

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

F1_M3

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

C Number: C20011

Lock Date: 06/15/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 2.0.0

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

males (cont...)

ALIMENTARY SYSTEM

Esophagus	+ +																								
Gallbladder	+ + + + M + + + + + + + + M + + + + + + + + + + + + +																								
Degeneration, Hyaline Hyperplasia	1 4 2																								
Intestine Large, Cecum	+ + + + A +																								
Intestine Large, Colon	+ + + + A +																								
Intestine Large, Rectum	+ + + + A +																								
Artery, Inflammation, Chronic Active	4																								
Intestine Small, Duodenum	+ + + + A +																								
Intestine Small, Ileum	+ + + + A +																								
Intestine Small, Jejunum	+ + + + A +																								
Liver	+ +																								
Basophilic Focus																									
Clear Cell Focus	X X																								
Eosinophilic Focus	X X																								
Fatty Change, Focal																									
Mixed Cell Focus	X																								

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 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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DAY ON TEST	0 0																									males (cont...)
	7 7																									
2 3 3 3 1 2 2 3 3 3 2 2 3 2 3 3 2 0 3 2 2 3 2 8 3																										
9 0 0 0 8 9 9 1 1 0 9 9 0 9 1 1 9 1 1 9 9 0 9 6 0																										
B6C3F1 MICE MALE CONTROL	0 0																									
	0 0																									
	0 0																									
	0 0																									
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 2 2 2																									

Necrosis	2										3																
Tension Lipidosis											2 2																
Mesentery	+										+										+						
Artery, Mineralization																											
Fat, Necrosis	2										2 2										2 2						
Pancreas	+ +																										
Atrophy																											
Basophilic Focus	X																										
Cyst																											
Inflammation, Chronic Active																											
Salivary Glands	+ +																										
Atrophy																										1	
Stomach, Forestomach	+ +																										
Hyperplasia, Squamous	3										2										2						
Inflammation											2										2						
Ulcer	3																										
Artery, Inflammation, Chronic Active																					3						
Stomach, Glandular	+ +																										
Mineralization																											
Artery, Inflammation, Chronic Active																					3						
Tooth											+ + +																
Dysplasia	X										X X																
Malformation																											

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Page 3

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

males (cont...)

CARDIOVASCULAR SYSTEM

Blood Vessel	+																								
Inflammation, Chronic Active	3																								
Aorta, Mineralization																									
Heart	+ +																								
Cardiomyopathy	1 1 1 1																								
Inflammation, Acute																									
Mineralization																									
Thrombosis																									
Artery, Inflammation, Chronic Active	3																								

ENDOCRINE SYSTEM

Adrenal Cortex	+ +																								
Hyperplasia	2 2																								
Hypertrophy	2 2																								
Adrenal Medulla	+ +																								
Hyperplasia																									
Islets, Pancreatic	+ +																								
Hyperplasia	2																								
Parathyroid Gland	M M M + + M + M M M + M M M M M M M + M M + M + M M																								

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Page 4

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

males (cont...)

Pituitary Gland Pars Distalis, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland Follicular Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Coagulating Gland Inflammation, Suppurative																									
Epididymis Granuloma Sperm	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate Inflammation, Suppurative Artery, Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle Amyloid Deposition Inflammation, Suppurative	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

Testes +
 Atrophy 2

HEMATOPOIETIC SYSTEM

Bone Marrow +

Lymph Node +

Lymph Node, Bronchial M M M + + + + + M M M + M M M + + M + + + + + M

Lymph Node, Mandibular + + M + M I + + M + M + + M M M + M + + M M + M M

Lymph Node, Mediastinal + + M + M M + + + M + + + + + M M + + + + M + M

Lymph Node, Mesenteric Angiectasis +
 3

Spleen +

Atrophy 3 3

Congestion 2 1

Hematopoietic Cell Proliferation 2 1 3 2 1 2 3 2 2

Hyperplasia, Lymphoid 1 1 1 1

Infarct

Necrosis

Necrosis, Lymphoid 2

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	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 4 7 7 7 7 7 5 7																									
ANIMAL ID	2 3 3 3 1 2 2 3 3 3 2 2 3 2 3 3 2 0 3 2 2 3 2 8 3																									
	9 0 0 0 8 9 9 1 1 0 9 9 0 9 1 1 9 1 1 9 9 0 9 6 0																									
B6C3F1 MICE MALE	0 0																									
	0 0																									
	0 0																									
	0 0																									
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																									
CONTROL																										males (cont...)

Thymus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	M	+	M	M
Atrophy		2			4					4	2		1					4		2	3				
Cyst												1	1					1							
Necrosis, Lymphoid																									
Medulla, Hyperplasia, Lymphoid		3	2	1				2	1			2	1			1	1		2	2	1		1		

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active										3			4												
Ulcer																									

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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RESPIRATORY SYSTEM

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

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Congestion, Chronic																									
Hemorrhage																									
Mineralization																									
Thrombosis																									
Alveolar Epithelium, Hyperplasia											2														
Bronchiole, Regeneration													1												
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Suppurative											3	2													
Olfactory Epithelium, Atrophy											2	2													
Respiratory Epithelium, Hyperplasia			1							2		1	1				1					2		1	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cataract																						2			
Degeneration																									
Cornea, Inflammation, Chronic Active																									
Retina, Atrophy					3													3							
Harderian Gland	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia												2													

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

ALIMENTARY SYSTEM

Esophagus	+ +																								50
Gallbladder	+ + A + A + + A + + + + + + A + + + + A M + + M + M																								40
Degeneration, Hyaline Hyperplasia																									2 3.0 1 1.0
Intestine Large, Cecum	+ + A + A + + A + + + + + + A + + + + A + + + + + +																								44
Intestine Large, Colon	+ + A + A + + A + + + + + + + + + + A + + + + + +																								45
Intestine Large, Rectum	+ + A + A + + A + + + + + + + + + + A + + + + + +																								45
Artery, Inflammation, Chronic Active																									1 4.0
Intestine Small, Duodenum	+ + A + A + + A + + + + + + A + + + + A + + + + + +																								44
Intestine Small, Ileum	+ + A + A + + A + + + + + + A + + + + A + + + + + +																								44
Intestine Small, Jejunum	+ + A + A + + A + + + + + + A + + + + A + + + + + +																								44
Liver	+ +																								50
Basophilic Focus																									1
Clear Cell Focus	X																								9
Eosinophilic Focus	X X																								20
Fatty Change, Focal	X X X																								1
Mixed Cell Focus	X																								2

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	DAY ON TEST																								* TOTALS
	0730	0775	0815	0855	0900	0915	0930	0945	0960	0975	1000	1015	1030	1045	1060	1075	1100	1115	1130	1145	1160	1175	1200	1215	
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Necrosis					3								3							3					5 2.8
Tension Lipidosis						1															1				4 1.5
Mesentery																									
Artery, Mineralization																									
Fat, Necrosis																									
Pancreas																									
Atrophy																									
Basophilic Focus																									
Cyst																									
Inflammation, Chronic Active																									
Salivary Glands																									
Atrophy																									
Stomach, Forestomach																									
Hyperplasia, Squamous																									
Inflammation																									
Ulcer																									
Artery, Inflammation, Chronic Active																									
Stomach, Glandular																									
Mineralization																									
Artery, Inflammation, Chronic Active																									
Tooth																									
Dysplasia																									
Malformation																									

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

Thymus	M	M	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	M	+	+	+	+	M	+	38
Atrophy												4	4	4					4				1		13 3.0
Cyst																			2		2				5 1.4
Necrosis, Lymphoid												2													1 2.0
Medulla, Hyperplasia, Lymphoid						1	1								2										16 1.5

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic Active			4									2											4		5 3.4
Ulcer												3													1 3.0

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
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NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
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RESPIRATORY SYSTEM

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

males (cont...)

Tension Lipidosis																										2
Mesentery																										
Fat, Necrosis																										2
Pancreas																										
Salivary Glands																										
Stomach, Forestomach																										
Hyperplasia, Squamous																										2
Inflammation																										2
Ulcer																										2 3
Stomach, Glandular																										
Tooth																										
Dysplasia																										X X X X

CARDIOVASCULAR SYSTEM

Blood Vessel																										
Thrombosis																										4
Heart																										
Cardiomyopathy																										1 1 1
Thrombosis																										

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

males (cont...)

Artery, Inflammation, Chronic Active
Epicardium, Inflammation, Chronic 1

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia		2					2								2	2	2		2		2			2	2
Hypertrophy								2				2	2		2	2	3	2						2	
Subcapsular, Hyperplasia																									
Adrenal Medulla	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	M	M	M	+	+	+	+	+	+	M	+	M	M	M	M	M	+	M	+	M	M	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Hyperplasia																									
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

DAY ON TEST	0																								
	7	7	6	5	4	7	7	6	7	5	4	5	6	7	7	7	7	7	7	7	5	7	7	7	0
1	2	6	2	2	3	3	8	3	7	5	4	4	3	2	3	3	2	3	2	3	6	3	2	2	
9	9	1	0	5	0	0	4	1	7	1	0	9	0	9	0	0	9	1	9	0	8	0	9	9	
B6C3F1 MICE MALE 62.5 PPM ANIMAL ID	0																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

males (cont...)

Epididymis Granuloma Sperm	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes Atrophy	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	2																							

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	A	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																									
Lymph Node, Bronchial Infiltration Cellular, Mixed Cell	+	M	M	M	+	M	+	M	+	M	+	+	M	M	M	+	M	+	+	M	+	+	M	+	
Lymph Node, Mandibular	+	+	A	+	M	M	+	+	+	+	+	+	M	M	+	+	M	M	M	+	M	M	+	+	
Lymph Node, Mediastinal Infiltration Cellular, Mixed Cell	+	+	M	+	M	+	M	+	+	+	M	M	M	+	+	+	M	+	+	+	+	+	+	M	+

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

DAY ON TEST	0 0																								
	7 7 6 5 4 7 7 6 7 5 4 5 6 7 7 7 7 7 7 7 7 5 7 7 7																								
ANIMAL ID	1 2 6 2 2 3 3 8 3 7 5 4 4 3 2 3 3 2 3 2 3 6 3 2 2																								
	9 9 1 0 5 0 0 4 1 7 1 0 9 0 9 0 0 9 1 9 0 8 0 9 9																								
B6C3F1 MICE MALE 62.5 PPM	0 0																								
	0 0																								
	2 2																								
	0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 males (cont...)																								

Lymph Node, Mesenteric	+ + I M +																								
Spleen	+ +																								
Angiectasis																									
Atrophy	2 4 3 2 1 2																								
Congestion																									
Hematopoietic Cell Proliferation	3 4 3 2 3 1																								
Hyperplasia, Lymphoid	3 2 2 2																								
Thymus	M + M M + M M + + + + + M M + + + + M + + + + + +																								
Atrophy	4 3 1 1 2 1																								
Cyst	2																								
Medulla, Hyperplasia, Lymphoid	1 1 2																								

INTEGUMENTARY SYSTEM

Mammary Gland	M M																								
Skin	+ +																								
Inflammation, Chronic Active	4 1																								

MUSCULOSKELETAL SYSTEM

Bone	+ + + + + + + + + + + + M + + + + + + + + + + + + +																								
Hyperostosis	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 22

DAY ON TEST	0 0																								
	7 7 6 5 4 7 7 6 7 5 4 5 6 7 7 7 7 7 7 7 7 5 7 7 7																								
ANIMAL ID	1 2 6 2 2 3 3 8 3 7 5 4 4 3 2 3 3 2 3 2 3 6 3 2 2																								
	9 9 1 0 5 0 0 4 1 7 1 0 9 0 9 0 0 9 1 9 0 8 0 9 9																								
B6C3F1 MICE MALE 62.5 PPM	0 0																								
	0 0																								
	2 2																								
	0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 males (cont...)																								

Skeletal Muscle

+

+

NERVOUS SYSTEM

Brain

+ +

RESPIRATORY SYSTEM

Larynx

Vacuolization Cytoplasmic

+
1 1

Lung

Hemorrhage

Pigmentation

Alveolar Epithelium, Hyperplasia

Alveolus, Infiltration Cellular, Histiocyte

Bronchiole, Hyperplasia

Bronchiole, Regeneration

Bronchiole, Vacuolization Cytoplasmic

+
2
3
2 2 3
2 1
1
1 3 1 2 1

Nose

Foreign Body

Inflammation, Suppurative

Glands, Hyperplasia

Olfactory Epithelium, Atrophy

Olfactory Epithelium, Metaplasia,

Respiratory

Respiratory Epithelium, Hyperplasia

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 7 6 5 4 7 7 6 7 5 4 5 6 7 7 7 7 7 7 7 7 5 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 2 6 2 2 3 3 8 3 7 5 4 4 3 2 3 3 2 3 2 3 6 3 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 1 0 5 0 0 4 1 7 1 0 9 0 9 0 0 9 1 9 0 8 0 9 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 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 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

males (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|
| Respiratory Epithelium, Vacuolization
Cytoplasmic | | | | | | 3 | | | | | | 3 | 2 2 | | | | | | | 1 | 2 | | | | |
| Trachea
Vacuolization Cytoplasmic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | | 1 | | | 2 | 1 | | | | | | | | 1 | 1 | | | | | | 1 | | 2 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Cataract
Degeneration | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Harderian Gland
Hyperplasia | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney
Cyst
Infarct
Metaplasia, Osseous
Nephropathy
Renal Tubule, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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 24

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 7 7 7 7 7 7 6 6 7 7 7 7 7 6 6 7 4 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 3 2 3 2 2 3 3 8 2 2 2 3 3 6 5 0 2 2 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 1 9 1 9 9 0 1 4 9 9 9 0 0 0 5 9 4 9 0 0 0 6 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5 PPM | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Tension Lipidosis | 1 2 | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Mesentery | + | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| Fat, Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | 11 2.0 |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hyperplasia, Squamous | 2 3 2 | | | | | | | | | | | | | | | | | | | | | | | | 7 2.1 |
| Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Ulcer | 3 3 | | | | | | | | | | | | | | | | | | | | | | | | 4 2.8 |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Tooth | + + + | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Dysplasia | X X X | | | | | | | | | | | | | | | | | | | | | | | | 8 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Cardiomyopathy | 1 | | | | | | | | | | | | | | | | | | | | | | | | 10 1.0 |
| Thrombosis | 3 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| | 7 7 7 7 7 7 7 7 6 6 7 7 7 7 7 6 6 7 4 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 3 2 3 2 2 3 3 8 2 2 2 3 3 6 5 0 2 2 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 1 9 1 9 9 0 1 4 9 9 9 0 0 0 5 9 4 9 0 0 0 6 9 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 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 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | |
|--------------------------------------|---|----------|------------|
| Artery, Inflammation, Chronic Active | | 1 | 1.0 |
| Epicardium, Inflammation, Chronic | 2 | 1 | 2.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|-----------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | 2 | | 2 | | 2 | | | | 2 | | | 2 | | | | | | | 2 | | 2 | | 2 | 2 | | |
| Hypertrophy | | 2 | | 2 | 2 | | 2 | 2 | 2 | | | 2 | 2 | | 2 | | | | 2 | | | | 2 | | | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia | | | | | | | | | | 2 | | | | | | | | | | 2 | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Parathyroid Gland | + | + | + | + | I | + | M | + | M | M | M | + | + | M | M | + | + | M | M | + | + | + | M | + | + | 28 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 48 |
| Pars Distalis, Hyperplasia | | | | | | | 2 | | | | | | | | | | | | | | | | | 2 | 2 2.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 7 7 7 7 7 7 6 6 7 7 7 7 7 6 6 7 4 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 3 2 3 2 2 3 3 8 2 2 2 3 3 6 5 0 2 2 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 0 9 1 9 1 9 9 0 1 4 9 9 9 0 0 0 5 9 4 9 0 0 0 6 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5 PPM | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |

Lymph Node, Mesenteric

| | |
|---|-----------|
| + + + + + + + + + + + + + + + + + M + + + + I + | 46 |
|---|-----------|

| | | |
|----------------------------------|---|---------------|
| Spleen | + | 50 |
| Angiectasis | 2 | 1 2.0 |
| Atrophy | 3 | 8 2.8 |
| Congestion | 2 | 4 2.0 |
| Hematopoietic Cell Proliferation | 3 | 19 2.5 |
| Hyperplasia, Lymphoid | 2 3 2 4 1 | 2 1.5 |

| | | |
|--------------------------------|---|---------------|
| Thymus | + M + + + + + + + M + M + + + + + M + M M + + M + | 35 |
| Atrophy | 3 | 12 2.7 |
| Cyst | 4 | 1 2.0 |
| Medulla, Hyperplasia, Lymphoid | 2 2 1 1 3 1 | 9 1.6 |

INTEGUMENTARY SYSTEM

| | | |
|---------------|---|----------|
| Mammary Gland | M | 0 |
|---------------|---|----------|

| | | |
|------------------------------|---|--------------|
| Skin | + | 50 |
| Inflammation, Chronic Active | 4 4 | 5 3.4 |

MUSCULOSKELETAL SYSTEM

| | | |
|--------------|---|--------------|
| Bone | + | 49 |
| Hyperostosis | | 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 29

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|
| | 7 7 7 7 7 7 7 7 6 6 7 7 7 7 7 6 6 7 4 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 3 2 3 2 2 3 3 8 2 2 2 3 3 6 5 0 2 2 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 1 9 1 9 9 0 1 4 9 9 9 0 0 0 5 9 4 9 0 0 0 6 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 62.5 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 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 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

Skeletal Muscle

2

NERVOUS SYSTEM

Brain

+ 50

RESPIRATORY SYSTEM

Larynx

Vacuolization Cytoplasmic

+ 50
 1 3 1 5 1.4

Lung

Hemorrhage

Pigmentation

Alveolar Epithelium, Hyperplasia

Alveolus, Infiltration Cellular, Histiocyte

Bronchiole, Hyperplasia

Bronchiole, Regeneration

Bronchiole, Vacuolization Cytoplasmic

+ 50
 2 2 2.0
 1 3.0
 2 2.5
 3 2.3
 3 1.7
 1 44 1.0
 3 1 2 3 2 2 2 2 2 2 2 2 1 1 2 2 1 1 1 1 18 1.7

Nose

Foreign Body

Inflammation, Suppurative

Glands, Hyperplasia

Olfactory Epithelium, Atrophy

Olfactory Epithelium, Metaplasia,

Respiratory

Respiratory Epithelium, Hyperplasia

+ 50
 X 1
 3 3 2.3
 1 1.0
 3 4 2.3
 3 7 1.6
 1 29 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|--|
| | 7 7 7 7 7 7 7 7 6 6 7 7 7 7 7 6 6 7 4 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 3 2 3 2 2 3 3 8 2 2 2 3 3 6 5 0 2 2 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 1 9 1 9 9 0 1 4 9 9 9 0 0 0 5 9 4 9 0 0 0 6 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 62.5 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 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 | 2 | 2 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Respiratory Epithelium, Vacuolization
Cytoplasmic | 1 | | | | | | | 2 | | | | | | | 1 | 2 | 2 | | | | | | | | 1 | | 12 1.8 |
| Trachea
Vacuolization Cytoplasmic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | 2 | | | | | | | 1 | | | | | | | 2 | 1 | 3 | | | | 2 | | | 2 | | 15 1.5 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye
Cataract
Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Harderian Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| | | 3 | | 2 | | | | | | 2 | | | | 1 | | | | | | | | | | | | | 4 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--------------|
| Kidney
Cyst
Infarct
Metaplasia, Osseous
Nephropathy
Renal Tubule, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | 2 2.5 |
| | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 3 | 1 | 1 | 1 | 1 | 4 | 2 | 1 | | 2 | 3 | 1 | 1 | 1 | 1 | 3 | 4 | 1 | 46 1.6 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

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

males (cont...)

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + A | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + + M + + M M + + M + + + + M + + M M + M M M M + | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + + + + + + + + + + + + + + + + + + + A + + + + A | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 1 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + + + + + + + + + + + + + + + + + + + M + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

Peritoneum

GENITAL SYSTEM

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Epididymis
Granuloma Sperm | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland
Inflammation, Suppurative
Inflammation, Granulomatous | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate
Inflammation, Suppurative
Inflammation, Chronic Active | + A + + + + + 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle
Inflammation, Chronic Active | + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Testes
Atrophy | + | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + + + + + + + M + M + + M + + + + M + A M + + M M | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | M + + + + + + M + + M M M + + M M M M M + + + M 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

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

males (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lymph Node, Mediastinal | + + + M + + + M M + + M M + M + M M + A + + + M M | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + + + + + + + + + + + + + + + + + + + A + + + + A | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + + + + + + + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 2 3 4 2 1 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + M + + + + + + + + + + + + + + + M A + + M + M | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 4 2 4 4 2 1 3 1 2 4 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 2 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Medulla, Hyperplasia, Lymphoid | 2 1 1 2 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | M | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 4 | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 36

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

males (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Larynx | + A + + + + A | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | 1 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + A | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion, Chronic | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Regeneration | 2 1 2 2 1 2 1 2 2 1 2 1 2 2 1 1 2 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Vacuolization Cytoplasmic | 1 1 1 2 2 1 2 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | 4 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Atrophy | 3 3 3 1 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory | 3 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | 3 1 4 1 3 1 2 2 3 1 2 3 1 | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 37

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 6 7 5 6 7 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 7 6 6 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
125 PPM | 3 9 3 3 0 0 3 3 2 1 2 2 3 5 0 3 2 8 3 3 2 3 2 3 6 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 4 0 7 4 2 0 0 9 7 9 9 0 5 9 1 9 2 0 0 9 0 9 1 5 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| 125 PPM | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 2 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | |
| * TOTALS | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Gallbladder | M M M + + A + + M A + + + + + + + + M I + M + + + A A | | | | | | | | | | | | | | | | | | | | | | | | 34 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Cecum | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | A 45 |
| Intestine Large, Colon | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | A 46 |
| Intestine Large, Rectum | + + + + + A + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | A 43 |
| Intestine Small, Duodenum | + + + + + A + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | A 43 |
| Intestine Small, Ileum | + + + + + A + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | A 43 |
| Intestine Small, Jejunum | + + + + + A + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | A 43 |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Clear Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Inflammation, Chronic | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Necrosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | 3 3.7 |
| Tension Lipidosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | 6 1.7 |

* .. 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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------|
| Mesentery
Fat, Necrosis | + | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 5 2.0 |
| Pancreas
Basophilic Focus | + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | X | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands
Atrophy | + + M + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Stomach, Forestomach
Hyperplasia, Squamous
Inflammation
Ulcer | + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | 5 2.0
1 2.0
3 2.7 |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Tooth
Dysplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | X X | | | | | | | | | | | | | | | | | | | | | | | | 9 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| Heart
Cardiomyopathy
Thrombosis | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | 14 1.0
1 4.0 |

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

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 49 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 2.0 |
| Hypertrophy | 2 | | | | | 2 | | | 2 | | | 3 | | 2 | | | | 2 | | 2 | 2 | | 2 | 2 | 22 | 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 49 | |
| Hyperplasia | | | | | | | | | | | | | 3 | | | | | | | | | | | | 1 | 3.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 48 | |
| Parathyroid Gland | + | + | + | M | + | M | + | + | M | + | + | + | + | + | M | M | + | + | M | + | + | + | + | M | M | 31 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | A | 46 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 | 2.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 48 | |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Peritoneum | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

GENITAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 42

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B6C3F1 MICE MALE | 125 PPM | 7 | 6 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | |
| | | 3 | 9 | 3 | 3 | 0 | 0 | 3 | 3 | 2 | 1 | 2 | 2 | 3 | 5 | 0 | 3 | 2 | 8 | 3 | 3 | 2 | 3 | 2 | 3 | 6 |
| | | 0 | 4 | 0 | 7 | 4 | 2 | 0 | 0 | 9 | 7 | 9 | 9 | 0 | 5 | 9 | 1 | 9 | 2 | 0 | 0 | 9 | 0 | 9 | 5 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---|------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Granuloma Sperm | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A 48 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|----|----|
| Bone Marrow | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Lymph Node, Bronchial | M | + | M | M | + | M | + | + | M | + | + | + | + | + | + | M | + | + | M | M | + | M | M | + | + | 32 | |
| Lymph Node, Mandibular | M | M | M | M | M | M | + | M | M | M | M | + | M | M | M | M | + | + | + | + | + | + | M | M | + | M | 21 |

* .. 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. 20011 - 06

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/01/2008

Test Type: CHRONIC

1-Bromopropane

Time Report Requested: 09:42:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 106-94-5

First Dose M/F: 07/21/03 / 07/21/03

Species/Strain: MICE/B6C3F1

Lab: BNW

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------|--|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | 6 | 7 | 5 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 |
| | | 3 | 9 | 3 | 3 | 0 | 0 | 3 | 3 | 2 | 1 | 2 | 2 | 3 | 5 | 0 | 3 | 2 | 8 | 3 | 3 | 2 | 3 | 2 | 3 | 6 | 6 | 6 |
| | | 0 | 4 | 0 | 7 | 4 | 2 | 0 | 0 | 9 | 7 | 9 | 9 | 0 | 5 | 9 | 1 | 9 | 2 | 0 | 0 | 9 | 0 | 9 | 1 | 5 | 5 | 5 |
| B6C3F1 MICE MALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 PPM | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lymph Node, Mediastinal | + | + | + | M | + | + | + | + | + | + | + | M | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | 35 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | I | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | A | 44 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Atrophy | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Hematopoietic Cell Proliferation | | | | 2 | | 3 | 3 | | | | 3 | | | | 1 | | 2 | 2 | | | 1 | | | 1 | | | | 14 2.2 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 5 1.4 |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thymus | + | M | + | + | M | M | + | + | + | M | + | + | + | + | M | M | + | + | + | + | + | M | + | + | M | + | + | 37 |
| Atrophy | | | | 4 | | | | | | 4 | | | | | 4 | | 4 | 2 | 2 | 3 | 4 | | | | | | | 19 2.9 |
| Cyst | | | | 2 | | | | | | | | | | | | | | | | | 2 | | 1 | | 2 | | | 7 1.7 |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Medulla, Hyperplasia, Lymphoid | | | | 3 | | 1 | | | | | 1 | | | | | | | 1 | | | | | | | | | | 14 1.3 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic Active | | | | 4 | | | | 4 | | | | | | | | | | | | | | | | | | | | | 3 4.0 |

MUSCULOSKELETAL SYSTEM

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

Page 44

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 6 7 5 6 7 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 9 3 3 0 0 3 3 2 1 2 2 3 5 0 3 2 8 3 3 2 3 2 | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 0 4 0 7 4 2 0 0 9 7 9 9 0 5 9 1 9 2 0 0 9 0 9 | | | | | | | | | | | | | | | | | | | | | | | |
| 125 PPM | 0 | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | + | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | | | 1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | | | | | | | | | | | | | | | | | | | | | | | 49 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Larynx | + | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Vacuolization Cytoplasmic | 1 | | | | | | | | | | | | | | | | | | | | | | | 10 1.1 |
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Congestion, Chronic | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Alveolus, Infiltration Cellular, Histiocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Bronchiole, Regeneration | 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | 38 1.3 |
| Bronchiole, Vacuolization Cytoplasmic | 2 2 2 1 2 2 | | | | | | | | | | | | | | | | | | | | | | | 19 1.7 |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Olfactory Epithelium, Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | 7 2.3 |
| Olfactory Epithelium, Metaplasia, Respiratory | 1 | | | | | | | | | | | | | | | | | | | | | | | 6 1.3 |
| Respiratory Epithelium, Hyperplasia | 1 1 3 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | 23 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 45

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 6 7 5 6 7 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 7 6 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 9 3 3 0 0 3 3 2 1 2 2 3 5 0 3 2 8 3 3 2 3 2 3 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 4 0 7 4 2 0 0 9 7 9 9 0 5 9 1 9 2 0 0 9 0 9 1 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Respiratory Epithelium, Vacuolization
Cytoplasmic | 2 | 1 | 1 | 2 | 2 | 2 | | | | | | | 1 | 1 | | | | | 3 | 3 | | | 2 | | | 19 1.9 | |
| Pleura | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Trachea
Vacuolization Cytoplasmic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 47 |
| | 2 | | 2 | | 2 | 1 | 2 | 3 | | | | | 2 | | 1 | | | | 3 | 2 | 2 | | 1 | | | | 24 1.8 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Eye | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 44 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 |
| Cornea, Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 1 3.0 |
| Harderian Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 49 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.3 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Nephropathy | 2 | 3 | 4 | 4 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 1 | 1 | | | | | 3 | 1 | 1 | 1 | | | | 47 1.6 | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 2 1.5 |

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

TDMS No. 20011 - 06

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/01/2008

Test Type: CHRONIC

1-Bromopropane

Time Report Requested: 09:42:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 106-94-5

First Dose M/F: 07/21/03 / 07/21/03

Species/Strain: MICE/B6C3F1

Lab: BNW

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | DAY ON TEST | 0730 | 0694 | 0730 | 0564 | 0772 | 0770 | 0773 | 0772 | 0671 | 0772 | 0773 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 |
| B6C3F1 MICE MALE | ANIMAL ID | 0042 | 0047 | 0048 | 0049 | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 |
| 125 PPM | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

Urinary Bladder
Inflammation, Chronic Active

+ A **47** **1 4.0**

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
Page 47
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 7 6 0 7 6 0 7 7 7 5 7 7 7 4 7 6 7 7 7 5 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
250 PPM | 0 3 8 4 3 4 4 3 2 3 6 3 3 2 6 2 0 3 3 2 7 3 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 1 4 7 0 5 7 0 9 1 2 1 0 9 8 9 4 0 0 9 7 0 9 9 0 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| 250 PPM | 6 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 | | | | | | | | | | | | | | | | | | | | | | | | |

males (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder
Degeneration, Hyaline
Hemorrhage | + + A + + + A M + + + M + + A + M + M + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + + A + + + A + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + + A + + + A + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum
Inflammation, Suppurative
Ulcer | + + + + + + A + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + + A + + + A + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + + A + + + A + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + + A + + + A + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Liver
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Fatty Change, Focal | + | | | | | | | | | | | | | | | | | | | | | | | |
| | 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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 4 3 4 3 3 4 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | X X X X |

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

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

B6C3F1 MICE MALE
250 PPM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | 1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| Hemorrhage | | | | 2 | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | 2 | | 2 | 2 | | | | | 2 | 2 | | 2 | | | | |
| Hypertrophy | | 2 | 1 | | 2 | | | 2 | 2 | 2 | | 2 | 2 | 2 | | 2 | | 2 | | 2 | | | 2 | 2 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | M | + | + | + | M | M | M | M | + | + | + | M | + | M | |
| Pituitary Gland | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 2 | + |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

NONE

* .. 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 7 6 0 7 6 0 7 7 7 5 7 7 7 4 7 6 7 7 7 5 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
250 PPM | 0 3 8 4 3 4 4 3 2 3 6 3 3 2 6 2 0 3 3 2 7 3 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 1 4 7 0 5 7 0 9 1 2 1 0 9 8 9 4 0 0 9 7 0 9 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 PPM | 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 | | | | | | | | | | | | | | | | | | | | | | | | | |

males (cont...)

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Epididymis | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Testes | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | M M M M + + + M M + + + M + + M + + M M M + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + + M + M M M + M M + + M + + M M + + + M + M M M | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mediastinal | + + + + + + M M + + + + M + + + + M + + + + 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

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

males (cont...)

Lymph Node, Mesenteric

+ + + + + M +

Spleen

+ +

Atrophy

4

Congestion

2

Hematopoietic Cell Proliferation

4 2 3 2 2 1 4 1

Hyperplasia, Lymphoid

1

Necrosis, Lymphoid

2

Thymus

M + + + M + M I M + M + + + + M + + + M + + M + +

Atrophy

2 4

4

Cyst

2

1

Necrosis, Lymphoid

3

Medulla, Hyperplasia, Lymphoid

1

1

INTEGUMENTARY SYSTEM

Mammary Gland

M M

Skin

+ +

Cyst Epithelial Inclusion

4

3

Inflammation, Chronic Active

MUSCULOSKELETAL SYSTEM

Bone

+ +

* .. 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 7 6 0 7 6 0 7 7 7 5 7 7 7 4 7 6 7 7 7 5 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 3 8 4 3 4 4 3 2 3 6 3 3 2 6 2 0 3 3 2 7 3 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 1 4 7 0 5 7 0 9 1 2 1 0 9 8 9 4 0 0 9 7 0 9 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 250 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

males (cont...)

Hyperostosis
Necrosis 3

Skeletal Muscle +

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Larynx
Vacuolization Cytoplasmic +
1 3 2 1

Lung
Hemorrhage + + A +
Alveolar Epithelium, Hyperplasia 2 3
Alveolus, Infiltration Cellular, Histiocyte 3
Bronchiole, Hyperplasia 3
Bronchiole, Necrosis 3
Bronchiole, Regeneration 2 2 2 2 1 1 2 2 2 1 3 1 2 1 2
Bronchiole, Vacuolization Cytoplasmic 3 3 3 2 1 2 2 1

Nose
Inflammation, Suppurative +
1 4
Polyp, Inflammatory 3
Olfactory Epithelium, Atrophy 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. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 7 | 7 | 6 | 0 | 7 | 6 | 0 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 4 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | |
| | 8 | 3 | 8 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 6 | 3 | 3 | 2 | 6 | 2 | 0 | 3 | 3 | 2 | 7 | 3 | 2 | 2 | |
| | 8 | 1 | 4 | 7 | 0 | 5 | 7 | 0 | 9 | 1 | 2 | 1 | 0 | 9 | 8 | 9 | 4 | 0 | 0 | 9 | 7 | 0 | 9 | 0 | |
| 250 PPM | ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

males (cont...)

Renal Tubule, Necrosis

1

Urethra

Bulbourethral Gland, Angiectasis

Urinary Bladder

Inflammation, Chronic Active

+ + A +

* .. 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

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|-------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Gallbladder | + M + + + + + + + + + + A + + + M M + I + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 38 | | |
| Degeneration, Hyaline Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | 1 4.0 |
| Intestine Large, Cecum | + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |
| Intestine Large, Colon | + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Intestine Large, Rectum | + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | | |
| Inflammation, Suppurative Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | 1 3.0 |
| Intestine Small, Duodenum | + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |
| Intestine Small, Ileum | + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |
| Intestine Small, Jejunum | + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Fatty Change, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |

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

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

B6C3F1 MICE MALE

250 PPM

*** TOTALS**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | | | | | 1 | 1 | | | | 1 | | | | | 1 | 1 | | | | | 1 | | | | | | | | 9 1.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | 2 | | | | 2 | | 2 | | | | | | | | 2 | | | | 2 | | | | | 2 | | | | | 12 2.0 |
| Hypertrophy | | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | | | | 2 | 2 | | | 2 | | | | | 2 | | | | | | 28 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | 2 | | | | | | | | | | | | | | | | 3 | | | | | | 2 2.5 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Parathyroid Gland | + | + | M | M | M | M | + | M | M | + | M | M | M | I | + | + | M | + | M | M | + | M | + | + | + | + | + | 28 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pars Distalis, Hyperplasia | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

GENERAL BODY SYSTEM

NONE

* .. 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

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3 2.3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node, Bronchial | + | + | + | + | + | M | + | M | M | + | + | M | + | M | M | + | + | M | + | + | + | + | M | + | 31 | | |
| Lymph Node, Mandibular | + | M | M | M | + | + | M | + | + | + | + | + | M | + | + | + | + | M | M | M | M | + | M | + | M | 26 | |
| Lymph Node, Mediastinal | M | M | + | M | M | M | M | M | + | + | M | + | + | + | M | + | + | M | + | + | + | + | + | M | + | 34 | |

* .. 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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Hyperostosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | + 2 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Brain | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
|-------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Larynx | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Vacuolization Cytoplasmic | 3 1 1 2 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | 11 1.6 |
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Hemorrhage | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Alveolar Epithelium, Hyperplasia | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 5 2.2 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Bronchiole, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Bronchiole, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Bronchiole, Regeneration | 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | 47 1.6 |
| Bronchiole, Vacuolization Cytoplasmic | 1 1 2 2 3 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 17 1.8 |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation, Suppurative | 1 | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Polyp, Inflammatory | 2 | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Olfactory Epithelium, Atrophy | 1 1 3 | | | | | | | | | | | | | | | | | | | | | | | | 4 1.8 |

* .. 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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|---|---|--------------|---------------|
| Olfactory Epithelium, Metaplasia, Respiratory | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 | |
| Respiratory Epithelium, Hyperplasia | 2 | 3 | 2 | 4 | 2 | 2 | 2 | 1 | 4 | 4 | | | | | | | | | | | | | | | 2 | 26 2.7 |
| Respiratory Epithelium, Vacuolization | 1 | | | | 3 | 3 | 1 | 3 | 2 | 1 | | | | | | | | | | | 2 | 20 2.2 | | | | |
| Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Vacuolization Cytoplasmic | 1 | | | | 3 | 1 | 2 | 2 | 3 | | | | | | | | | | | 3 | 24 2.3 | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|-----------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Degeneration | | | | | 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia | | | | | | 2 | | | | 3 | | | | | | | | | | | | | | | 4 2.3 | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---|---|--------------|---|---|---|--------------|---------------|---|---|--------------|---|-----------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Amyloid Deposition | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 2.0 | | |
| Hydronephrosis | | | | | | | | | | | | | | | | 3 | 1 3.0 | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | 3 | 1 3.0 | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | 2 | | | | 3 | | | | | | | | | | | 2 2.5 | | | | | | |
| Nephropathy | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 1 | | | | | | | | | | | 41 1.2 | | | | | |

* .. 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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 3 | 7 | | |
| | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 3 | 3 | 7 | 2 | 8 | 3 | |
| | 9 | 7 | 9 | 9 | 9 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 9 | 9 | 9 | 1 | 2 | 0 | 9 | 0 | 0 | 0 | 9 | 5 | 0 | |
| B6C3F1 MICE MALE | ----- | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| 250 PPM | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Bulbourethral Gland, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | | | | | | | 48 3.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 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

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

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

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + + + + + + + M + + A + M + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum Hemorrhage | + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon Necrosis | + + + + + + + + + + + + 1 + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + + + + + + + + + + + + I + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + + + + + + + + + + + + A + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + + + + + + + + + + + + A + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change, Focal Inflammation, Acute | 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

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|---|--|
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | |
| Hepatocyte, Mitotic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 65

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

females (cont...)

Artery, Inflammation, Chronic Active

3

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | 2 | | | 2 | | | | | | | | | | 2 | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | M | M | + | + | M | + | + | M | M | + | + | M | M | + | M | M | + | + | + | + | + | M | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | 2 | | 3 | 2 | | | 2 | | | 3 | | | | 3 | | | | | 3 | | | 2 | | |
| Pars Intermedia, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 66

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | 4 | | | | | | | | 2 | | 3 | | | | | | | | | 3 | | 2 | 3 | 2 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 4 | 3 | 4 | 4 | | | 2 | 4 | 3 | | 3 | | 1 | 2 | | 2 | 1 | 4 | 4 | | | 1 | 4 | 4 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | + | + | + | + | M | M | + | M | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 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

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mediastinal
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Lymph Node, Mesenteric
Angiectasis | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + |
| Spleen
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | 2 | 3 | | | | | | | | 2 | |
| Hyperplasia, Histiocytic | | | | | | | | | | | | | | 3 | 1 | 4 | 1 | | | | | 4 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | 2 | 1 | | | | 2 | 2 | | | 1 | | | | | | | | | | |
| Thymus
Atrophy | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | 3 | | 1 | | | | | | | | 4 | | 4 | 2 | | 3 | | | | | | 4 | | 3 |
| Medulla, Hyperplasia, Lymphoid | 3 | 1 | 3 | | 1 | 1 | | | | 3 | 3 | | 2 | | | | | | | 1 | | 2 | 2 | 3 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

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

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

females (cont...)

Bone

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

NERVOUS SYSTEM

Brain

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

Artery, Inflammation

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

Larynx

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

Lung

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | |
| | | | | Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | |
| | | | | Bronchiole, Hyperplasia | | 2 | | | | | | | | | | | | | | | | | | | |

Nose

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | Respiratory Epithelium, Hyperplasia | | 1 | | | | 1 | | | | 1 | | 1 | | | | | | 1 | | | | | |

Trachea

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

* .. 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
Page 69
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

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

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 |
| Cornea, Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Cornea, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 70

Test Type: CHRONIC

1-Bromopropane

Time Report Requested: 09:42:38

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 106-94-5

First Dose M/F: 07/21/03 / 07/21/03

Species/Strain: MICE/B6C3F1

Lab: BNW

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|---|--|--|--|---|--|--|---|--|--|--|--|---|--|--|--|---|---|--|---|--------------|--------------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Gallbladder | + A + + + + + + + + + + + + + A + + + M + + + I + + + | | | | | | | | | | | | | | | | | | | | | | | 43 | |
| Intestine Large, Cecum Hemorrhage | + A + | | | | | | | | | | | | | | | | | | | | | | | 48 | 1 2.0 |
| Intestine Large, Colon Necrosis | + A + + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | 48 | 1 1.0 |
| Intestine Large, Rectum | + A + + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| Intestine Small, Duodenum | + A + + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| Intestine Small, Ileum | + A + | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Intestine Small, Jejunum | + A + + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Eosinophilic Focus | X | X | | X | | | | X | | | X | | | | | | | | | X | | | | 6 | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Fatty Change, Focal Inflammation, Acute | | | | | | | | | | | | | | | | X | | | | | X | | | 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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mixed Cell Focus | | | | | | | | | | | | X | | | X | | | | | | | | | | | | 2 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 3 1.3 |
| Hepatocyte, Mitotic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mesentery | | | + | | | + | | | | | | | | + | | | | | | | | | | | + | + | | 11 |
| Artery, Inflammation | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Fat, Necrosis | | | 2 | | | | | | | | | | | | 3 | | | | | | | | | | 2 | 2 | | 9 2.3 |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Atrophy | | 1 | | | | | | 3 | | | | | 1 | 3 | | | | | | | | | | | | 1 | | 7 1.9 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 3 1.7 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Ulcer | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2 | 2 1.5 |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-------|
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Cardiomyopathy | | | | | | | 1 | 1 | | | 1 | | | | | 1 | | | | | | | | | | | | 6 1.0 |
| Mineralization | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | 3 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 72

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

Artery, Inflammation, Chronic Active

1 3.0

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 | |
| Hypertrophy | | | | | | | | | 2 | | | | | | | | 1 | | 2 | | | | | | | | 4 1.8 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Parathyroid Gland | + | M | M | + | + | + | M | M | + | M | + | M | + | + | M | + | M | M | M | M | + | + | + | + | M | 28 | | |
| Pituitary Gland | + | I | + | + | + | + | + | + | + | I | + | + | I | I | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | |
| Pars Distalis, Hyperplasia | 2 | | | | | | | 2 | | 2 | | | | 2 | 2 | 3 | | | | | | | 3 | | | 15 | 2.4 | |
| Pars Intermedia, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 1 | 4.0 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | 0732 | 0735 | 0738 | 0741 | 0744 | 0747 | 0750 | 0753 | 0756 | 0759 | 0802 | 0805 | 0808 | 0811 | 0814 | 0817 | 0820 | 0823 | 0826 | 0829 | 0832 | 0835 | 0838 | 0841 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CONTROL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---------------|---------------|
| Clitoral Gland | I | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | 46 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Cyst | | | | 3 | | | 2 | | | | | | 3 | | | | | | | | | 3 | | | 12 2.7 | |
| Thrombosis | | | | | | | | | 4 | | | | | | | | | | | | | | | | 2 4.0 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | 2 | | | | | | | | | | | | 2 2.0 | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | | |
| Endometrium, Hyperplasia, Cystic | 4 | 2 | 2 | 4 | | 2 | 2 | 4 | 2 | 2 | 2 | | 4 | 1 | 2 | | 2 | 2 | 3 | 3 | | 2 | 3 | 1 | 1 | 39 2.6 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|-----------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | 2 | | | | | | 3 | | | | | | | 2 2.5 | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Iliac, Angiectasis | | | | | | | | | 4 | | | | | | | | | | | | | | | 2 4.0 | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lymph Node, Bronchial | + | + | + | + | + | + | M | M | + | + | + | + | M | + | M | + | M | + | + | + | + | + | M | M | 37 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | I | + | I | + | + | + | 45 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------|
| Lymph Node, Mediastinal
Hyperplasia, Lymphoid | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | M | 45 | 1 3.0 |
| Lymph Node, Mesenteric
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 2 2.5 |
| Spleen
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 4 2.3 |
| Hematopoietic Cell Proliferation | | | | | 4 | | 2 | 2 | | | 1 | | | | | | | | | | 1 | | | | | | | 13 2.2 |
| Hyperplasia, Histiocytic | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | 2 | | | | | | | 2 | | | | | | | | | | | | | 7 1.7 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 |
| Thymus
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 14 3.4 |
| Cyst | | | | | 4 | | 3 | 4 | | | 4 | | | | 1 | 1 | | | | | 1 | | | | | | | 5 1.0 |
| Medulla, Hyperplasia, Lymphoid | | | | | 2 | 2 | 2 | 2 | | 1 | 2 | 3 | 2 | 1 | | | 3 | 2 | | | | | 1 | 1 | | | | 25 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Mammary Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| Skin
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |

MUSCULOSKELETAL SYSTEM

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

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

* **TOTALS**

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Eye | + A + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Cornea, Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cornea, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|--|---|---|---|---|--|---|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|---|---|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 | | | | | | | | | | | | | | | |
| Nephropathy | 3 | 1 | 1 | | 2 | 2 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Inflammation, Chronic Active | M | M | M | + | + | + | + | + | + | M | M | + | + | I | + | M | + | + | + | + | M | M | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Inflammation, Suppurative | + | + | + | + | + | + | + | + | 4 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | X | | X | | | | | | X | X | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | 3 | | | | | | | | | | | | | | 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
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1) Minimal 3) Moderate
2) Mild 4) Marked

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|---|---|--|
| | 0
7
3
1 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | 0
7
3
2 | 0
7
3
3 | 0
7
3
2 | 0
6
2
5 | 0
7
3
3 | 0
7
3
2 | 0
7
3
2 | 0
5
8
3 | 0
7
3
1 | 0
7
3
2 | 0
5
3
5 | 0
7
3
1 | 0
7
3
7 | 0
5
4
1 | 0
7
3
8 | 0
6
3
7 | 0
7
3
3 | 0
7
3
2 | 0
7
3
2 | 0
7
3
3 | 0
7
3
1 | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 62.5 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 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 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | | |
| Mixed Cell Focus | | | | | | | | | | | | X | | | | | | | | | | | | | | | | X | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

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

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|---|--|--|---|--|--|---|--|--|--|--|--|--|--|--|---|--|--|---|--|--|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardiomyopathy | | | | | | | 1 | | | 1 | | | 1 | | | | | | | | | 1 | | | 1 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 2 | | 2 | | | | | | 2 | | 2 | | | | | | | | 2 | | 2 | | 2 | | | | | | | | | | | |
| Hypertrophy | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | 2 | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | | M | | + | | M | | + | | M | | M | | + | | M | | M | | M | | M | | + | | M | | + | | M | | + | |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | 2 | | | | | | 2 | | | | | | | | 2 | | 2 | | 2 | | 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 80

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pars Intermedia, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Hypertrophy | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Follicular Cell, Hyperplasia | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Congestion, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | 3 | | | | | | 1 | 3 | 2 | 2 | | | | |
| Thrombosis | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 3 | 3 | 3 | 2 | 3 | 2 | 4 | 4 | 3 | 3 | 3 | | 2 | 3 | | 3 | 2 | 4 | 4 | 1 | 2 | 2 | 1 | 1 | 3 | |

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 81

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|
| | 7 7 7 7 7 7 7 6 7 7 7 5 7 7 5 7 7 5 7 6 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 3 3 3 3 3 3 2 3 3 3 8 3 3 0 3 3 4 3 8 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | 1 2 1 2 2 3 2 5 3 2 2 3 1 2 5 3 1 7 1 7 3 2 2 3 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
62.5 PPM | 0 | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5 PPM | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5 PPM | 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node
Iliac, Angiectasis
Lumbar, Angiectasis
Renal, Hyperplasia, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + M + + M M M + M + M + + + M M + + M + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + M + + M + M + + + M + M M + + M + M M M + + + + + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mediastinal | + + + M + + + + + + + + + + + M M + + + + M + + M + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric
Angiectasis | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen
Atrophy
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Necrosis, Lymphoid
Pigmentation, Hemosiderin | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus
Atrophy
Cyst
Necrosis, Lymphoid
Medulla, Hyperplasia, Lymphoid | + + + + + + 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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 8 | 3 | 3 | 0 | 3 | 3 | 4 | 3 | 8 | 3 | 3 | 3 | 3 | 3 |
| | 1 | 2 | 1 | 2 | 2 | 3 | 2 | 5 | 3 | 2 | 2 | 3 | 1 | 2 | 5 | 3 | 1 | 7 | 1 | 7 | 3 | 2 | 2 | 3 | 1 |

| B6C3F1 MICE FEMALE
62.5 PPM | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain
Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Peripheral Nerve
Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | + | 3 | |
| Spinal Cord
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | + | 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

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 8 | 3 | 3 | 0 | 3 | 3 | 4 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | |
| 1 | 2 | 1 | 2 | 2 | 3 | 2 | 5 | 3 | 2 | 2 | 3 | 1 | 2 | 5 | 3 | 1 | 7 | 1 | 7 | 3 | 2 | 2 | 3 | 1 | |

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Vacuolization Cytoplasmic | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Bronchiole, Regeneration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | |
| Bronchiole, Vacuolization Cytoplasmic | | | | | | | 2 | | | | 1 | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Olfactory Epithelium, Metaplasia, Respiratory | | 1 | | | | | | | | | 1 | | | | | | | | 1 | | | | | | |
| Respiratory Epithelium, Hyperplasia | | 2 | | 1 | | 2 | | 2 | 2 | 1 | 1 | | | | | | | | 2 | | 2 | 2 | 1 | | |
| Respiratory Epithelium, Vacuolization Cytoplasmic | | | | | | | 1 | | | | 2 | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Vacuolization Cytoplasmic | | | | | | | 1 | 2 | | | | 1 | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 7 7 7 7 7 7 6 7 7 7 5 7 7 5 7 7 5 7 6 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 3 3 3 3 3 3 2 3 3 3 8 3 3 0 3 3 4 3 8 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 2 1 2 2 3 2 5 3 2 2 3 1 2 5 3 1 7 1 7 3 2 2 3 1 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |

females (cont...)

Hyperplasia

Zymbal's Gland

+

URINARY SYSTEM

Kidney

Inflammation, Chronic Active

Metaplasia, Osseous

Nephropathy

Transitional Epithelium, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | 4 | | | |
| | | 2 | 1 | | | | | | | | | | | | | | | | | 1 | | | |
| | 1 | 1 | | 1 | 1 | | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | 1 | | |

Urinary Bladder

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

* .. 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 6 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
62.5 PPM | 3 7 3 3 3 7 3 3 3 3 3 3 3 3 3 3 3 3 2 3 3 3 3 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 3 2 3 2 8 3 1 2 3 3 1 3 3 2 3 3 2 3 2 1 3 1 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5 PPM | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 2 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5 PPM | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 4 4 4 4 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Gallbladder
Inflammation, Chronic Active | + A + + + + + + + M + + + + + 3 + + + + A M I + + + + | | | | | | | | | | | | | | | | | | | | | | | | 36
1 3.0 |
| Intestine Large, Cecum
Inflammation, Suppurative | + A + | | | | | | | | | | | | | | | | | | | | | | | | 49
1 4.0 |
| Intestine Large, Colon | + A + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Intestine Large, Rectum | + A + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Intestine Small, Duodenum | + A + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Intestine Small, Ileum | + A + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Intestine Small, Jejunum | + A + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Liver
Angiectasis | + | | | | | | | | | | | | | | | | | | | | | | | | 50
1 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Eosinophilic Focus | X X X | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Fatty Change | X X X X | | | | | | | | | | | | | | | | | | | | | | | | 4
1 4.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|----|-----|
| | 0733 | 0733 | 0732 | 0733 | 0732 | 0738 | 0733 | 0731 | 0732 | 0733 | 0733 | 0731 | 0733 | 0733 | 0732 | 0733 | 0733 | 0732 | 0733 | 0732 | 0731 | 0733 | 0731 | 0739 | | 0730 | | |
| B6C3F1 MICE FEMALE | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0032 | 0033 | 0033 | 0033 | 0030 | 0036 | | | |
| 62.5 PPM | 0036 | 0037 | 0038 | 0039 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0030 | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | X | 3 | |
| Necrosis | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Tension Lipidosis | | | | | | | 2 | | | | 1 | 1 | | 2 | | | | 1 | | 2 | | | | | | | 10 | 1.3 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 3.0 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 2.0 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.5 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | | |
| B6C3F1 MICE FEMALE
62.5 PPM | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 3 | 7 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 0 | 6 | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | |
| 62.5 PPM | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | | 1 | | | 1 | | | 1 | | | | | 1 | 1 | | | | | | 1 | | | | 1 | 12 1.0 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 3.0 | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | 2 | | | | | | | | | | | | | | | | | | | 2 | | | 10 2.0 | |
| Hypertrophy | | | | | 2 | | | | | | | 2 | | | | | | | | | | | | | 3 1.7 | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | 2 | | | | | | | | | | | | | | 2 | 2 | | 5 2.0 | |
| Islets, Pancreatic | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia | | | | | | | | | | | | | 2 | | | | | | | | | | | 4 | 2 3.0 | |
| Parathyroid Gland | + | + | M | + | + | + | + | M | + | + | + | + | M | + | M | M | M | + | + | + | M | M | M | M | + | 27 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Pars Distalis, Angiectasis | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 | |
| Pars Distalis, Hyperplasia | 3 | 3 | | | | 2 | | | | | 2 | | | | | | 2 | 2 | | | 2 | | | | 14 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 88

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Pars Intermedia, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| NONE | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Clitoral Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Congestion, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 2.4 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 2.7 |

HEMATOPOIETIC SYSTEM

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

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| B6C3F1 MICE FEMALE | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | | |
| 62.5 PPM | 3 | 7 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 0 | | |
| | 3 | 3 | 2 | 3 | 2 | 8 | 3 | 1 | 2 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 1 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node | | | + | | | | | | | | | | + | | | | | | + | | | | | 5 | |
| Iliac, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Lumbar, Angiectasis | | | | 3 | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 | |
| Lymph Node, Bronchial | + | A | M | + | M | + | M | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | 32 | |
| Lymph Node, Mandibular | I | + | M | + | + | M | M | + | + | + | + | + | + | + | + | + | + | I | M | M | M | + | M | + | 30 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lymph Node, Mediastinal | + | A | + | + | M | + | + | + | + | M | M | + | + | + | + | + | + | + | M | + | + | M | + | 39 | |
| Lymph Node, Mesenteric | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 47 | |
| Angiectasis | | | | | 3 | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Spleen | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Atrophy | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hematopoietic Cell Proliferation | | | | 2 | | 4 | | 3 | 2 | | | | | 1 | | | | 3 | | | | | | 10 2.6 | |
| Hyperplasia, Lymphoid | | | | | | 2 | | | | | | | | | | | | | 1 | | 2 | | | 7 1.7 | |
| Necrosis, Lymphoid | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 1.5 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 45 | |
| Atrophy | | 4 | | | | 3 | 2 | 1 | 1 | | | | | | | | | | | | | 1 | M | 13 2.0 | |
| Cyst | | | | | | | 1 | | | | | | | 1 | | | | | | | | | | 7 1.7 | |
| Necrosis, Lymphoid | | | | | | 3 | | | | | | | | | | | | | 3 | | | | | 2 3.0 | |
| Medulla, Hyperplasia, Lymphoid | | | 1 | 2 | 2 | 2 | 2 | | | | | | 1 | | 1 | | 1 | 1 | 2 | 2 | | 1 | | 29 1.7 | |

* .. 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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | |
| | 3 | 7 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 6 | |
| | 3 | 3 | 2 | 3 | 2 | 8 | 3 | 1 | 2 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 1 | 9 | 0 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 62.5 PPM | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Mammary Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 2.0 | |
| Skin
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 4 | 1.8 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Bone
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 4.0 |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|-----|
| Brain
Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 2.0 | |
| Peripheral Nerve
Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 3.0 |
| Spinal Cord
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 3.0 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | |
| | 3 | 7 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 0 | 6 | |
| | 3 | 3 | 2 | 3 | 2 | 8 | 3 | 1 | 2 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 1 | 9 | 0 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 62.5 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

Hyperplasia

2

1 2.0

Zymbal's Gland

1

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---|----|
| Kidney | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 | | |
| Nephropathy | | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | | 1 | 1 | 2 | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 37 1.1 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Urinary Bladder | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

* .. 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

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

females (cont...)

ALIMENTARY SYSTEM

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| | 7 6 7 7 6 7 7 7 7 7 5 5 7 7 7 7 7 5 7 7 7 5 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
125 PPM | 3 3 3 3 0 3 3 3 3 0 8 2 3 3 3 3 3 3 3 3 3 8 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 1 2 2 3 2 3 2 3 8 9 0 2 2 2 2 2 7 3 1 2 9 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| 125 PPM | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Malformation, Lobular Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | + | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Hemorrhage | + | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Squamous | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | A | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Tongue | + | | | | | | | | | | | | | | | | | | | | | | | |

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 6 7 7 6 7 7 7 7 7 5 5 7 7 7 7 7 5 7 7 7 5 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 3 3 3 0 3 3 3 3 0 8 2 3 3 3 3 3 3 3 3 3 8 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 1 2 2 3 2 3 2 3 8 9 0 2 2 2 2 2 7 3 1 2 9 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 125 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cardiomyopathy | | | | | | | | | | | | 1 | | | | | | | | | | 1 | 1 | | 1 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Mineralization | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | 3 | | | | | | | | | | | | 2 | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | 2 | | | | | | | | 2 | 2 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Parathyroid Gland | + | M | + | + | A | + | + | + | M | + | M | M | M | + | + | + | M | + | M | M | M | M | M | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | I | + |
| Pars Distalis, Angiectasis | | | | 2 | | | | | | | | | | | | | | | | | | | 3 | |
| Pars Distalis, Hyperplasia | 2 | | | | | 2 | | | | | | | | 2 | | | | 2 | | 2 | | | | 3 |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

females (cont...)

Follicular Cell, Hyperplasia 1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + + + + + + + + + M M + + + + + + M + + + + + M + | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary Cyst | + | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 3 3 2 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | 2 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 3 4 3 3 4 4 2 3 4 2 3 2 1 4 4 3 3 4 4 4 3 | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Angiectasis | + + | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 125 PPM | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Bronchial | M | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + |
| Lymph Node, Mandibular | M | + | + | + | + | + | + | M | M | + | M | + | + | + | + | M | + | + | M | M | + | M | + | M | M |
| Lymph Node, Mediastinal | + | + | M | + | + | + | + | + | M | + | + | M | + | + | M | + | + | + | + | + | + | M | + | + | + |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Hematopoietic Cell Proliferation | | | 1 | | | | | | | | 4 | 4 | 2 | | | | | 4 | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | 1 | | | | | | 1 | | | | 1 | | | | | | |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Thymus | M | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | 2 | | | 1 | 1 | 2 | | | | 1 | | | | | | | | | 1 | | 4 | | |
| Cyst | | | | | | | | | | | | | | | 2 | 1 | | | | | | | | | |
| Necrosis, Lymphoid | | | | | | | 1 | | | | | | | | | | | 2 | 2 | | | | | | |
| Medulla, Hyperplasia, Lymphoid | | | 2 | 3 | | 2 | 1 | 3 | 1 | | | 1 | | 4 | 1 | 2 | 2 | 2 | 2 | 1 | | | | | 3 |

INTEGUMENTARY SYSTEM

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

* .. 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

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

females (cont...)

Inflammation, Chronic Active

4

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

Brain +
Necrosis 1

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

Larynx +
Vacuolization Cytoplasmic

Lung +
Alveolus, Infiltration Cellular, Histiocyte 4 3 2
Bronchiole, Necrosis 3
Bronchiole, Regeneration 3 1 2 2 1 2 2 1 1 3 1 1 1 1 3 1 2 1 1 1
Bronchiole, Vacuolization Cytoplasmic 1 3 1

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

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

B6C3F1 MICE FEMALE

125 PPM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Olfactory Epithelium, Metaplasia, Respiratory | | | 1 | | | | 1 | | | | | | | 1 | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | 1 | 2 | | 2 | 2 | | | | 1 | | 1 | 2 | | | 1 | 2 | 2 | 2 | | | | 2 | 2 | |
| Respiratory Epithelium, Vacuolization Cytoplasmic | | | | | 2 | | | | | | 3 | | | | | | 1 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Pleura | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Vacuolization Cytoplasmic | | | | | 2 | | | | | 2 | | 1 | | | | | 1 | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Cornea, Inflammation, Chronic Active | 3 | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Cornea, Mineralization | 3 | | | | | | 1 | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Harderian Gland | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Nephropathy | 1 | | 2 | 2 | | 1 | 1 | 1 | 1 | 4 | 2 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |

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

+ .. 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

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | |
| DAY ON TEST | | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 0 | 8 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | |
| DAY ON TEST | | 2 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 8 | 9 | 0 | 2 | 2 | 2 | 2 | 2 | 7 | 3 | 1 | 2 | 9 | 1 | 1 | 1 |
| B6C3F1 MICE FEMALE
125 PPM | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 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 | |
| | ANIMAL ID | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | |
| | ANIMAL ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Renal Tubule, Hyperplasia | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder Inflammation, Chronic Active | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

females (cont...)

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

TDMS No. 20011 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

1-Bromopropane
 CAS Number: 106-94-5

Date Report Requested: 10/01/2008
 Time Report Requested: 09:42:38
 First Dose M/F: 07/21/03 / 07/21/03
 Lab: BNW

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|
| Malformation, Lobular | | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | X | 3 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 |
| Tension Lipidosis | | | 2 | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | 4 1.5 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | + | | 11 |
| Fat, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | + | 1 2.0 |
| Fat, Necrosis | | | 2 | | | | | | | | | | | | | | | | | | | | | 2 | | 2 2.1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | 2 | 1 | | 2 | 5 1.6 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

CARDIOVASCULAR SYSTEM

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

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|---|--|
| | 0732 | 0731 | 0730 | 0729 | 0728 | 0727 | 0726 | 0725 | 0724 | 0723 | 0722 | 0721 | 0720 | 0719 | 0718 | 0717 | 0716 | 0715 | 0714 | 0713 | 0712 | 0711 | 0710 | 0709 | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 125 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | 1 | | | | | | | | | 1 | 1 | | | | | | | | | | | 1 | | | | | 8 1.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 2 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-------|-------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 4 2.0 | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 | | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | A | + | + | + | 1 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Parathyroid Gland | + | + | M | M | + | M | M | M | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 30 | | | |
| Pituitary Gland | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | | |
| Pars Distalis, Hyperplasia | | | | | | | 2 | | | | | | | | 2 | 3 | | | | | | | 3 | | | 2 | 11 2.3 | | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 2 2.5 | | |
| Thyroid Gland | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | | |

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

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

Follicular Cell, Hyperplasia

1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ M + + 45

Ovary

+ 50

Cyst

3 2 3 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 12 2.5

Uterus

+ 50

Angiectasis

3 2 2 4 6 2.5

Fibrosis

2 1 2.0

Inflammation, Suppurative

1 3.0

Thrombosis

3 2 3.5

Endometrium, Hyperplasia, Cystic

3 2 4 4 3 1 2 3 4 3 4 3 3 1 3 3 3 4 3 4 4 4 3 43 3.1

HEMATOPOIETIC SYSTEM

Bone Marrow

+ A + + + 49

Lymph Node

+ 3

Lumbar, Angiectasis

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------------|
| | 7 7 7 7 7 6 7 7 7 7 7 7 6 7 7 7 3 7 7 7 7 7 6 6 7
3 3 3 3 3 9 3 3 3 3 3 3 1 3 3 3 4 3 3 3 3 1 8 6 3
2 1 2 3 2 6 2 3 1 2 3 2 0 3 1 1 5 3 2 2 3 5 8 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
125 PPM | ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2 2 2 2 3
6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | M | M | + | + | + | + | M | M | M | M | + | + | + | + | + | + | + | + | + | + | + | M | + | 39 |
| Lymph Node, Mandibular | + | M | + | M | + | + | + | + | M | + | M | + | + | M | I | M | + | M | M | + | + | M | + | + | 30 |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | M | + | + | + | + | M | + | + | 41 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 47
1 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 2.5 |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hematopoietic Cell Proliferation | 2 | | | | | | 2 | | 2 | 2 | 2 | | 3 | | | | | | | | | | 4 | 1 | 13 2.5 |
| Hyperplasia, Lymphoid | | | 2 | | | | | | | | | | | | | | | | | 2 | | | | | 5 1.4 |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | M | + | + | 45 |
| Atrophy | | | 1 | | | | | | | | 1 | 1 | 2 | | | 2 | | 2 | 3 | | 2 | | 4 | 1 | 17 1.8 |
| Cyst | | | | | | | | | | 2 | | | | | 2 | | | 1 | | | | | | 2 | 6 1.7 |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 1.8 |
| Medulla, Hyperplasia, Lymphoid | | | 1 | | 2 | 2 | | 2 | 1 | 1 | 2 | 2 | | 1 | 1 | 2 | 2 | | 1 | 3 | | | 1 | 30 1.8 | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Mammary Gland
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 1.0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

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

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

Inflammation, Chronic Active 1 2 2.5

MUSCULOSKELETAL SYSTEM

Bone + 50

NERVOUS SYSTEM

Brain + 50
Necrosis 1 1.0

Peripheral Nerve + 1

Spinal Cord + 1

RESPIRATORY SYSTEM

Larynx + 50
Vacuolization Cytoplasmic 1 3 2 2.0

Lung + 50
Alveolus, Infiltration Cellular, Histiocyte 2 4 2.8
Bronchiole, Necrosis 1 3.0
Bronchiole, Regeneration 1 1 1 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 43 1.3
Bronchiole, Vacuolization Cytoplasmic 1 4 1.5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 107

TDMS No. 20011 - 06
 Test Type: CHRONIC
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 1-Bromopropane
 CAS Number: 106-94-5

Date Report Requested: 10/01/2008
 Time Report Requested: 09:42:38
 First Dose M/F: 07/21/03 / 07/21/03
 Lab: BNW

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 1 | 8 | 6 | 3 | |
| | 2 | 1 | 2 | 3 | 2 | 6 | 2 | 3 | 1 | 2 | 3 | 2 | 0 | 3 | 1 | 1 | 5 | 3 | 2 | 2 | 3 | 5 | 8 | 3 | 3 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 125 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|---|--|---|---|---|---|---|--|--|---|---|---|---|--|---|--|--|---|---|---|--|----|--------|
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Olfactory Epithelium, Metaplasia, Respiratory | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 5 1.0 |
| Respiratory Epithelium, Hyperplasia | 2 | | | 1 | | 2 | 1 | 2 | 1 | 2 | | | 2 | 1 | 1 | 1 | | 1 | | | 2 | 1 | 1 | | | 28 1.5 |
| Respiratory Epithelium, Vacuolization | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 5 1.6 |
| Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Vacuolization Cytoplasmic | 3 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 1.9 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | 45 | |
| Cornea, Inflammation, Chronic Active | A | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Cornea, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Hyperplasia | A | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|--|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|----|--------|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Nephropathy | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 40 1.2 |

* .. 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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 1 | 8 | 6 | 3 |
| | 2 | 1 | 2 | 3 | 2 | 6 | 2 | 3 | 1 | 2 | 3 | 2 | 0 | 3 | 1 | 1 | 5 | 3 | 2 | 2 | 3 | 5 | 8 | 3 | 3 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Urinary Bladder Inflammation, Chronic Active | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | 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

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

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + + + + + + + I M + + + + + + + M + + I + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum
Artery, Inflammation, Chronic Active | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| | 7 6 7 7 7 7 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
250 PPM | 3 4 3 3 3 3 5 3 3 6 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 9 1 3 3 1 5 1 1 3 2 2 3 3 1 0 2 3 2 1 3 3 2 3 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 PPM | 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 2 |
| Pancreas
Atrophy
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Stomach, Forestomach
Hyperplasia, Squamous
Ulcer
Artery, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 | | 2 |
| Stomach, Glandular
Mineralization
Artery, Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|--|---|--|
| Heart
Cardiomyopathy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 1 | | 1 | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|--|---|--|

ENDOCRINE SYSTEM

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

* .. 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. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|---|--|--|--|---|---|---|--|--|--|--|---|---|---|
| Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | 2 | 2 | | | | | | 2 | 2 | |
| Hypertrophy | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | 2 | | | | | | | 2 |
| Inflammation, Suppurative | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + + + + M + + M + + M + + M + + M M + + M + + M + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | 3 1 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Peritoneum | + | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + + + + M + | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|--|---|---|---|---|--|---|---|---|---|--|--|--|---|--|--|--|--|---|--|---|---|---|---|---|---|
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | |
| Cyst | | | | 3 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 4 | 4 | 2 | 4 | 2 | | 3 | 3 | 4 | 2 | | 2 | 4 | 3 | 3 | | | | | | | | | | | 2 | 2 | 3 | 3 | 2 | 4 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Angiectasis | | | | 4 | | | | | | | | | | | | | | | | | | | + | + | | | | | | + |
| Renal, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Bronchial | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | M | + | M | + | M | + | + | M | + | + | + | M | + | | |
| Lymph Node, Mandibular | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | M | + | + | M | M | + | + | + | + | + | + | + | + | | |
| Lymph Node, Mediastinal | + | + | M | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | | | | |
| Lymph Node, Mesenteric | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

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

B6C3F1 MICE FEMALE

250 PPM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion | | 2 | | | | 2 | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 2 | | | | | 3 | | | 4 | | 1 | | 1 | | | | | | | 1 | | | | |
| Hemorrhage | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Atrophy | 2 | 4 | 2 | 1 | | | | | | | | | | | | | | | | 2 | 2 | | 1 | 3 |
| Cyst | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | |
| Medulla, Hyperplasia, Lymphoid | 2 | 2 | | 2 | | 2 | | 1 | | | 1 | 1 | 1 | | 1 | | 1 | | | | | 1 | 1 | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | 3 | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

females (cont...)

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Larynx | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic Artery, Inflammation, Chronic Active | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Regeneration | 3 2 2 2 3 2 2 3 2 3 2 3 2 3 1 2 2 2 1 1 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Vacuolization Cytoplasmic | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Atrophy | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | 1 2 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|---|--|--|--|--|--|--|--|---|--|--|---|--|--|--|--|--|--|--|---|
| Respiratory Epithelium, Vacuolization
Cytoplasmic | | | | | | | | | | | 3 | | | | | | 1 | 3 | | | | | | | | | | | 1 | | | | | | | | |
| Trachea
Vacuolization Cytoplasmic | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | 1 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataract | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Cornea, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nephropathy | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Gallbladder | + + + + + + + + M M + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Intestine Large, Cecum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Intestine Large, Rectum
Artery, Inflammation, Chronic Active | + + + + + + + + 2 + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Intestine Small, Ileum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | 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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Mesentery | + | + | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| Fat, Necrosis | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | 12 | 2.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | 4 | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Artery, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|-----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 8 | 1.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 118

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

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|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|
| Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 6 | 2.0 |
| Hypertrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | | 9 | 2.1 |
| Inflammation, Suppurative | 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.0 |
| Islets, Pancreatic | + + + + + + + + M + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Parathyroid Gland | + M + M M M M + M + + + + M + + + + + M + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Pars Distalis, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 2.3 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Peritoneum | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Clitoral Gland | + + + + + M + + + + + + + + + + + + + + + M M + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |

* .. 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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|
| Angiectasis | 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Thrombosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Angiectasis | 4 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.3 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Endometrium, Hyperplasia, Cystic | 2 4 3 3 4 2 3 4 3 3 1 2 2 2 4 3 4 2 2 2 3 4 | | | | | | | | | | | | | | | | | | | | | | | | 41 | 2.9 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| Lumbar, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Renal, Angiectasis | 4 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Lymph Node, Bronchial | M M + + M M + + + + + M + + + + + M M M + + + M + | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| Lymph Node, Mandibular | + M + + M + M + + + M + + + + + + + M + + M M M + | | | | | | | | | | | | | | | | | | | | | | | | 37 | |
| Lymph Node, Mediastinal | + + + + + M + + M M + + + M + + M M M M + + + + | | | | | | | | | | | | | | | | | | | | | | | | 37 | |
| Lymph Node, Mesenteric | + + + + + + + + + M + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Angiectasis | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 120

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 1 | 0 | 3 | 3 | 3 | 6 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 2 | 3 | 4 | 1 | 3 | 3 | 1 | 9 | 3 | 2 | 1 | 3 | 8 | 2 | 0 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 3 | 3 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 250 PPM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | * TOTALS |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | 1 | | | | | | | 2 | 4 | | | | 4 | | | | | | | | | | | 5 3.0 |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Hematopoietic Cell Proliferation | 1 | 1 | | | | | | | 4 | 3 | | | | 4 | | 2 | 2 | 2 | | | 1 | | 1 | 16 2.1 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hyperplasia, Lymphoid | | | | 1 | | | | | | | | | | | | | | 1 | 1 | | | | | | 3 1.0 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | M | + | + | 45 |
| Atrophy | | 4 | | 3 | | | | | 4 | | | | | 3 | | 3 | | 1 | 2 | | | | | 2 | 16 2.4 |
| Cyst | | | | | | | | | 2 | | 1 | | | 2 | 2 | 1 | | | 1 | | | | 3 | 9 1.6 | |
| Medulla, Hyperplasia, Lymphoid | | 4 | 1 | 1 | | 1 | | 1 | 1 | 1 | | | 1 | 2 | 1 | | 1 | 2 | | 1 | | | 2 | 2 | 26 1.4 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| Respiratory Epithelium, Vacuolization
Cytoplasmic | 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | 8 1.6 |
| Trachea
Vacuolization Cytoplasmic | + | | | | | | | | | | | | | | | | | | | | | | | | 50 4 2.0 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Cornea, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 6 1.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Nephropathy | 1 | | | | | | | | | | | | | | | | | | | | | | | | 39 1.0 |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Artery, Inflammation, Chronic Active | 3 3 | | | | | | | | | | | | | | | | | | | | | | | | 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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

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

*** END OF REPORT ***

* .. 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

Page 124

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked