | 3 | 3 | 24 3.1 |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 3.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| INTEGUMENTARY SYSTEM | | |
| Mammary Gland |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | | | | | | | | | | | | | | | | 3 | | | | | | | 1 3.0 |
| Ulcer | | | | | | | 4 | | | | | | | | | | | 4 | | | | | | | 4 4.0 |
| Epidermis, Hyperplasia | | | | | | | 2 | | | | | | | | | | | 2 | | | | | | | 4 2.8 |
| MUSCULOSKELETAL SYSTEM | | |
| Bone |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Necrosis, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Femur, Fibrous Osteodystrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Skeletal Muscle | | + | | | | | | | | | | | | | + | | | | | | | | | | 6 |
| Atrophy | | 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

Page 63

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
0 | 7
3
1 | 7
3
4 | 3
9
0 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
1
2 | 7
0
6 | 7
3
1 | |
| | ANIMAL ID | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 0
0
2
3
9 | 0
0
2
4
0 | 0
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2
4
1 | 0
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2 | 0
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5 | 0
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6 | 0
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3 | 0
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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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5
9 | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
6
4 |
| | * TOTALS | |

NERVOUS SYSTEM

| | |
|------------------|-------|
| Brain | + | 50 |
| Hemorrhage | 4 | | 1 4.0 |
| Peripheral Nerve | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + | 5 |
| Atrophy | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 1.0 |
| Spinal Cord | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + | 5 |

RESPIRATORY SYSTEM

| | |
|-----------------------------------|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Foreign Body | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Hemorrhage | | | | | | | | | | | | | | | | | 2 | | | | | | | | | 2 2.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | 1 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | 3 | | | | | | | | | | | 3 | | | | | 7 2.7 |
| Inflammation, Suppurative | | | | | | | | 4 | | | | | | | | | | | | | | | | | | 2 3.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 2 2.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 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

Page 64

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|-------------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
1000 MG/L | DAY ON TEST | 7
0
2 | 7
3
1 | 6
4
7 | 5
9
5 | 5
0
5 | 7
2
9 | 7
2
1 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
0 | 7
3
1 | 7
3
4 | 7
3
0 | 3
9
7 | 7
2
9 | 6
8
1 | 6
6
6 | 7
2
9 | 7
2
6 | 7
0
6 | 7
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2 | 7
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6 | 7
3
1 |
| | ANIMAL ID | 0
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0
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1 | 0
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2 | 0
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3 | 0
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5 | 0
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6 | 0
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9 | 0
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2 | 0
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3 | 0
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4 | 0
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5
5 | 0
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2
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6 | 0
0
2
5
7 | 0
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2
5
8 | 0
0
2
5
9 | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 |
| | * TOTALS | |

SPECIAL SENSES SYSTEM

| | |
|--------------------|-------|
| Eye | + | 50 |
| Harderian Gland | + | 50 |
| Hyperplasia, Focal | | | | | | | | | 2 | | | | | | | | | | | | | | | | | 2 1.5 |

URINARY SYSTEM

| | |
|-----------------------------------|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 |
| Glomerulosclerosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Hydronephrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | | 2 2.0 |
| Infarct | | | | | | X | | X | | | | | | | | | X | | | X | | | | | | 5 |
| Inflammation, Suppurative |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Inflammation, Chronic | | | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.5 |
| Metaplasia, Osseous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Nephropathy | 2 | 3 | 2 | 2 | 1 | | 4 | | 1 | 1 | | | | 1 | | 1 | | 1 | 1 | | | | 3 | 3 | 1 | 29 1.8 |
| Renal Tubule, Dilatation, Diffuse |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 |
| Renal Tubule, Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.0 |
| Renal Tubule, Pigmentation | 4 | | 4 | 4 | | 4 | | 3 | | | | | | 3 | 4 | | 2 | 4 | | 4 | | | | 1 | | 24 3.3 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | | | | | | | | | | | | | | | 3 | | | | | | | | | 1 3.0 |

*** END OF MALE DATA ***

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

+ .. Tissue examined microscopically

x .. Lesion present

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. 96019 - 06
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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Lab: SRI

| | |
|----------------------------------|-------------------|
| B6C3F1 MICE FEMALE

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

ALIMENTARY SYSTEM

| |
|-----------------------------------|
| Esophagus | + |
| Gallbladder | + | + | + | + | + | + | + | + | A | + | + | A | + | + | A | + | + | + | + | + | + | A | + | + | A |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | M | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | |
| Liver | + |
| Angiectasis |
| Basophilic Focus |
| Clear Cell Focus | | | X | |
| Eosinophilic Focus | | | | | | | X | | | | X | | | | X | | X | | X | | | | | | |
| Hematopoietic Cell Proliferation | |
| Hemorrhage | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | 2 | | | | | | | | 3 | | | | | | | | 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|------------------------------|------------------|----------------------|
| B6C3F1 MICE FEMALE
0 MG/L | DAY ON TEST | 7
3
7 | 7
3
7 | 5
0
6 | 7
3
7 | 7
3
7 | 7
3
7 | 6
4
5 | 7
3
7 | 7
2
4 | 6
9
6 | 7
3
7 | 6
7
0 | 7
3
4 | 3
9
0 | 7
2
8 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
5 | 7
2
8 | 7
3
6 | 7
3
6 | 3
4
0 | females
(cont...) |
| | ANIMAL ID | 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 | 0
0
2
8
0 | 0
0
2
8
1 | 0
0
2
8
2 | 0
0
2
8
5 | 0
0
2
8
6 | 0
0
2
8
7 | 0
0
2
9
0 | 0
0
2
9
1 | 0
0
2
9
2 | 0
0
2
9
5 | 0
0
2
9
6 | 0
0
2
9
7 | |
| | Mixed Cell Focus | | X | | | | | X | | | X | | | | | X | | | | | | | | | |
| | Necrosis, Focal | | | | | | | | | 4 | 2 | | | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
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CARDIOVASCULAR SYSTEM

| |
|--------------|
| Blood Vessel | |
| |

* .. 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 67

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

| |
|------------|
| Heart | + |
| Thrombosis | |

ENDOCRINE SYSTEM

| |
|-----------------------------------|
| Adrenal Cortex | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | 3 | 3 | | 3 | | | | 3 | | | | | | | 3 |
| Hyperplasia, Focal |
| Adrenal Medulla | + |
| Islets, Pancreatic | + |
| Hyperplasia | | | | | | | | | | | | | | | | | 2 | | | | | | | | |
| Parathyroid Gland | M | M | + | M | M | M | + | + | + | + | + | + | + | + | + | + | M | M | + | M | M | + | M | + | + |
| Cyst |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis |
| Pars Distalis, Cyst |
| Pars Distalis, Hyperplasia, Focal | 1 | | | | | | | | 2 | | | | | 1 | | | | | | | 1 | | 2 | 3 | |
| Thyroid Gland | + |
| Follicle, Cyst |
| Follicle, Degeneration, Focal | | | 2 | 2 | | | | 2 | | | | | 2 | | | | | 3 | | | | | | 1 | 2 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | 3 | | 1 | | | 3 | | | 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 68

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| |
|----------------------------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | I |
| Cyst |
| Ovary | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Amyloid Deposition |
| Angiectasis |
| Cyst | | 3 | 3 | | | 3 | 3 | 3 | | 3 | 3 | | 3 | 3 | | 3 | | 3 | | 3 | | 3 | | | |
| Thecal Cell, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | |
| Uterus | + |
| Angiectasis |
| Endometrium, Hyperplasia, Cystic | 3 | 4 | 3 | 3 | 4 | 1 | 3 | 4 | 4 | 3 | 3 | 4 | 1 | 3 | | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 2 | |
| Vagina |

HEMATOPOIETIC SYSTEM

| |
|-------------|
| Bone Marrow | + |
| Hyperplasia | | 3 | 3 | | | | | | 3 | 3 | | | | | | 2 | | 3 | | | | 3 | | | 4 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | females
(cont...) | |
|----------------------------------|--|-------------|----------------------|---|
| | | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | | |
| | | 3 | 3 | 0 | 3 | 3 | 3 | 4 | 3 | 2 | 9 | 3 | 7 | 3 | 3 | 9 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | | 4 |
| | | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 4 | 6 | 7 | 0 | 7 | 4 | 0 | 8 | 5 | 5 | 5 | 5 | 5 | 8 | 6 | 6 | | 0 |
| | | | | |
| B6C3F1 MICE FEMALE | | | | |
| 0 MG/L | | | | |
| ANIMAL ID | | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 5 | 6 | 7 | 0 | 1 | 2 | 5 | 6 | 7 | |
| Lymph Node | | + | | | | | | + | | + | | | | | | | | + | | + | | + | | | | | |
| Iliac, Ectasia | | | | | | | | | | | | | | | | | | 4 | | 2 | | | | | | | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 3 | | | | 3 | | | | | |
| Lymph Node, Mandibular | | + | + | | |
| Atrophy | | | | |
| Hemorrhage | | | | | | 1 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | 2 | | | | | | | | | 2 | | | | |
| Pigmentation | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | | + | + | | |
| Atrophy | | | | |
| Ectasia | | | | |
| Hematopoietic Cell Proliferation | | | | |
| Hemorrhage | | | | 3 | | |
| Hyperplasia, Lymphoid | | | | 2 | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Spleen | | + | + | | |
| Hematopoietic Cell Proliferation | | 1 | 3 | 4 | 1 | | 2 | 4 | 1 | | 4 | | | | 2 | | 3 | 2 | 3 | 1 | | | 4 | 2 | 1 | | |
| Lymphoid Follicle, Atrophy | | | | |
| Lymphoid Follicle, Hyperplasia | | | | | 2 | 2 | 2 | | | | | | | | | | 2 | | | | 2 | | 3 | | | | |
| Thymus | | + | + | | |
| Atrophy | | | | |
| Hyperplasia, Lymphoid | | 2 | | | | | | | | | | | 2 | | | 3 | | | | | | | | | | | |

INTEGUMENTARY 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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Date Report Requested: 08/21/2006
Time Report Requested: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | |
|------------------------------|-------------|
| B6C3F1 MICE FEMALE
0 MG/L | DAY ON TEST | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 |
| | | 3 | 3 | 0 | 3 | 3 | 3 | 4 | 3 | 2 | 9 | 3 | 7 | 3 | 3 | 9 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 4 |
| | | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 4 | 6 | 7 | 0 | 7 | 4 | 0 | 8 | 5 | 5 | 5 | 5 | 5 | 8 | 6 | 0 |
| | ANIMAL ID | 0 |
| | | 0 |

| |
|-----------------------------------|
| Lung | + |
| Hemorrhage | | | | | | | | | | | | 1 | | | | 3 | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | 4 | |
| Metaplasia, Osseous |
| Alveolar Epithelium, Hyperplasia | | | | | 2 | | | | | | | | | 1 | | | | | | | | | | | |
| Nose | + |
| Inflammation, Chronic |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----------------------|
| Ear | | | | + | |
| Eye | + |
| Atrophy | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic | |

URINARY SYSTEM

| |
|-----------------------|
| Kidney | + |
| Casts Granular |
| Infarct |
| 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 72

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

ALIMENTARY SYSTEM

| | |
|-----------------------------------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | M | + | + | A | + | + | + | + | + | A | + | + | + | + | + | 42 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | 3 | | | | | | | | | | | | | | 1 3.0 |
| Basophilic Focus | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Clear Cell Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 4 |
| Eosinophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 13 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2.3 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2 3.0 |
| Infiltration Cellular, Mixed Cell |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 2.3 |

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

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|---------------------------------------|-------------|----------|-----|
| B6C3F1 MICE FEMALE
0 MG/L | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 7 | 6 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 6 |
| | | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 5 | 5 | 9 | 5 | 7 | 1 | 7 | 7 | 5 | 5 | 5 | 4 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 | |
|  |  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 |
| | | * TOTALS | |
| Mixed Cell Focus | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Necrosis, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hepatocyte, Fatty Change, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| Hepatocyte, Hyperplasia, Nodular |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.3 |
| Hepatocyte, Vacuolization Cytoplasmic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Kupffer Cell, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.0 |
| Mesentery |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 |
| Fat, Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.3 |
| Pancreas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 49 |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| Acinus, Cytoplasmic Alteration |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.3 |
| Salivary Glands |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 50 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 17 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.1 |
| Stomach, Forestomach |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 50 |
| Diverticulum |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Erosion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Epithelium, Hyperplasia, Squamous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.3 |
| Stomach, Glandular |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 50 |
| Erosion |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.0 |

CARDIOVASCULAR SYSTEM

Blood Vessel 2

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

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

| | |
|------------|-------|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Thrombosis | | | | | | | | | 2 | | | | | | | | | | | | | | | | | 1 2.0 |

ENDOCRINE SYSTEM

| | | |
|-----------------------------------|----|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accessory Adrenal Cortical Nodule | | 3 | | | | | | | | | | 3 | | 3 | | 3 | | | | | | | 3 | | | 10 3.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | 2 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | 3 2.0 |
| Parathyroid Gland | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | 36 |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | 1 3.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Pars Distalis, Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | 2 1.5 |
| Pars Distalis, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | 1 | | | | 1 | | 1 | | | | | | | | 1 | | | 10 1.4 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Follicle, Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | 1 3.0 |
| Follicle, Degeneration, Focal | | 1 | | 1 | 1 | 1 | | | | 2 | 1 | 2 | | | 1 | | | | | 2 | | 2 | 2 | 2 | | 19 1.7 |
| Follicular Cell, Hyperplasia | 3 | | | | 3 | | 1 | | 4 | | 2 | | | | | | | 1 | 1 | | | | 1 | 1 | | 15 2.0 |

* .. 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

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TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Date Report Reqsted: 08/21/2006
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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

GENERAL BODY SYSTEM

| | |
|------------|---|
| Tissue NOS | 1 |
|------------|---|

GENITAL SYSTEM

| | |
|----------------------------------|--------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | I | + | M | + | + | + | + | M | + | M | + | + | + | + | + | + | + | 43 |
| Cyst | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Amyloid Deposition | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Angiectasis | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 6 3.0 |
| Cyst | | | | | 3 | | | | | 3 | | 3 | 3 | | | 3 | | | | 3 | | | 3 | 3 | 3 | | 20 3.0 |
| Thecal Cell, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Endometrium, Hyperplasia, Cystic | 3 | 3 | 3 | 4 | | 2 | 3 | 3 | 2 | 2 | | 3 | | | 4 | | 3 | | | | | 4 | 4 | 2 | 3 | | 39 3.1 |
| Vagina |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + | 1 |

HEMATOPOIETIC SYSTEM

| | |
|-------------|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | 2 | 3 | | 2 | | | | | | 3 | 3 | | | 4 | | | | | | | | | | | 14 2.9 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|----------------------------------|-------------|----------|--------|
| B6C3F1 MICE FEMALE
0 MG/L | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 6 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 6 |
| | | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 5 | 5 | 9 | 5 | 7 | 1 | 7 | 7 | 5 | 5 | 4 |
| | 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 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 |
| | | * TOTALS | |
| Lymph Node | | | | + | | + | | | | + | | | | + | | | | | | | | + | | 11 |
| Iliac, Ectasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 |
| Iliac, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Inguinal, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Renal, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.0 |
| Lymph Node, Mandibular |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M 49 |
| Atrophy | | | | 3 | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.0 |
| Pigmentation | | | | | | 3 | | | | 3 | | 3 | | | | 3 | | 3 | | 3 | | | | 7 3.0 |
| Lymph Node, Mesenteric |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | 3 | | | | | | | | | | 3 | | | | | | | | | | 2 3.0 |
| Ectasia | | | | | | | | | | | | | | | | | | | | 3 | | | | 1 3.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | 1 | | | | 2 | | | | | | | | 2 1.5 |
| Hemorrhage | | | | 2 | | | | | | | | | | | | | | 4 | | 2 | | | | 4 2.8 |
| Hyperplasia, Lymphoid | | | | 3 | | | | | | | | | | | | | | 2 | | | | | | 4 2.5 |
| Spleen | | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 49 |
| Hematopoietic Cell Proliferation | | | | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | | 2 | 4 | 1 | 3 | | 2 | 2 | | 2 | 33 2.4 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Lymphoid Follicle, Hyperplasia | | | | 2 | | | | | | 2 | | | | | | | | | | | | | | 8 2.1 |
| Thymus | | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Atrophy | | | | 4 | | | | | | | | | | 3 | | | | | | | | | | 2 3.5 |
| Hyperplasia, Lymphoid | | | | | | 2 | | | | | | | | | | 2 | | 3 | | | | | | 6 2.3 |

INTEGUMENTARY 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

| | |
|---------------|-------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | 4 2.3 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

MUSCULOSKELETAL SYSTEM

| | |
|------------------------|-------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 2.0 |
| Cranium, Osteopetrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | + | | | | | | | | 2 |

NERVOUS SYSTEM

| | |
|------------------|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression | | | 4 | | | | | | 3 | | | | | | | | | | | | | | | | 2 3.5 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Peripheral Nerve |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Spinal Cord |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

RESPIRATORY SYSTEM

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
0
0 | 7
3
6 | 5
3
1 | 7
3
5 | 7
3
5 | 6
0
9 | 7
3
5 | 7
3
7 | 2
7
1 | 7
3
7 | 7
3
5 | 7
3
5 | 7
3
5 | 6
6
4 | |
|----------------------------------|-----------|---|
| | | |
| B6C3F1 MICE FEMALE

0 MG/L | ANIMAL ID | 0 | 0 |
| | | 0 |
| | | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 |
| | | * TOTALS | | |

| | | |
|-----------------------------------|----|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.0 |
| Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | 3 | | | | | | | | | | | 3 | | | 1 | 3 | | | | | 5 2.8 |
| Metaplasia, Osseous | | | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Alveolar Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 1.5 |

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

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

SPECIAL SENSES SYSTEM

| | | |
|-----|---|--|
| Ear | 1 | |
|-----|---|--|

| | | | |
|---------|----|-------|--|
| Eye | + | 50 | | |
| Atrophy | | 1 4.0 | |

| | | |
|-----------------------|----|-------|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | 1 3.0 |

URINARY SYSTEM

| | | |
|-----------------------|----|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Casts Granular | | 2 | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 2.0 |
| Infarct | | X | | | | | X | | X | | | | | X | | | X | | X | | | | | | | | 8 |
| Inflammation, Chronic | | | | 2 | 3 | | | | | | | | | 2 | | | | | | | | | | | | | 4 2.3 |

* .. 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. 96019 - 06
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|---|-------------|----------|-------|
| B6C3F1 MICE FEMALE
0 MG/L | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 7 | 6 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 6 |
| | | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 5 | 5 | 9 | 5 | 7 | 1 | 7 | 7 | 5 | 5 | 5 | 4 |
| | 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 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 5 | 6 | 7 | 8 |
| | | * TOTALS | |
| Metaplasia, Osseous | | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Nephropathy | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 1.4 |
| Renal Tubule, Accumulation, Hyaline Droplet | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Renal Tubule, Necrosis | | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Urinary Bladder |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic | | 2 | | | 2 | 3 | | | | | | | | | | | | | | | | | 2 | | | 7 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

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Date Report Requested: 08/21/2006
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Lab: SRI

2) Mild 4) Marked

TDMS No. 96019 - 06
Test Type: CHRONIC
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Lab: SRI

| | | DAY ON TEST | | females
(cont...) |
|---------------------------------------|--|-------------|----------------------|
| | | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | |
| | | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 9 | 3 | |
| | | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | 6 | 3 | 6 | |
| | | | |
| B6C3F1 MICE FEMALE | | 0 | 0 | |
| 250 MG/L | | 0 | 0 | |
| ANIMAL ID | | 3 | 3 | |
| | | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 6 | 7 | 8 | 1 | |
| Eosinophilic Focus | | X | | | | X | X | X | X | X | X | X | | X | X | X | X | | | X | | X | | | | | |
| Hematopoietic Cell Proliferation | | | |
| Infiltration Cellular, Mixed Cell | | | | | | 2 | |
| Mixed Cell Focus | | | | | | | | | | | | X | | | | | X | X | | | | | X | | | | |
| Necrosis, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 | | |
| Tension Lipidosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | |
| Bile Duct, Cyst Multilocular | | | |
| Hepatocyte, Fatty Change |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | 3 | | 3 | | | 2 | | | 2 | | | 2 | | | | 2 | | | 3 | | | | 3 | | |
| | | | |
| Mesentery | | | + | | | | | | | + | | | | | + | + | | | + | + | | | + | | | | |
| Fat, Necrosis | | | 4 | | | | | | | 4 | | | | | 4 | 4 | | | 4 | 4 | | | 3 | | | | |
| | | | |
| Pancreas | | + | + | | |
| Atrophy | | | |
| Cyst | | | |
| Acinus, Cytoplasmic Alteration |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | | | 3 | | |
| | | | |
| Salivary Glands | | + | + | | |
| Hyperplasia, Lymphoid | | | | 2 | | | 2 | | 2 | | | 2 | | 3 | | 2 | 2 | 2 | | 2 | 2 | | 2 | | 2 | | |
| | | | |
| Stomach, Forestomach | | + | + | | |
| Edema |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | 3 | | | |
| Epithelium, Hyperplasia, Squamous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | 3 | | | |
| | | | |
| Stomach, Glandular | | + | + | | |

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
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1-4 .. Lesion qualified as:
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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

Blood Vessel

Heart
Cardiomyopathy
Mineralization
Thrombosis

ENDOCRINE SYSTEM

Adrenal Cortex
Accessory Adrenal Cortical Nodule
Zona Reticularis, Vacuolization
Cytoplasmic

Adrenal Medulla
Hyperplasia

Islets, Pancreatic
Hyperplasia

Parathyroid Gland
Cyst

Pituitary Gland
Pars Distalis, Cyst
Pars Distalis, Hyperplasia, Focal

TDMS No. 96019 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Requested: 08/21/2006
Time Report Requested: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | |
|------------------------------------|-----------|----------------------|--|
| DAY ON TEST | | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 9 | 3 | |
| | | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | 6 | 3 | 6 | |
| B6C3F1 MICE FEMALE
250 MG/L | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 3 | 3 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | |
| | | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 6 | 7 | 8 | 1 | |
| | | females
(cont...) | |
| Bone Marrow | | + | + | | |
| Depletion Cellular |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | | |
| Hyperplasia | | | | | | 2 | 2 | | 2 | | | | | | | | | | | 2 | | | | | | | |
| Myelofibrosis | | | | | | 2 | 2 | |
| | | | |
| Lymph Node | | | | + | | | | | | | | | | | | | + | | + | | | | | | | | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | 3 | |
| | | | |
| Lymph Node, Mandibular | | + | + | | |
| Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | | | |
| Hemorrhage | | | | | | 3 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | |
| Pigmentation | | | | | | 3 | 3 | | | | 3 | 3 | | | | | | | | | | | | | 3 | | |
| | | | |
| Lymph Node, Mesenteric | | + | + | | |
| Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | |
| Ectasia | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | 2 | | | | | | | | | 3 | | | | | |
| | | | |
| Spleen | | + | + | | |
| Hematopoietic Cell Proliferation | | | 3 | | | 4 | 3 | | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | | 3 | 1 | 2 | 1 | | 2 | 2 | 3 | | |
| Pigmentation | | | | | | | | | | | | | 3 | 3 | | | | | | | | 3 | | | 3 | | |
| Lymphoid Follicle, Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | | |
| Lymphoid Follicle, Hyperplasia | | | 2 | | | | 3 | | | | | | 2 | | | 2 | | | 2 | | | | | 2 | | | |
| | | | |
| Thymus | | M | + | | |
| Atrophy | | | | | | | | | | | | | | | 3 | | | | | | | 3 | | | 2 | | |
| Hyperplasia, Lymphoid | | | 3 | 2 | | | | | | | | | | | | 3 | | | | | | | | | | | |

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

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

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

Page 86

Date Report Requested: 08/21/2006
Time Report Requested: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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CAS Number: 5589-96-8
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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | |
|--|-------------|---|---|
| B6C3F1 MICE FEMALE
250 MG/L | DAY ON TEST | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 |
| | | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 3 | 9 | 3 |
| | | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 7 | 6 | 6 | 3 | 6 |
| | 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 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| | | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 6 | 7 | 8 |
| | | females (cont...) |
| Metaplasia, Osseous
Nephropathy | | 1 | |
| Urinary Bladder
Inflammation, Chronic | | + | |
| | | 2 | |

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | | | |
|---------------------------------------|-----------|----|-----|----------|
| | | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
4 | 7
3
4 | 6
1
9 | 6
4
6 | 7
3
4 | 7
3
7 | 7
3
7 | 5
7
0 | 7
0
7 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | | | |
| | | | | | | |
| B6C3F1 MICE FEMALE
250 MG/L | ANIMAL ID | 0 | 0 | | |
| | | 0 | | |
| | | 3 | | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 3 | * TOTALS |
| | | 2 | 3 | 4 | 6 | 7 | 8 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | | | | |
| Eosinophilic Focus | | | | | | | X | X | | | | | | | | | | X | | X | X | X | | X | X | | | 22 | | |
| Hematopoietic Cell Proliferation | | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 | |
| Infiltration Cellular, Mixed Cell | | | | | | 2 | | | | | | | 3 | | | | | | | | | | | | 2 | | | 4 | 2.3 | |
| Mixed Cell Focus | | | | | | | | | | X | | | X | | | | X | | | X | X | | | X | | | | 10 | | |
| Necrosis, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 1.0 | |
| Tension Lipidosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Bile Duct, Cyst Multilocular |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 1 | | |
| Hepatocyte, Fatty Change |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | 3 | | 2 | | | | | | | | | | | | | | | 2 | | | | | | | 11 | 2.5 | |
| | | | | | | |
| Mesentery | | + | + | + | | | | + | + | | | + | | | + | | | | | + | | + | | | | | | 16 | | |
| Fat, Necrosis | | 4 | 4 | | | | | 3 | 4 | | | 4 | | | 4 | | | | | 4 | | 4 | | | | | | 15 | 3.9 | |
| | | | | | | |
| Pancreas |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | 1 | 4.0 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | 1 | 3.0 | |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | 3 | | | 3 | | | | | | | 4 | 3.3 | |
| | | | | | | |
| Salivary Glands |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia, Lymphoid | | | | 2 | | | 3 | 3 | 2 | | | 2 | 2 | | | | | | | | | | | | | | | 19 | 2.2 | |
| | | | | | | |
| Stomach, Forestomach |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Edema |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 | |
| Ulcer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.0 | |
| Epithelium, Hyperplasia, Squamous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.5 | |
| | | | | | | |
| Stomach, Glandular |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

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

Date Report Requested: 08/21/2006
Time Report Requested: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | |
|---|--|-----------------------|------------------|
| | | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
4 | 7
3
4 | 6
1
9 | 6
4
6 | 7
3
4 | 7
3
7 | 7
3
7 | 5
7
0 | 7
0
7 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | |
| B6C3F1 MICE FEMALE
250 MG/L | | ANIMAL ID | |
| | | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
6
1 | 0
0
3
6
2 | |
| | | | |
| | | | |
| | | | |
| | | * TOTALS | |
| Thyroid Gland |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Granulomatous
Follicle, Cyst | | | | | | 2 | | | | | | | | | | | | | | 2 | | | | | | 2 2.0
4 3.0 |
| Follicle, Degeneration, Focal
Follicular Cell, Hyperplasia | | | | | 2 | 3 | 2 | 1 | 2 | | 3 | | 1 | | 2 | 3 | | | | 1 | 3 | 1 | 1 | | | 22 1.9
18 1.6 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | | | | | |
|----------------------------------|----|---|----|-----|--|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Angiectasis | | | | | | | | | | | 2 | | | | | | | | | | | | | 2 | | 2 | 6 | 2.3 | |
| Cyst | 3 | | | | 3 | 3 | | | | 3 | | | | | | 3 | | | | 3 | | | | | | | 15 | 3.0 | |
| Hyperplasia, Tubular |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | | 1 | 2.0 | |
| Thecal Cell, Hyperplasia | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Angiectasis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.0 | |
| Endometrium, Hyperplasia, Cystic | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | | 4 | 4 | 4 | 4 | 3 | 4 | | | | 4 | 4 | 46 | 3.5 | |
| Vagina | | | | 1 | |

HEMATOPOIETIC 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

Page 93

TDMS No. 96019 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| B6C3F1 MICE FEMALE
250 MG/L | DAY ON TEST | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
4 | 7
3
4 | 6
1
9 | 6
4
6 | 7
3
4 | 7
3
7 | 7
3
7 | 5
7
0 | 7
0
7 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | |
|------------------------------------|--------------------|----|
| | ANIMAL ID | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
6 | 0
0
3
7
7 | 0
0
3
7
8 | 0
0
3
7
9 | 0
0
3
8
0 | 0
0
3
8
1 | 0
0
3
8
2 | 0
0
3
8
3 | 0
0
3
8
4 | 0
0
3
8
6 | 0
0
3
8
7 | 0
0
3
8
8 | 0
0
3
8
9 | 0
0
3
9
1 | 0
0
3
9
2 | 0
0
3
9
3 | |
| | * TOTALS | | |
| | Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | Depletion Cellular | | |
| Hyperplasia | | | | 4 | | 2 | | | 2 | | | | 3 | 4 | | | | | | | | | 3 | | | | 10 |
| Myelofibrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymph Node | | | | | + | + | | | + | | + | | | + | | + | | | | + | | | + | | | | 11 |
| Iliac, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Mediastinal, Hyperplasia, Lymphoid |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | | | 2 |
| Lymph Node, Mandibular | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hyperplasia, Lymphoid | 2 | | | | | 4 | | | | | | | | | | | | | | | | | | | 2 | 2 | 6 |
| Pigmentation | | | | | | | 3 | 3 | | 3 | | | | | | | | | | | 3 | | | | | | 9 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | 48 |
| Atrophy | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | 2 |
| Ectasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | | | | 1 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | | | 2 |
| Hyperplasia, Lymphoid | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | 2 | | | 5 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hematopoietic Cell Proliferation | 3 | 2 | 3 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 4 | 3 | 3 | 2 | 2 | | | | 1 | | 3 | 2 | 2 | 3 | 3 | 40 |
| Pigmentation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| Lymphoid Follicle, Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoid Follicle, Hyperplasia | | | | | 2 | | 3 | | | 3 | 3 | 3 | | | | | 3 | 3 | | | | | | | | | 13 |
| Thymus | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | 47 |
| Atrophy | | | | | | | | | | | | 3 | | 3 | | | | | | | | | | | | | 5 |
| Hyperplasia, Lymphoid | | | 2 | | | | 2 | | | | | | | | | | | | | | | | | 3 | | 3 | 7 |

* .. 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

TDMS No. 96019 - 06
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Lab: SRI

| | | |
|--------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
250 MG/L | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 4 | 3 | 3 | 3 | 7 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 4 | 4 | 9 | 6 | 4 | 7 | 7 | 0 | 7 | 4 | 4 | 4 | 4 | 4 | 4 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 3 | 3 |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| | | 2 | 3 | 4 | 6 | 7 | 8 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 1 | 2 |
| | | * TOTALS | |

INTEGUMENTARY SYSTEM

| | |
|------------------------------|-------|
| Mammary Gland
Hyperplasia | + | 50 |
| | | | | | | | | | | 2 | | 3 | | | | | | | | | | | | | 2 2.5 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

MUSCULOSKELETAL SYSTEM

| | |
|--|-------|
| Bone
Fibrosis
Cranium, Osteopetrosis | + | 50 |
| | | | | | 3 | | | | | | | | | | | | | | 3 | | | | | | 6 2.5 |
| | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | + | | | | | | | 2 |

NERVOUS SYSTEM

| | |
|-----------------------------|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Peripheral Nerve
Atrophy | | | | | | | | | | | | | | | | | | | + | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | 3 | | | | | | 2 3.0 |
| Spinal Cord | 1 |

TDMS No. 96019 - 06
Test Type: CHRONIC
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| | | | |
|--------------------------------|-------------|----------|-----|
| B6C3F1 MICE FEMALE
250 MG/L | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 4 | 3 | 3 | 3 | 7 | 0 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 4 | 4 | 9 | 6 | 4 | 7 | 7 | 0 | 7 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 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 |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| | | 2 | 3 | 4 | 6 | 7 | 8 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 1 | 2 |
| | | * TOTALS | |
| Metaplasia, Osseous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Nephropathy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.4 |
| Urinary Bladder |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.0 |

* .. 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 97

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

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

females
(cont...)

ALIMENTARY SYSTEM

| |
|-----------------------------------|
| Esophagus | + |
| Gallbladder | + | + | + | M | A | + | + | + | + | + | M | + | A | + | + | I | + | + | + | + | + | + | + | A | + |
| Intestine Large, Cecum | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | A | + |
| Intestine Small, Duodenum | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | + |
| Intestine Small, Ileum | + | + | + | A | A | + |
| Intestine Small, Jejunum | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Epithelium, Hyperplasia |
| Liver | + |
| Angiectasis | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Basophilic Focus | | | X | | | | | | | | X | | | | | | | | | X | | | X | | X |
| Clear Cell Focus | | | | | | | | | | | | | | | X | | X | | | | | | | | |
| Eosinophilic Focus | | | | X | | | | X | X | X | X | X | X | X | | X | | X | X | X | X | | X | X | |
| Hematopoietic Cell Proliferation | |
| Hemorrhage | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | 3 | | | 2 | | | | | | | | 3 | 2 | | | | | | | | | | |

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

TDMS No. 96019 - 06
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Species/Strain: MICE/B6C3F1

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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | | females
(cont...) |
|--|--|---|-----------------------|--|----------------------|
| | | 7
3
6 | 7
3
6 | 7
3
6 | 7
0
2 | 6
9
2 | 7
3
7 | 6
7
0 | 7
3
7 | 7
3
6 | 7
3
6 | 6
5
7 | 7
2
5 | 6
7
3 | 6
2
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 5
9
5 | 7
0
2 | 7
3
7 | 5
6
8 | 7
1
5 | 7
3
6 | | |
| | | | | | |
| B6C3F1 MICE FEMALE | | 0
0
3
9
7 | 0
0
3
9
8 | 0
0
3
9
9 | 0
0
4
0
0 | 0
0
4
0
2 | 0
0
4
0
3 | 0
0
4
0
4 | 0
0
4
0
5 | 0
0
4
0
7 | 0
0
4
0
8 | 0
0
4
1
2 | 0
0
4
1
3 | 0
0
4
1
4 | 0
0
4
1
5 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
1
9 | 0
0
4
2
0 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | 0
0
4
2
6 | 0
0
4
2
7 | | |
| 500 MG/L | | ANIMAL ID | | | |
| | | | | | |
| Mixed Cell Focus
Necrosis, Focal
Hepatocyte, Fatty Change
Hepatocyte, Vacuolization Cytoplasmic | | X

3

3 2 4

4 2 3 3

2 2

3 3 | | | |
| Mesentery
Inflammation, Suppurative
Proliferation Connective Tissue
Fat, Necrosis | | +

+ + +

4 3

3 | | |
| Pancreas
Acinus, Cytoplasmic Alteration | | +

3 | | | |
| Salivary Glands
Hyperplasia, Lymphoid | | + + + M + + + + + + + + + + + + + + + M + + + + +

2 3 2 2 2 | | | |
| Stomach, Forestomach
Inflammation, Chronic
Ulcer
Epithelium, Hyperplasia, Squamous | | +

2

1 | | | |
| Stomach, Glandular
Erosion | | + | | | |

CARDIOVASCULAR SYSTEM

Blood Vessel

* .. 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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Lab: SRI

| | | |
|--------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
500 MG/L | DAY ON TEST | 7
3
6 | 7
3
6 | 7
3
6 | 7
0
2 | 6
9
2 | 7
3
7 | 6
7
0 | 7
3
7 | 7
3
6 | 7
3
6 | 6
5
7 | 7
2
5 | 6
7
3 | 6
2
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 5
9
5 | 7
0
2 | 7
3
7 | 5
6
8 | 7
1
5 | 7
3
6 |
| | ANIMAL ID | 0
0
3
9
7 | 0
0
3
9
8 | 0
0
3
9
9 | 0
0
4
0
0 | 0
0
4
0
2 | 0
0
4
0
3 | 0
0
4
0
4 | 0
0
4
0
5 | 0
0
4
0
7 | 0
0
4
0
8 | 0
0
4
0
9 | 0
0
4
1
2 | 0
0
4
1
3 | 0
0
4
1
4 | 0
0
4
1
5 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
2
9 | 0
0
4
2
0 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | 0
0
4
2
6 |
| | | |
| | | | females
(cont...) |
| Heart | | + |
| Cardiomyopathy | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | |
| Mineralization | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| Thrombosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 | | |

ENDOCRINE SYSTEM

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

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
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Page 100

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Lab: SRI

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

Tissue NOS +

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

| |
|------------------------------------|
| Bone Marrow | + |
| Hyperplasia | 2 | 4 | | 3 | 4 | 2 | 4 | | | | | 2 | | | 2 | | | | | 2 | | | | 4 | 4 | |
| Lymph Node | + | | + | |
| Mediastinal, Hyperplasia, Lymphoid | |
| Lymph Node, Mandibular | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| Atrophy | | | | | 3 | 2 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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Page 101

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Lab: SRI

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

500 MG/L | | ANIMAL ID | | females
(cont...) | | | |
| | | 0
0
3
9
7 | 0
0
3
9
8 | 0
0
3
9
9 | 0
0
4
0
0 | 0
0
4
0
2 | 0
0
4
0
3 | 0
0
4
0
4 | 0
0
4
0
5 | 0
0
4
0
7 | 0
0
4
0
8 | 0
0
4
1
2 | 0
0
4
1
3 | 0
0
4
1
4 | 0
0
4
1
5 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
1
9 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | 0
0
4
2
6 | 0
0
4
2
7 | | | | | |
| | | | | | | | |
| | | | | | | | |
| Hyperplasia, Lymphoid
Pigmentation | | 3 | | | | 3 | | | | 3 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | |
| Lymph Node, Mesenteric
Atrophy
Hyperplasia, Lymphoid | | + | + | + | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| | | 34 | | | | | |
| | | | | | | | |
| Spleen
Angiectasis
Hematopoietic Cell Proliferation
Pigmentation
Lymphoid Follicle, Atrophy
Lymphoid Follicle, Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | 1 | 3 | 2 | 4 | 4 | 3 | | 2 | 3 | 2 | 2 | 4 | 2 | | 2 | 2 | 3 | | 2 | 2 | 3 | 1 | 3 | 4 | | | | |
| | | 33 | | | | | |
| | | 2 | | | | | |
| | | | | | | | |
| Thymus
Atrophy
Cyst
Hyperplasia, Lymphoid | | + | + | + | M | + | + | | | |
| | | 333 | | | | | |
| | | 3 | | | | | |
| | | 3 | | | | | |
| | | | | | | | |
| | | 2 | | | | | |
| | | 3 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Mammary Gland
Hyperplasia | | + | + | + | | | |
| | | 223 | | | | | |
| | | | | | | | |
| Skin
Cyst Epithelial Inclusion
Edema | | + | + | + | | | |
| | | 3 | | | | | |
| | | | | | | | |

INTEGUMENTARY SYSTEM

| | |
|--|--|
| Mammary Gland
Hyperplasia |
| | |
| Skin
Cyst Epithelial Inclusion
Edema | |
| | |

* .. 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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2) Mild 4) Marked

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Lab: SRI

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| |
|------------------|
| Brain | + |
| Compression | | | | | | | | 4 | | | | | | | 4 | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | + | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | + | | | | | | | | | | |

RESPIRATORY SYSTEM

| |
|-----------------------------------|
| Lung | + |
| Hemorrhage | | | | | | | | 1 | | | | | | | 3 | | | | | | | 4 | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Nose | + |

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| | | | |
|---------------------------------------|-------------|-------------|----------------------|
| B6C3F1 MICE FEMALE
500 MG/L | DAY ON TEST | 7
3
6 | 7
3
6 | 7
3
6 | 7
0
2 | 6
9
2 | 7
3
7 | 6
7
0 | 7
3
7 | 7
3
6 | 7
3
6 | 6
5
7 | 7
2
5 | 6
7
3 | 6
2
4 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
4 | 5
9
5 | 7
0
2 | 7
3
7 | 5
6
8 | 7
1
5 | 7
3
6 | females
(cont...) |
| | ANIMAL ID | 0
0
3
9
7 | 0
0
3
9
8 | 0
0
3
9
9 | 0
0
4
0
0 | 0
0
4
0
2 | 0
0
4
0
3 | 0
0
4
0
4 | 0
0
4
0
5 | 0
0
4
0
7 | 0
0
4
1
2 | 0
0
4
1
3 | 0
0
4
1
4 | 0
0
4
1
5 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
1
9 | 0
0
4
2
0 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | 0
0
4
2
6 | 0
0
4
2
7 | | |
| | | | |
| | | | |
| | | | |
| Trachea | | + | + |
| SPECIAL SENSES SYSTEM | | | |
| Eye | | | |
| | | + | + |
| Harderian Gland
Hyperplasia, Focal | | + | + |
| | | | | | | | | | | | | | | | | | | 2 | | | 1 | | | | | |
| URINARY SYSTEM | | | |
| Kidney | | | |
| | | + | + |
| Hydronephrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Infarct | | | |
| Inflammation, Suppurative |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| Inflammation, Chronic | | 2 | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Metaplasia, Osseous | | | 2 | | |
| Nephropathy | | | 3 | | | | | | | | 1 | | | | | | | | | | | | 1 | | 3 | |
| Renal Tubule, Necrosis | | | |
| Renal Tubule, Pigmentation | | | |
| Urinary Bladder | | | |
| | | + | + |
| Edema | | | |
| Inflammation, Chronic | | | | | | | | | | | | 2 | | | | | | | 2 | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | |

* .. 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|--------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
500 MG/L | DAY ON TEST | 7
3
6 | 6
5
8 | 7
1
6 | 7
3
6 | 6
3
5 | 7
3
6 | 7
3
6 | 7
3
7 | 7
3
7 | 7
3
7 | 6
3
6 | 7
3
4 | 7
3
4 | 7
3
4 | 6
5
3 | 7
2
4 | 7
3
7 | 7
3
7 | 7
3
7 | 7
3
4 | 7
3
4 | 4
8
9 | 7
3
4 |
| | ANIMAL ID | 0
0
4
2
8 | 0
0
4
2
9 | 0
0
4
3
0 | 0
0
4
3
2 | 0
0
4
3
3 | 0
0
4
3
3 | 0
0
4
3
3 | 0
0
4
3
3 | 0
0
4
3
3 | 0
0
4
3
3 | 0
0
4
4
0 | 0
0
4
4
2 | 0
0
4
4
3 | 0
0
4
4
4 | 0
0
4
4
7 | 0
0
4
4
8 | 0
0
4
4
9 | 0
0
4
4
2 | 0
0
4
4
3 | 0
0
4
4
4 | 0
0
4
4
5 | 0
0
4
4
8 | 0
0
4
4
9 |
| | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |

ALIMENTARY SYSTEM

| | |
|-----------------------------------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | A | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 41 |
| Intestine Large, Cecum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Duodenum | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Epithelium, Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | 4 | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Basophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 6 |
| Clear Cell Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Eosinophilic Focus | X | | X | X | | X | X | | | X | | X | X | X | | X | | X | X | X | X | X | X | 31 |
| Hematopoietic Cell Proliferation | | 2 | | | | 3 | | | | | | | | | | | | | | | | | | 2 2.5 |
| Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | 2 | | | | | | | | | 5 2.4 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 105

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | DAY ON TEST | | | | | | |
|--|-----------|---|-------------|---|----------|-----|-------------------|-------------------|
| | | 7
3
6 | 6
5
8 | 7
1
6 | 7
3
6 | 6
3
5 | 7
3
6 | 7
3
6 | 7
3
7 | 7
3
7 | 7
3
7 | 6
3
6 | 7
3
4 | 7
3
4 | 7
3
4 | 7
3
5 | 6
5
3 | 7
2
4 | 7
3
7 | 7
3
7 | 7
3
7 | 7
3
4 | 7
3
4 | 4
8
9 | 7
3
4 | | | | | |
| | | | | | | | | |
| B6C3F1 MICE FEMALE
500 MG/L | ANIMAL ID | 0 | 0 | 0 | | | | |
| | | 0 | 0 | 0 | | | | |
| | | 4 | 4 | 4 | | | | |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | | | |
| | | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 7 | 8 | 9 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | * TOTALS | | | |
| Mixed Cell Focus
Necrosis, Focal
Hepatocyte, Fatty Change
Hepatocyte, Vacuolization Cytoplasmic | | X | | | X | | 6
2
1
27 | 3.5
2.0
2.8 |
| | | | | | | | | |
| Mesentery
Inflammation, Suppurative
Proliferation Connective Tissue
Fat, Necrosis | | + | | | 15 | 4.0 | | |
| | | 4 | | | 9 | 3.7 | | |
| | | | | | | | | |
| Pancreas
Acinus, Cytoplasmic Alteration | | + + + + M + | | | 49 | 3.0 | | |
| | | 3 | | | 2 | | 3.0 | |
| | | | | | | | | |
| Salivary Glands
Hyperplasia, Lymphoid | | + | | | 48 | 2.2 | | |
| | | 2 3 2 2 2 2 | | | 12 | | 2.2 | |
| | | | | | | | | |
| Stomach, Forestomach
Inflammation, Chronic
Ulcer
Epithelium, Hyperplasia, Squamous | | + | | | 50 | 2.0 | | |
| | | | | | 1 | | 2.0 | |
| | | | | | 1 | | 2.0 | |
| | | | | | 1 | | 1.0 | |
| | | | | | | | | |
| Stomach, Glandular
Erosion | | + | | | 50 | 3.0 | | |
| | | 3 | | | 1 | | 3.0 | |

CARDIOVASCULAR SYSTEM

| | | | |
|--------------|---|---|---|
| Blood Vessel | + | + | 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|--------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
500 MG/L | DAY ON TEST | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 |
| | | 3 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 3 |
| | | 6 | 8 | 6 | 6 | 5 | 6 | 6 | 7 | 7 | 6 | 4 | 4 | 4 | 5 | 3 | 4 | 7 | 7 | 7 | 7 | 4 | 4 | 9 | 4 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 4 | 4 |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| | | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 7 | 8 | 9 | 2 | 3 | 4 | 5 | 7 | 8 | 9 |
| | | * TOTALS | |

| | | |
|-----------------------|----|-----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.0 |
| Inflammation, Chronic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Mineralization | | | | | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.5 |
| Thrombosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4.0 |

ENDOCRINE SYSTEM

| | | |
|-----------------------------------|----|-----|
| Adrenal Cortex | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Accessory Adrenal Cortical Nodule | | | | | | 3 | | | | 3 | 3 | | | 3 | | | 3 | | | | | | | | | 6 | 3.0 |
| Hyperplasia, Diffuse |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Adrenal Medulla | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Islets, Pancreatic | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Parathyroid Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 44 | |
| Pituitary Gland | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | 3 | | | | | | | | | 3 | | 2 | 3.0 |
| Pars Distalis, Hyperplasia, Focal | 2 | | | | | | | | | | | | | | | | | | 3 | | | | | | | 4 | 2.8 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Follicle, Cyst | | 3 | | | | | | | | | | | | | | | | | 3 | | | | | | | 4 | 3.0 |
| Follicle, Degeneration, Focal | | | | | | | 4 | 1 | 1 | | | | 3 | | 2 | | | 1 | 1 | 2 | 2 | 2 | | 1 | | 20 | 2.0 |
| Follicular Cell, Hyperplasia | | | | | | 3 | 2 | | | | | | | | | | | 1 | 1 | 1 | | | | | | 11 | 1.9 |

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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2) Mild 4) Marked

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|---|-------------|------------|
| B6C3F1 MICE FEMALE
500 MG/L | DAY ON TEST | 7
3
6 | 6
5
8 | 7
1
6 | 7
3
6 | 6
3
5 | 7
3
6 | 7
3
6 | 7
3
7 | 7
3
7 | 7
3
7 | 6
3
6 | 7
3
4 | 7
3
4 | 7
3
4 | 6
5
3 | 7
2
4 | 7
3
7 | 7
3
7 | 7
3
7 | 7
3
4 | 7
3
4 | 4
8
9 | 7
3
4 | * TOTALS |
| | ANIMAL ID | 0
0
4
2
8 | 0
0
4
2
9 | 0
0
4
3
0 | 0
0
4
3
2 | 0
0
4
3
3 | 0
0
4
3
3 | 0
0
4
3
3 | 0
0
4
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3 | 0
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4
3
3 | 0
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4
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4
4
2 | 0
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4
4
3 | 0
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4
4
4 | 0
0
4
4
8 | 0
0
4
4
9 | 0
0
4
4
2 | 0
0
4
4
3 | 0
0
4
4
4 | 0
0
4
4
5 | 0
0
4
4
5 | 0
0
4
4
7 | 0
0
4
4
8 | |
| | | |
| | | |
| Hyperplasia, Lymphoid
Pigmentation | | | | | 2 | | 2 | | | 3 | | | | | | | | | | | 3 | | | | 4 2.5
3 3.0 |
| Lymph Node, Mesenteric
Atrophy
Hyperplasia, Lymphoid | | + | M | + | 47
2 3.5
1 2.0 |
| Spleen
Angiectasis
Hematopoietic Cell Proliferation
Pigmentation
Lymphoid Follicle, Atrophy
Lymphoid Follicle, Hyperplasia | | + | 50
1 3.0
39 2.6
3 3.0
3 2.7
8 2.6 |
| Thymus
Atrophy
Cyst
Hyperplasia, Lymphoid | | + | 49
11 3.1
2 3.0
2 2.5 |
| INTEGUMENTARY SYSTEM | | |
| Mammary Gland
Hyperplasia | | + | 50
8 2.5 |
| Skin
Cyst Epithelial Inclusion
Edema | | + | 50
1
1 3.0 |

* .. 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 109

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|--------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
500 MG/L | DAY ON TEST | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 |
| | | 3 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 3 |
| | | 6 | 8 | 6 | 6 | 5 | 6 | 6 | 7 | 7 | 7 | 6 | 4 | 4 | 4 | 5 | 3 | 4 | 7 | 7 | 7 | 7 | 4 | 4 | 9 | 4 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 4 | 4 |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| | | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 7 | 8 | 9 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 |
| | | * TOTALS | |

MUSCULOSKELETAL SYSTEM

| | |
|-----------------|-------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | | | | | | | 3 | | | | | | | | | | | | | | 2 | | | | | 4 2.5 |
| Skeletal Muscle | | | | | | + | | | | | | | | | | | | | | | | | | | | 4 |

NERVOUS SYSTEM

| | |
|------------------|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 4.0 |
| Peripheral Nerve |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 2.0 |
| Spinal Cord |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

RESPIRATORY SYSTEM

| | |
|-----------------------------------|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemorrhage | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | | 5 2.0 |
| Infiltration Cellular, Histiocyte | | | | | 2 | | | | | | | | | | | 2 | | | | | 3 | | | | | 4 2.8 |
| Alveolar Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| B6C3F1 MICE FEMALE
500 MG/L | | DAY ON TEST | | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | | | |
|--------------------------------|--|-------------|----------|---|---|
| | | | | 3 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 6 | 8 | 6 | 6 | 5 | 6 | 6 | 7 | 7 | 7 | 6 | 4 | 4 | 4 | 5 | 3 | 4 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 9 | 4 | | |
| B6C3F1 MICE FEMALE
500 MG/L | | ANIMAL ID | | | |
| | | | | 0 | 0 | |
| | | | | 0 | 0 | 0 |
| | | | | 4 | 4 | 4 |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | | | |
| | | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | 2 | 3 | 4 | 7 | 8 | 9 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 0 | * TOTALS | | |

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

SPECIAL SENSES SYSTEM

| | |
|--------------------|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia, Focal | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 4 1.3 |

URINARY SYSTEM

| | | |
|--------------------------------------|----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hydronephrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Infarct | | | | | | | | X | | | | | | | | | | | | | | | | | X | 2 | |
| Inflammation, Suppurative |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 3 | 2.0 |
| Metaplasia, Osseous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 2.0 |
| Nephropathy | 1 | | 4 | | | | | | | | | | 1 | | | | | | 1 | | | | 2 | | | 8 | 2.0 |
| Renal Tubule, Necrosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Renal Tubule, Pigmentation | | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Edema |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | 3 | | | | | | | | | | | 3 | 2.3 |
| Transitional Epithelium, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |

* .. 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

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TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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Lab: SRI

| | | |
|---------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 5 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 |
| | | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 0 | 6 | 1 | 7 | 6 | 6 | 6 | 6 | 5 | 6 | 5 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 4 | 4 |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| | | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 |
| | | females (cont...) | |

ALIMENTARY SYSTEM

| | |
|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + |
| Gallbladder | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | + | + | + | + | A | + | + | + |
| Intestine Large, Cecum
Edema | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid
Peyer's Patch, Inflammation, Suppurative | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | M | A | + | + | + | A | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | + | + |
| Autolysis | |
| Basophilic Focus | | | | X | | X | | X | | | | | | | X | | | | | | | | | | |
| Eosinophilic Focus | | | X | X | | | X | X | X | | X | X | | X | | X | | | X | | X | X | | X | X |
| Hematopoietic Cell Proliferation | | | | | | | 1 | | | | | | | | | | | | 3 | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 112

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|--|-------------|-----------------------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 3
5
9 | 7
3
6 | 7
3
6 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
5 | 7
3
7 | 7
3
7 | 7
3
7 | 7
0
0 | 7
3
6 | 5
5
1 | 7
2
7 | 7
3
6 | 7
3
6 | 7
3
6 | 7
2
5 | 7
3
6 | 7
3
5 | 7
3
5 | |
| | ANIMAL ID | 0
0
4
6
3 | 0
0
4
6
4 | 0
0
4
6
5 | 0
0
4
6
8 | 0
0
4
6
9 | 0
0
4
7
0 | 0
0
4
7
1 | 0
0
4
7
3 | 0
0
4
7
4 | 0
0
4
7
5 | 0
0
4
7
6 | 0
0
4
7
7 | 0
0
4
7
8 | 0
0
4
7
9 | 0
0
4
8
0 | 0
0
4
8
1 | 0
0
4
8
3 | 0
0
4
8
4 | 0
0
4
8
5 | 0
0
4
8
6 | 0
0
4
8
8 | 0
0
4
8
9 | 0
0
4
9
0 | 0
0
4
9
1 | 0
0
4
9
3 | 0
0
4
9
4 |
| | | |
| | | |
| | | |
| Mixed Cell Focus
Necrosis, Focal
Tension Lipidosis
Bile Duct, Cyst Multilocular
Centrilobular, Necrosis
Hepatocyte, Vacuolization Cytoplasmic | | | | | X | | | | | | | | | | | | | | 1 | | | | 2 | | | | |
| | | | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | | | | 3 | 3 | | 3 | 3 | 4 | |
| Mesentery
Fat, Necrosis | | | | | + | | | + | | | | | + | | + | | | | | + | + | | | | | | |
| | | | | | 2 | | | | | | | | 4 | | 2 | | | | | | 3 | | | | | | |
| Pancreas
Acinus, Cytoplasmic Alteration | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Salivary Glands
Atrophy
Hyperplasia, Lymphoid | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| | | | 2 | |
| Stomach, Forestomach
Diverticulum
Epithelium, Hyperplasia, Squamous | | + | |
| | | | | | | | | | | | | | | | | | X | | | | | | | 2 | | | |
| Stomach, Glandular
Erosion
Ulcer | | + | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | |

CARDIOVASCULAR SYSTEM

| |
|------------|
| Heart | + |
| Thrombosis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |

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

2) Mild 4) Marked

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | |
|---------------------------------|-------------------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 5 | 2 | 3 | 3 | 3 | 2 | 3 | | |
| | | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 0 | 6 | 1 | 7 | 6 | 6 | 6 | 5 | 6 | |
| | |
| | ANIMAL ID | 0 | |
| | | 0 | |
| | | 4 | |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | |
| | | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 |
| | females (cont...) | |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| |
|----------------------------------|
| Clitoral Gland | + | + | + | I | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Angiectasis | | 2 | | | | | | | | | | | | | 3 | | | 4 | | | 4 | | | | |
| Cyst | | 3 | | | | | | | | 3 | | | | | | | | 3 | 3 | | | | | | |
| Corpus Luteum, Hyperplasia | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Uterus | + |
| Angiectasis | | | | | | 4 | | | | | | | | | | | | | | | | | | | |
| Hemorrhage |
| Endometrium, Hyperplasia, Cystic | | 3 | 2 | 2 | 4 | 3 | 4 | 4 | 4 | 2 | 3 | 3 | 3 | 2 | 4 | 3 | | 3 | 3 | 3 | 2 | | 3 | 4 | 2 |

HEMATOPOIETIC SYSTEM

| | |
|---|---|
| Bone Marrow | + |
| Hyperplasia | 3 | 2 | 3 | | | | | | | | | 2 | | 2 | | | | 3 | 2 | | 2 | | | 3 | |
| Lymph Node | + | | + | | | | | | + | | | | | | | + | | | | | | | + | | |
| Iliac, Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | |
| Lymph Node, Mandibular | + | + | + | + | M | + | + | M | + | + | + | + | + | + | M | + | M | M | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 115

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|---------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 5 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 |
| | | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 0 | 6 | 1 | 7 | 6 | 6 | 6 | 5 | 6 | 5 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 4 | 4 |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| | | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 |
| | | females (cont...) | |

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

INTEGUMENTARY SYSTEM

| |
|---------------|
| Mammary Gland | + |
| Hyperplasia | 3 | | 1 | | | | | | | | | | | | | | | 3 | | | | | | |
| Skin | + |
| Edema | | | | | | | | | | | | | | | | | | 4 | | | | | | |

MUSCULOSKELETAL SYSTEM

| |
|----------|
| Bone | + |
| Fibrosis | | | | | | | | | | | | | 2 | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 116

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | |
|---------------------------------|-------------------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 5 | 2 | 3 | 3 | 3 | 2 | 3 | | |
| | | 9 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 0 | 6 | 1 | 7 | 6 | 6 | 6 | 5 | 6 | 5 | |
| | |
| | ANIMAL ID | 0 | |
| | | 0 | |
| | | 4 | |
| | | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | |
| | | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 |
| | females (cont...) | |

Skeletal Muscle

+

+

NERVOUS SYSTEM

Brain
Compression

+ +

Peripheral Nerve
Atrophy

Spinal Cord

RESPIRATORY SYSTEM

Lung
Foreign Body
Hemorrhage
Infiltration Cellular, Histiocyte
Alveolar Epithelium, Hyperplasia

+ + + + + + + X + + + + + + + X + + + + + + + +
1
2 4 3 1
3

Nose
Inflammation, Chronic

+ + + + + + + + + + + + + + + 2 + + + + + + + +

Trachea

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 117

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
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Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|---------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 7
3
5 | 7
3
5 | 7
3
5 | 6
1
8 | 7
3
6 | 6
7
3 | 7
2
3 | 5
0
0 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
3
6 | 7
3
6 | 6
8
0 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
2
9 | 7
2
9 | 7
2
9 |
| | | |
| | ANIMAL ID | 0
0
4
9
5 | 0
0
4
9
8 | 0
0
4
9
9 | 0
0
5
0
0 | 0
0
5
0
3 | 0
0
5
0
5 | 0
0
5
0
6 | 0
0
5
0
7 | 0
0
5
0
8 | 0
0
5
0
9 | 0
0
5
1
0 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
3 | 0
0
5
1
4 | 0
0
5
1
5 | 0
0
5
1
6 | 0
0
5
1
7 | 0
0
5
1
8 | 0
0
5
2
0 | 0
0
5
2
1 | 0
0
5
2
2 | 0
0
5
2
3 | 0
0
5
2
4 |
| | | |
| | * TOTALS | |

ALIMENTARY SYSTEM

| | | |
|---|-------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Gallbladder | + | + | + | + | M | M | + | A | + | + | + | + | + | + | A | + | I | + | + | + | + | + | + | + | 41 |
| Intestine Large, Cecum
Edema | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + | 47 |
| | 1 2.0 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 46 |
| | 1 3.0 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid
Peyer's Patch, Inflammation, Suppurative | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | A | + | + | + | + | + | + | + | 44 |
| | 1 3.0 | |
| | 3 | |
| | 1 3.0 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Autolysis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3.0 |
| Basophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Eosinophilic Focus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 24 |
| Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2.0 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Page 119

TDMS No. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 1 | 3 | 7 | 2 | 0 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| | | 5 | 5 | 5 | 8 | 6 | 3 | 3 | 0 | 9 | 9 | 9 | 9 | 6 | 6 | 0 | 6 | 1 | 6 | 6 | 6 | 6 | 6 | 9 | 9 | 9 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 4 | 4 | 4 | 5 |
| | | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 5 | 8 | 9 | 0 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | * TOTALS | |
| | | |
| | | |

ENDOCRINE SYSTEM

| | | | | | |
|-----------------------------------|----|----|-----|-----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Accessory Adrenal Cortical Nodule | 3 | | 3 | | | | | | | | 3 | | | 3 | | 3 | | 3 | | | | 3 | | | | 10 | 3.0 | | |
| Capsule, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 2.0 | | |
| Zona Reticularis, Vacuolization | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 2 | 3.0 | | |
| Cytoplasmic | | | | | |
| Adrenal Medulla | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | 1.0 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 47 | | | | |
| Cyst |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | 4 | 3.0 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 49 | | | | |
| Pars Distalis, Cyst | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 3 | 3.0 | | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | | 6 | 2.2 | |
| Pars Intermedia, Hyperplasia | | | 1 | 2.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| C-cell, Hyperplasia | 1 | | | 1 | 1.0 | |
| Follicle, Cyst | | | | | | | | | | | | 3 | 3 | | | | | | | 3 | | | | | | | 3 | 3.0 | |
| Follicle, Degeneration, Focal | | | | | | 3 | | | | 2 | 2 | | | | 1 | | | 2 | | 3 | | | | | 2 | | 13 | 2.0 | |
| Follicular Cell, Hyperplasia | | | | 1 | | | | | | | | | 3 | | | | | | | 1 | 1 | | | | 1 | 1 | | 9 | 1.2 |

* .. 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. 96019 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)
CAS Number: 5589-96-8
Pathologist: HEATH, J. - Unknown, U.

Date Report Reqsted: 08/21/2006
Time Report Reqsted: 10:19:09
First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | |
|---------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 7
3
5 | 7
3
5 | 7
3
5 | 6
1
8 | 7
3
6 | 6
7
3 | 7
2
3 | 5
0
0 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
3
6 | 7
3
6 | 6
8
0 | 7
3
6 | 7
3
1 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
3
6 | 7
2
9 | 7
2
9 |
| | ANIMAL ID | 0
0
4
9
5 | 0
0
4
9
8 | 0
0
4
9
9 | 0
0
5
0
0 | 0
0
5
0
3 | 0
0
5
0
5 | 0
0
5
0
6 | 0
0
5
0
7 | 0
0
5
0
8 | 0
0
5
0
9 | 0
0
5
1
0 | 0
0
5
1
1 | 0
0
5
1
3 | 0
0
5
1
4 | 0
0
5
1
5 | 0
0
5
1
6 | 0
0
5
1
7 | 0
0
5
1
8 | 0
0
5
1
9 | 0
0
5
2
0 | 0
0
5
2
1 | 0
0
5
2
2 | 0
0
5
2
3 | 0
0
5
2
4 |
| | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | |
|----------------------------------|--------|
| Clitoral Gland | + | + | + | + | + | + | + | + | M | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 48 |
| Angiectasis | | | | | 2 | | | | | 2 | | | | | | | | | | | | | | | | 6 2.8 |
| Cyst | 3 | 3 | 3 | | | | 3 | | | | | | | | | | | | | | 3 | 3 | | | | 10 3.0 |
| Corpus Luteum, Hyperplasia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 | | | 3 | | 3 3.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 3.5 |
| Hemorrhage | | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 |
| Endometrium, Hyperplasia, Cystic | 3 | 4 | 4 | 4 | 4 | | 2 | 3 | 4 | | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 2 | 1 | 3 | | 2 | 4 | 3 | 44 3.1 |

HEMATOPOIETIC SYSTEM

| | |
|---|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | 4 | | | | | | | | | | | 2 | | | | 2 | 2 | | 2 | | | | 14 2.4 |
| Lymph Node |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |
| Iliac, Hematopoietic Cell Proliferation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 1.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | 42 |
| Hyperplasia, Lymphoid | | | | | | | | | 2 | | 2 | | | | | | | 2 | 3 | | 3 | | | | | 7 2.3 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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| | | |
|---------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
1000 MG/L | DAY ON TEST | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 1 | 3 | 7 | 2 | 0 | 2 | 2 | 2 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| | | 5 | 5 | 5 | 8 | 6 | 3 | 3 | 0 | 9 | 9 | 9 | 9 | 6 | 6 | 0 | 6 | 1 | 6 | 6 | 6 | 6 | 9 | 9 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 4 | 4 | 4 | 5 |
| | | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | 5 | 8 | 9 | 0 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | | * TOTALS | |

Skeletal Muscle 2

NERVOUS SYSTEM

| | |
|------------------|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression | | | | | | | | | | | | 3 | | | | | | | | | | | | | 1 3.0 |
| Peripheral Nerve | | | | | | | | + | | | | | | | | | | | | | | | | | 1 |
| Atrophy | | | | | | | | 2 | | | | | | | | | | | | | | | | | 1 2.0 |
| Spinal Cord | | | | | | | | + | | | | | | | | | | | | | | | | | 1 |

RESPIRATORY SYSTEM

| | |
|-----------------------------------|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Hemorrhage | | | | | | | | | | 1 | | 2 | | | | | | 2 | 1 | | | | | | 6 1.3 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | 1 | | | 3 | 1 | | | | | | | | | 6 2.3 |
| Alveolar Epithelium, Hyperplasia | 1 3.0 |
| Nose | + | 50 |
| Inflammation, Chronic | 1 2.0 |
| Trachea | + | 49 |

TDMS No. 96019 - 06
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First Dose M/F: 10/10/01 / 10/10/01
Lab: SRI

| | | | | |
|---------------------------------|--|-------------|--|----------|
| | | DAY ON TEST | | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| | | | | 3 | 3 | 3 | 1 | 3 | 7 | 2 | 0 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | |
| | | | | 5 | 5 | 5 | 8 | 6 | 3 | 3 | 0 | 9 | 9 | 9 | 9 | 6 | 6 | 0 | 6 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 9 | 9 |
| B6C3F1 MICE FEMALE
1000 MG/L | | ANIMAL ID | | |
| | | | | 0 | |
| | | | | 0 |
| | | | | 4 | 4 | 4 | 5 |
| | | | | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | 5 | 8 | 9 | 0 | 3 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | * TOTALS |

SPECIAL SENSES SYSTEM

| | | |
|--------------------|----|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | 48 | |
| Atrophy |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 4.0 |
| Cataract |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | M | + | 47 | |
| Hyperplasia, Focal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |

URINARY SYSTEM

| | | | |
|---|----|---|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Casts Granular | | | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2.0 |
| Infarct | | | | | | | | | | | X | | | | | | | | | | | | | | | | 3 | |
| Inflammation, Chronic | | | | | | | 2 | | | | | | | | | | | 2 | | | | | | | | | 3 | 2.0 |
| Metaplasia, Osseous | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Nephropathy | | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | | | 6 | 1.0 |
| Renal Tubule, Accumulation, Hyaline Droplet |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4.0 |
| Renal Tubule, Pigmentation | | | | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Chronic | | | | | | 2 | | | | | | | | | | | | 2 | | 2 | | | | | | | 6 | 2.2 |

*** END OF REPORT ***