

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

F1_M3

C Number: C99023
Lock Date: 12/22/2004
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.8.0

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DAY ON TEST	0 0																								
	7 7 7 7 7 5 7 7 7 6 6 4 7 7 5 7 7 7 7 6 7 7 7 7 7																								
ANIMAL ID	2 2 2 2 2 6 2 2 2 0 5 6 3 2 9 2 2 2 3 1 2 3 2 3 3																								
	9 7 9 8 8 7 8 9 9 7 9 8 0 9 9 9 9 0 1 9 0 8 0 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 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males
(cont...)

ALIMENTARY SYSTEM

Esophagus Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition																								
Basophilic Focus																					X	X		
Clear Cell Focus																					X			X
Eosinophilic Focus				X	X				X	X	X		X	X	X						X	X		X
Fatty Change				2	1				2	2			1	2	2	2				1	1			1
Hematopoietic Cell Proliferation												1												
Inflammation, Chronic Active	1	1	1	1	1			1	1	1			1	1			1	1	1			1		1

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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 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	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

males
(cont...)

Mixed Cell Focus				X			X	X		X										X	X				
Necrosis		2										3		1	4					1				1	
Pigmentation, Ceroid																									
Pigmentation, Hemosiderin		2																							
Tension Lipidosis												1												1	
Thrombosis																		2							
Vacuolization Cytoplasmic											2						2								
Hepatocyte, Hypertrophy		1																							
Mesentery																									
Fat, Necrosis																									
Pancreas																									
Atrophy																									
Cytoplasmic Alteration											1														
Salivary Glands																									
Inflammation																									
Stomach, Forestomach																									
Inflammation																									
Mineralization																									
Necrosis																									
Ulcer																									
Epithelium, Hyperplasia																									
Stomach, Glandular																									
Dysplasia																									
Hyperplasia																									

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	DAY ON TEST																									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	7	7	7	5	7	7	7	6	6	4	7	7	5	7	7	7	7	6	7	7	7	7	7	
	2	2	2	2	2	6	2	2	2	0	5	6	3	2	9	2	2	2	3	1	2	3	2	3	3	
	9	7	9	8	8	7	8	9	9	7	9	8	0	9	9	9	9	9	0	1	9	0	8	0	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 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Inflammation																										1
Muscularis, Hypertrophy																										
Tongue																										
Tooth																										
Dysplasia																										
Gingiva, Inflammation																										
Peridontal Tissue, Inflammation																										
Pulp, Inflammation																										

CARDIOVASCULAR SYSTEM

Heart																									
Cardiomyopathy																									
Inflammation																									
Mineralization																									
Atrium, Thrombosis																									
Coronary Artery, Inflammation																									

ENDOCRINE SYSTEM

Adrenal Cortex																									
Amyloid Deposition																									
Hypertrophy																									
Subcapsular, Hyperplasia																									

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	7	7	7	7	7	5	7	7	7	6	6	4	7	7	5	7	7	7	7	6	7	7	7	7	7	
ANIMAL ID	0																									males (cont...)
	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	
Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	
Pituitary Gland Pars Distalis, Hyperplasia	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thyroid Gland Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Hyperplasia			1																							
Follicle, Cyst			1																							
Follicle, Degeneration																									1	
Follicular Cell, Hypertrophy																									2	

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									1
Fibrosis																									1
Granuloma Sperm																									

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	2	2	2	2	2	6	2	2	2	0	5	6	3	2	9	2	2	2	3	1	2	3	2	3	3
	9	7	9	8	8	7	8	9	9	7	9	8	0	9	9	9	9	9	0	1	9	0	8	0	0
B6C3F1 MICE MALE 0 G/KG	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	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

males
(cont...)

Preputial Gland Ectasia Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
							2																		
Prostate Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	1						1		1			1		1	1	1	1	1		1				1	1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes Germinal Epithelium, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
		1					1					2												1	

HEMATOPOIETIC SYSTEM

Bone Marrow Atrophy Myelofibrosis Myeloid Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																									
Lymph Node, Mandibular Atrophy Infiltration Cellular, Plasma Cell	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	

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	7	7	7	7	7	5	7	7	7	6	6	4	7	7	5	7	7	7	7	6	7	7	7	7	7
	2	2	2	2	2	6	2	2	2	0	5	6	3	2	9	2	2	2	3	1	2	3	2	3	3
	9	7	9	8	8	7	8	9	9	7	9	8	0	9	9	9	9	9	0	1	9	0	8	0	0
B6C3F1 MICE MALE 0 G/KG	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	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

males
(cont...)

Amyloid Deposition																									
Atrophy						2					2	4						1	1	1					
Inflammation																									
Pigmentation, Hemosiderin																									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition																									
Hematopoietic Cell Proliferation	2	2	2	1	1		1		1	1	3	3	1	2			1	3	2	2	1		2	1	3
Hyperplasia, Lymphoid															2										
Pigmentation, Hemosiderin																									
Lymphoid Follicle, Atrophy					2						2							1	2					2	
Thymus	+	+	+	+	+	M	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	
Amyloid Deposition																									
Atrophy	3	4	1	2	4		1	2	2			3	3	3	3	2	2	3	3	3	1	2	1	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
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation			2																						
Ulcer			3																						
Hair Follicle, Inflammation																									2

MUSCULOSKELETAL SYSTEM

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0 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males
(cont...)

Bone +
 Joint, Arthrosis

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Lung +
 Inflammation, Chronic Active 2
 Alveolar Epithelium, Hyperplasia 1 1
 Alveolus, Infiltration Cellular, Histiocyte 4 2
 Bronchiole, Hyperplasia 1

Nose +
 Inflammation 2
 Polyp, Inflammatory 3 2
 Olfactory Epithelium, Degeneration 1 1 2
 Olfactory Epithelium, Metaplasia, Respiratory 3 2
 Respiratory Epithelium, Hyperplasia

Trachea +

SPECIAL SENSES SYSTEM

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	9	7	9	8	8	7	8	9	9	7	9	8	0	9	9	9	9	9	0	1	9	0	8	0	0	
B6C3F1 MICE MALE 0 G/KG	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	
	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...)

Eye	+																								
Optic Nerve, Fibrosis	2																								
Harderian Gland	+																								
Fibrosis	2																								
Hyperplasia	2																								

URINARY SYSTEM

Kidney	+																								
Infarct	4																								
Mineralization	1 1 2 1																								
Nephropathy	1 2 1 1 1 1 2 1 2 3 1 1 2 1 2 1 2 1 2 1 2 1 1 1 1																								
Cortex, Cyst	1 1																								
Cortex, Inflammation																									
Cortex, Metaplasia, Osseous																									
Papilla, Inflammation																									
Papilla, Necrosis																									
Pelvis, Inflammation																									
Renal Tubule, Hyperplasia	1 1 1 1 1 1 1 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1																								
Renal Tubule, Pigmentation, Hemosiderin	2 2 1 2																								
Renal Tubule, Vacuolization Cytoplasmic	1 1 1 1 1 1 1 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1																								
Urinary Bladder	+																								

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 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS
	7 7 6 5 6 7 6 5 7 6 7 7 7 7 7 6 7 7 7 6 7 7 6																								
B6C3F1 MICE MALE 0 G/KG	3 2 2 6 4 2 7 4 2 4 2 2 3 3 3 2 2 6 3 3 3 2 3 3 0																								* TOTALS
	0 9 1 0 5 9 3 6 9 4 9 9 0 0 0 9 8 6 0 0 0 9 0 0 7																								
ANIMAL ID	0 0																								* TOTALS
	0 0																								
ANIMAL ID	0 0																								* TOTALS
	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 5																								
ANIMAL ID	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	
Inflammation																									1	2 1.0
Gallbladder	+ +																								49	
Intestine Large, Cecum	+ +																								49	
Intestine Large, Colon	+ +																								50	
Intestine Large, Rectum	+ +																								50	
Intestine Small, Duodenum	+ +																								49	
Intestine Small, Ileum	+ +																								49	
Intestine Small, Jejunum	+ +																								49	
Liver	+ +																								50	
Amyloid Deposition																									3	1 3.0
Basophilic Focus																										3
Clear Cell Focus																										15
Eosinophilic Focus	X																									16
Fatty Change	X																									16
Hematopoietic Cell Proliferation	2 1																								2	25 1.6
Inflammation, Chronic Active	2 2 2																								3	3 1.3
	1 1 1																								1	26 1.0

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 Lab: BAT

	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	6	5	6	7	6	5	7	6	7	7	7	7	7	6	7	7	7	6	7	7	6		
	3	2	2	6	4	2	7	4	2	4	2	2	3	3	3	2	2	6	3	3	3	2	3		
	0	9	1	0	5	9	3	6	9	4	9	9	0	0	0	9	8	6	0	0	0	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 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8		
Mixed Cell Focus										X	X	X	X	X		X	X							13	
Necrosis				2																				7 2.0	
Pigmentation, Ceroid																			2					1 2.0	
Pigmentation, Hemosiderin																				2				2 2.0	
Tension Lipidosis	1																							3 1.0	
Thrombosis																								1 2.0	
Vacuolization Cytoplasmic										2														3 2.0	
Hepatocyte, Hypertrophy																								1 1.0	
Mesentery		+	+																					4	
Fat, Necrosis		3	1																					4 2.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																								1 1.0	
Cytoplasmic Alteration														1										1 1.0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation				2																				1 2.0	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation				2					2								2				2			10 1.8	
Mineralization																	1							1 1.0	
Necrosis									1															1 1.0	
Ulcer																		2						4 2.3	
Epithelium, Hyperplasia				2					3								2				2			12 2.1	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Dysplasia																								1 2.0	
Hyperplasia																								2 2.0	

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS
	7 7 6 5 6 7 6 5 7 6 7 7 7 7 7 6 7 7 7 6 7 7 6																								
B6C3F1 MICE MALE 0 G/KG	ANIMAL ID																								* TOTALS
	0 0																								
																								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	

Inflammation																									1	1.0
Muscularis, Hypertrophy																									2	1.0
Tongue																									+	1
Tooth																									+	38
Dysplasia	X	X	X	X		X	X	X	X		X	X	X		X	X		X	X	X	X	X	X	X	38	
Gingiva, Inflammation																										1.0
Peridontal Tissue, Inflammation																										2.0
Pulp, Inflammation																										2.0

CARDIOVASCULAR SYSTEM

Heart																									+	50
Cardiomyopathy																										15.0
Inflammation																										1.1
Mineralization																										2.0
Atrium, Thrombosis																										1.0
Coronary Artery, Inflammation																										3.0

ENDOCRINE SYSTEM

Adrenal Cortex																									+	50
Amyloid Deposition																										1.0
Hypertrophy																										7.0
Subcapsular, Hyperplasia																										1.3
																								46	1.6	

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 2) Mild 4) Marked
 Page 12

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

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 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

	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		
B6C3F1 MICE MALE	7	7	6	5	6	7	6	5	7	6	7	7	7	7	7	7	6	7	7	7	6	7	7		
0 G/KG	3	2	2	6	4	2	7	4	2	4	2	2	3	3	3	2	2	6	3	3	3	2	3	3	
	0	9	1	0	5	9	3	6	9	4	9	9	0	0	0	9	8	6	0	0	0	9	0	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	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	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	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																	1							1 1.0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia	1	1			1			2	1	1			1	2	1	1		1	1	1	1		2	38 1.2	
Parathyroid Gland	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	45	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Hyperplasia		1																						1 1.0	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Mineralization																								1 1.0	
C-cell, Hyperplasia								3																1 3.0	
Follicle, Cyst																								1 1.0	
Follicle, Degeneration																								1 1.0	
Follicular Cell, Hypertrophy																								1 2.0	

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst																								1 1.0	
Fibrosis																								1 1.0	
Granuloma Sperm																	1							1 1.0	

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

B6C3F1 MICE MALE 0 G/KG	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
	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

Preputial Gland Ectasia Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
													2														2				3			
					3						2					4																		
Prostate Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
	1		1	1	1		3	1								1	1	1	1			1	1										1	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes Germinal Epithelium, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																	1																	

HEMATOPOIETIC SYSTEM

Bone Marrow Atrophy Myelofibrosis Myeloid Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
																																1			
							2																												
Lymph Node			+																									+						2	
Lymph Node, Mandibular Atrophy Infiltration Cellular, Plasma Cell	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
										2																				4					
																3																			
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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Page 14

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

	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 MALE	7	7	6	5	6	7	6	5	7	6	7	7	7	7	7	7	6	7	7	7	6	7	7	6	
0 G/KG	3	2	2	6	4	2	7	4	2	4	2	2	3	3	3	2	2	6	3	3	3	2	3	3	0
	0	9	1	0	5	9	3	6	9	4	9	9	0	0	0	9	8	6	0	0	0	9	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	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	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

Amyloid Deposition																								1	1.0		
Atrophy	4				1				1		1		3				2								12	1.9	
Inflammation																								2	2.0		
Pigmentation, Hemosiderin																								2	2.0		
Spleen																								49			
Amyloid Deposition																								2	2.0		
Hematopoietic Cell Proliferation	2	2	4		3		1		4		1		1		2		1		2		1		1		33	1.8	
Hyperplasia, Lymphoid																								1	2.0		
Pigmentation, Hemosiderin																								1	1.0		
Lymphoid Follicle, Atrophy																								4	2.1		
Thymus																								47			
Amyloid Deposition																								1	1.0		
Atrophy	1	1	3	4	2	1	4	4	2	4	1	3	1	3	3	2	4	3	1	1	4	1	4	1	4	45	2.4

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	1
Skin																											50	
Inflammation																											1	2.0
Ulcer																											1	3.0
Hair Follicle, Inflammation																											1	2.0

MUSCULOSKELETAL SYSTEM

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	6	5	6	7	6	5	7	6	7	7	7	7	7	7	6	7	7	7	6	7	7	6		
	3	2	2	6	4	2	7	4	2	4	2	2	3	3	3	2	2	6	3	3	3	2	3	3	0	
	0	9	1	0	5	9	3	6	9	4	9	9	0	0	0	9	8	6	0	0	0	9	0	0	7	
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	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 G/KG	2	2	2	3	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

Bone + **50**
 Joint, Arthrosis 4 **1 4.0**

NERVOUS SYSTEM

Brain + **50**

RESPIRATORY SYSTEM

Lung + **50**
 Inflammation, Chronic Active 1 **2 1.5**
 Alveolar Epithelium, Hyperplasia 1 3 **4 1.5**
 Alveolus, Infiltration Cellular, Histiocyte 1 3 **4 2.5**
 Bronchiole, Hyperplasia 3 **1 1.0**

Nose + **50**
 Inflammation 3 2 **3 2.3**
 Polyp, Inflammatory 1 2 3 3 **6 2.3**
 Olfactory Epithelium, Degeneration 1 1 **5 1.2**
 Olfactory Epithelium, Metaplasia, Respiratory 2 2 3 2 2 **7 2.3**
 Respiratory Epithelium, Hyperplasia 1 **1 1.0**

Trachea + **50**

SPECIAL SENSES SYSTEM

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

DAY ON TEST	0 0																								* TOTALS	
	7	7	6	5	6	7	6	5	7	6	7	7	7	7	7	6	7	7	7	6	7	7	6	7		7
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

B6C3F1 MICE MALE
0 G/KG

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Optic Nerve, Fibrosis																											1 2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Fibrosis																											1 2.0
Hyperplasia																											1 2.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infarct	1				2	1																			4		6 2.2
Mineralization	1	1		1				1	1	1		1	1	1	1		1	1	1	1				1	1		31 1.0
Nephropathy	1	1		1	1	1		4	1			1	1	1	1	1	4	2	2	1	1		2	1	1		44 1.4
Cortex, Cyst												1															6 1.0
Cortex, Inflammation							4																				1 4.0
Cortex, Metaplasia, Osseous																				1							1 1.0
Papilla, Inflammation							3																				1 3.0
Papilla, Necrosis							4																				1 4.0
Pelvis, Inflammation							2																				1 2.0
Renal Tubule, Hyperplasia	1				1						1	1			2				1					1			14 1.3
Renal Tubule, Pigmentation, Hemosiderin																											1 2.0
Renal Tubule, Vacuolization Cytoplasmic	2	1			1			2	1	1	1	1	1	1	2	1		1	1	1	1	1		1	2	39 1.2	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

DAY ON TEST	0 0																								
	5 6 7 6 4 7 5 7 7 7 6 7 6 7 7 7 7 7 7 6 6 7 7 7 7																								
ANIMAL ID	3 8 3 3 3 3 8 2 2 3 7 2 2 2 3 2 2 2 3 5 0 3 3 3 3																								
	3 4 0 4 6 0 2 9 8 0 3 8 8 9 8 0 8 9 9 0 1 0 0 0 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
0.25 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																				2	1				
Muscularis, Degeneration				1																1					
Gallbladder	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Lymphoid Tissue, Hyperplasia																									
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																									
Basophilic Focus				X			X				X				X						X				
Clear Cell Focus				X					X	X					X	X	X	X	X	X	X			X	X
Eosinophilic Focus					X		X	X	X	X	X				X	X	X	X	X					X	X
Fatty Change	1			2			1		1	2									2	2			1		2

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DAY ON TEST	0 0																								
	5 6 7 6 4 7 5 7 7 7 6 7 6 7 7 7 7 7 7 6 6 7 7 7 7																								
ANIMAL ID	3 8 3 3 3 3 8 2 2 3 7 2 2 2 3 2 2 2 3 5 0 3 3 3 3																								
	3 4 0 4 6 0 2 9 8 0 3 8 8 9 8 0 8 9 9 0 1 0 0 0 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
0.25 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males (cont...)

Hematopoietic Cell Proliferation																									
Infarct																									
Inflammation, Chronic Active			1			1			1				1	1		1		1	2		1		1		
Mixed Cell Focus								X										X							
Necrosis			3	1		2					1								2	3					
Pigmentation, Hemosiderin					1								1												
Tension Lipidosis				4		1	1											1							
Vacuolization Cytoplasmic				2		1																			
Hepatocyte, Hypertrophy					1																				
Oval Cell, Hyperplasia				2																					
Mesentery							+									+					+			+	
Necrosis																					4				
Fat, Necrosis						1									3									3	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																								1	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation	1				2	2									2			2							
Necrosis															2										
Ulcer					2													2							
Epithelium, Hyperplasia	1	2		1	2	1			1	1		3					2					1			
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia																									
Metaplasia, Squamous																									

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

	DAY ON TEST																									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	
	5	6	7	6	4	7	5	7	7	7	6	7	6	7	7	7	7	7	7	6	6	7	7	7		
	3	8	3	3	3	3	8	2	2	3	7	2	2	2	2	3	2	2	2	3	5	0	3	3		
	3	4	0	4	6	0	2	9	8	0	3	8	8	9	8	0	8	9	9	0	1	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.25 G/KG	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7			
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Tooth	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dysplasia	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Peridontal Tissue, Inflammation																							
Pulp, Inflammation																							

CARDIOVASCULAR SYSTEM

Blood Vessel																								
Mineralization																								
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cardiomyopathy																								
Fibrosis																								
Inflammation																								
Mineralization																								
Necrosis																								
Vein, Venule, Thrombosis																								

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypertrophy																							
Subcapsular, Hyperplasia	1	2	2	1	1	1	1	2	1	1	2	1	1	2	4	3	2	2	2	2	1	2	1
Zona Fasciculata, Atrophy																							
Zona Fasciculata, Hyperplasia																							

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 beta-Myrcene
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	DAY ON TEST																									males (cont...)	
	0 5 3 3	0 6 8 4	0 7 3 0	0 6 3 4	0 4 3 6	0 7 3 0	0 5 8 2	0 7 2 9	0 7 2 8	0 7 3 0	0 7 7 6	0 7 2 8	0 7 2 8	0 7 2 9	0 7 3 0	0 7 2 8	0 7 2 9	0 7 2 9	0 7 3 0	0 6 5 1	0 6 0 0	0 7 3 0	0 7 3 0	0 7 3 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	
0.25 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		

Adrenal Medulla Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland Pars Distalis, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thyroid Gland Follicle, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Follicle, Degeneration					1																					
Follicular Cell, Hyperplasia					4																					
Follicular Cell, Hypertrophy													3													
																										1
																										2

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland Ectasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation					3																					
																										3
																										2
																										3

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DAY ON TEST	0 0																								
	5 6 7 6 4 7 5 7 7 7 6 7 6 7 7 7 7 7 7 6 6 7 7 7 7																								
B6C3F1 MICE MALE 0.25 G/KG	3 8 3 3 3 3 8 2 2 3 7 2 2 2 3 2 2 2 3 5 0 3 3 3 3																								
	3 4 0 4 6 0 2 9 8 0 3 8 8 9 8 0 8 9 9 0 1 0 0 0 0																								
ANIMAL ID	0 0																								
	0 0																								
5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7																									
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																									

males
(cont...)

Prostate	+ +																								
Hyperplasia																									
Inflammation	1 1 1 1 3 1																								
Seminal Vesicle	+ +																								
Testes	+ +																								
Germinal Epithelium, Degeneration																									

HEMATOPOIETIC SYSTEM

Bone Marrow	+ +																								
Necrosis, Focal																									
Pigmentation																									
Myeloid Cell, Hyperplasia	2																								
Lymph Node, Mandibular	+ +																								
Atrophy	1 1 1 1 1																								
Hyperplasia, Lymphoid	2																								
Infiltration Cellular, Plasma Cell	2																								
Lymph Node, Mesenteric	+ +																								
Atrophy	2 1 1 1 1 3 2 2																								
Hyperplasia, Lymphoid																									
Infiltration Cellular, Plasma Cell	2 1																								
Spleen	+ +																								

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 Lab: BAT

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

B6C3F1 MICE MALE
0.25 G/KG

males
(cont...)

Hematopoietic Cell Proliferation	3	1	1	1	1	3	3	2	1	1	1	3			1	2	2	3	2	4	2		1	1	
Pigmentation, Hemosiderin				1																					
Lymphoid Follicle, Atrophy	2						1					2						2							
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy	4	1	1	4	2	4		1	2	2	4	2	3	1	4		3	2	3	3	4	3	1	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
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Mast Cell, Focal Ulcer																								

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteoporosis																								
Skeletal Muscle																								
Inflammation																								

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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DAY ON TEST	0 0																								
	5 6 7 6 4 7 5 7 7 7 6 7 6 7 7 7 7 7 7 6 6 7 7 7 7																								
ANIMAL ID	3 8 3 3 3 3 8 2 2 3 7 2 2 2 3 2 2 2 3 5 0 3 3 3 3																								
	3 4 0 4 6 0 2 9 8 0 3 8 8 9 8 0 8 9 9 0 1 0 0 0 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
0.25 G/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males
(cont...)

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																					1			
Alveolar Epithelium, Hyperplasia	1		1									3												
Alveolus, Infiltration Cellular, Histiocyte	1		1								2	2				4		1	2					
Arteriole, Degeneration																						1		
Bronchiole, Hyperplasia																			2					
Glands, Inflammation																								2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation																								
Glands, Dilatation							2							2							1			
Olfactory Epithelium, Degeneration											2			1	1	1					1			
Olfactory Epithelium, Metaplasia, Respiratory																								
Respiratory Epithelium, Hyperplasia																								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cornea, Hyperplasia, Squamous																								
Cornea, Inflammation																								
Lens, Cataract											2											4		
Optic Nerve, Fibrosis																								

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Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

	DAY ON TEST																									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	
	5	6	7	6	4	7	5	7	7	7	6	7	6	7	7	7	7	7	6	6	7	7	7	0		
	3	8	3	3	3	3	8	2	2	3	7	2	2	2	2	3	2	2	2	3	5	0	3	3		
	3	4	0	4	6	0	2	9	8	0	3	8	8	9	8	0	8	9	9	0	1	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0.25 G/KG	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Retina, Degeneration	2										1														
Harderian Gland	+ +																								
Fibrosis																									
Hyperplasia	4										2														

URINARY SYSTEM

Kidney	+ +																								
Infarct	2										3														
Mineralization	1	1	1	1		1	1	1		1		1	1	1		1	1		1	1		1	1		
Nephropathy	3	1	1	2	1	3		1	1	1	2	2	1	1	2	2		1	1	2		1	1	1	
Cortex, Cyst											1														
Cortex, Inflammation											3														
Papilla, Inflammation											2														
Papilla, Necrosis											1														
Renal Tubule, Hyperplasia	2					1					1					1									
Renal Tubule, Pigmentation, Hemosiderin											4														
Renal Tubule, Vacuolization Cytoplasmic	1	1	2	1		1	2	2	1	2	1	1	2	1	1		1	1	1		1	1	1		
Urinary Bladder	+ +																								

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 M .. Missing tissue
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 25

TDMS No. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

	DAY ON TEST																								* TOTALS	
	0635	0636	0637	0638	0639	0640	0641	0642	0643	0644	0645	0646	0647	0648	0649	0650	0651	0652	0653	0654	0655	0656	0657	0658		0659
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
0.25 G/KG	0	0	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	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	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	
Hematopoietic Cell Proliferation	1	1																								2 1.0
Infarct																										2 4.0
Inflammation, Chronic Active	1	1	1	1			1																			24 1.1
Mixed Cell Focus																										3
Necrosis				1																						10 1.8
Pigmentation, Hemosiderin																										4 1.3
Tension Lipidosis																										5 1.6
Vacuolization Cytoplasmic																										3 2.0
Hepatocyte, Hypertrophy																										2 1.5
Oval Cell, Hyperplasia																										3 2.3
Mesentery	+																									7
Necrosis																										1 4.0
Fat, Necrosis																										5 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy																										1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation																										9 1.8
Necrosis																										1 2.0
Ulcer																										4 1.8
Epithelium, Hyperplasia																										17 1.6
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia																										1 1.0
Metaplasia, Squamous																										1 1.0

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BLANK .. Not examined microscopically
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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
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 Lab: BAT

DAY ON TEST	0																								* TOTALS
	6	6	7	7	7	7	5	7	7	7	7	5	7	7	7	7	7	7	7	6	7	7	7		
ANIMAL ID	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	
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		
0.25 G/KG	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8		

Tooth	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33
Dysplasia	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	31
Peridontal Tissue, Inflammation					3																			1 3.0
Pulp, Inflammation	2																				1	1		3 1.3

CARDIOVASCULAR SYSTEM

Blood Vessel Mineralization																								2	1 1.0
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cardiomyopathy	1		2	1									1	1		1	1	1				1		12 1.1	
Fibrosis																2								1 2.0	
Inflammation																								1 2.0	
Mineralization	1																							1 1.0	
Necrosis																2								1 2.0	
Vein, Venule, Thrombosis																								1 1.0	

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hypertrophy																3								4 1.5
Subcapsular, Hyperplasia	1	1	4	2	2	2	2	2	2	1	2	1		2	3	2	1	2	2	1	1	2	2	47 1.7
Zona Fasciculata, Atrophy			3																					1 3.0
Zona Fasciculata, Hyperplasia									1															1 1.0

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

	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 MALE	6	6	7	7	7	7	5	7	7	7	7	5	7	7	7	7	7	7	7	7	6	7	7	7	
0.25 G/KG	3	7	0	2	2	2	0	2	2	2	3	0	3	2	2	2	2	2	2	3	1	2	2	3	
	5	3	6	9	9	9	3	8	8	9	0	3	0	9	9	8	8	9	9	8	0	1	9	8	0
	ANIMAL ID																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia									1															2 1.0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia	1		1		1		1	1		1	1	3	4		1		1	1		1		1	1	36 1.3	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	47	
Pituitary Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Hyperplasia																3								1 3.0	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Follicle, Cyst			1						1															3 1.0	
Follicle, Degeneration																								1 4.0	
Follicular Cell, Hyperplasia		1								3														4 2.3	
Follicular Cell, Hypertrophy																								1 1.0	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Ectasia					2																2			5 2.4
Inflammation																								3 2.7

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 Species/Strain: MICE/B6C3F1

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beta-Myrcene
 CAS Number: 123-35-3

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

Prostate	+ +																								50	
Hyperplasia																									2	2 2.0
Inflammation	1 1 1 1 1 1																								1 1	15 1.1
Seminal Vesicle	+ +																								50	
Testes	+ +																								50	
Germinal Epithelium, Degeneration	2 2																									2 2.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+ +																								50	
Necrosis, Focal																									2	1 2.0
Pigmentation																										2 2.0
Myeloid Cell, Hyperplasia	2 2																									3 2.0
Lymph Node, Mandibular	+ +																								50	
Atrophy	1 1 1 1 2																									6 1.2
Hyperplasia, Lymphoid	2 2 1																									3 1.7
Infiltration Cellular, Plasma Cell	2 2																									3 2.0
Lymph Node, Mesenteric	+ +																								50	
Atrophy	1 1 4 1																									12 1.7
Hyperplasia, Lymphoid																										2 1.5
Infiltration Cellular, Plasma Cell																										1 2.0
Spleen	+ +																								50	

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

Hematopoietic Cell Proliferation	4	3	2	2	1	1	2	2	3	3	1	3	1	1	4	2	2	1	1	2	1	1	1	43	1.9	
Pigmentation, Hemosiderin																								1	1.0	
Lymphoid Follicle, Atrophy	4																							5	2.2	
Thymus	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Atrophy		4			1	3	1	3		4	1		4	1	1	4		4		1	2	1	1	1	40	2.3

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	0	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Mast Cell, Focal																									1	3.0
Ulcer																									2	3.5

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Osteoporosis																									1	3.0
Skeletal Muscle																									2	
Inflammation																									1	2.0

NERVOUS SYSTEM

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

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TDMS No. 99023 - 04
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
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DAY ON TEST	0																								* TOTALS
	6	6	7	7	7	7	5	7	7	7	7	5	7	7	7	7	7	7	7	7	6	7	7	7	
ANIMAL ID	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	
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	
0.25 G/KG	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic Active																								1 1.0
Alveolar Epithelium, Hyperplasia				3							2	2					2	2						8 2.0
Alveolus, Infiltration Cellular, Histiocyte				1												2								9 1.8
Arteriole, Degeneration																								1 1.0
Bronchiole, Hyperplasia												2												2 2.0
Glands, Inflammation																					1			2 1.5
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation	2											2												2 2.0
Glands, Dilatation																								3 1.7
Olfactory Epithelium, Degeneration																								5 1.2
Olfactory Epithelium, Metaplasia, Respiratory				2														2						2 2.0
Respiratory Epithelium, Hyperplasia																								1 2.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cornea, Hyperplasia, Squamous				2								2												2 2.0
Cornea, Inflammation							2					2												2 2.0
Lens, Cataract																								2 3.0
Optic Nerve, Fibrosis																	2							1 2.0

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 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

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

Retina, Degeneration																									2 1.5
Harderian Gland	+ +																								50
Fibrosis	3																								1 3.0
Hyperplasia	2																								3 2.7

URINARY SYSTEM

Kidney	+ +																								50
Infarct	1 1																								6 1.7
Mineralization	1 1																								31 1.0
Nephropathy	2 3 2 1 2 2 1 2 3 3 1 1 1 1 2 1 2 2 1 3 1 1 1 1																								44 1.6
Cortex, Cyst	1 2 2																								6 1.3
Cortex, Inflammation	1 1																								2 3.0
Papilla, Inflammation	1 1																								2 2.5
Papilla, Necrosis	1 1																								1 1.0
Renal Tubule, Hyperplasia	1 1																								16 1.1
Renal Tubule, Pigmentation, Hemosiderin	4 2 1 1 2 1 1 1 1 2 2 2 1 1 1 1 1 1 2 2 2 1 1 1																								2 4.0
Renal Tubule, Vacuolization Cytoplasmic	2 1 1 2 1 1 1 1 2 2 2 1 1 1 1 1 1 1 2 2 2 1 1 1																								41 1.3
Urinary Bladder	+ +																								50

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 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

DAY ON TEST	0 0																								
	5 5 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 5 7 7 6 7 7																								
ANIMAL ID	8 8 2 2 2 3 2 3 3 3 2 2 3 3 3 3 2 2 2 8 2 2 6 3 3																								
	7 0 9 8 8 7 8 0 0 0 9 9 0 0 0 0 0 0 9 9 8 3 9 9 0 0																								
B6C3F1 MICE MALE 0.5 G/KG	0 0																								
	0 0																								
	1 1																								
	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																								

males
(cont...)

ALIMENTARY SYSTEM

Esophagus Inflammation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Edema	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Peyer's Patch, Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Amyloid Deposition	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis																									
Basophilic Focus																									
Clear Cell Focus	X		X	X				X			X	X	X		X	X		X	X	X	X				
Degeneration, Cystic																									

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 + .. Tissue examined microscopically
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 I .. Insufficient tissue
 M .. Missing tissue
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 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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beta-Myrcene

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Lab: BAT

DAY ON TEST	0 0																								
	5 5 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 5 7 7 6 7 7																								
ANIMAL ID	8 8 2 2 2 3 2 3 3 3 2 2 3 3 3 3 2 2 2 8 2 2 6 3 3																								
	7 0 9 8 8 7 8 0 0 0 9 9 0 0 0 0 9 9 8 3 9 9 0 0 0																								
B6C3F1 MICE MALE 0.5 G/KG	0 0																								
	0 0																								
	1 1																								
	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...)																								
Eosinophilic Focus			X	X			X	X	X		X			X	X	X			X	X		X	X		
Fatty Change	3		1							1				2						1					2
Hematopoietic Cell Proliferation																									
Inflammation, Chronic Active				1		1		1	1			1	1	1		1			1			1		1	1
Mineralization																							1		
Mixed Cell Focus	X													X					X						
Necrosis	2										2		2	1		1							3	2	
Tension Lipidosis									2												1				
Vacuolization Cytoplasmic	2																								
Hepatocyte, Hypertrophy					1				1	1			2	2	1			2	1		2			1	
Hepatocyte, Pigmentation, Hemosiderin																									
Oval Cell, Hyperplasia																									
Mesentery																									
Fat, Necrosis																									
Pancreas																									
Cytoplasmic Alteration																									
Salivary Glands																									
Inflammation																									
Stomach, Forestomach																									
Inflammation																									
Necrosis																									
Ulcer																									
Epithelium, Hyperplasia																									
Epithelium, Metaplasia																									

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DAY ON TEST	0 0																								
	5 5 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 5 7 7 6 7 7																								
ANIMAL ID	8 8 2 2 2 3 2 3 3 3 2 2 3 3 3 3 2 2 2 8 2 2 6 3 3																								
	7 0 9 8 8 7 8 0 0 0 9 9 0 0 0 0 9 9 8 3 9 9 0 0 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
0.5 G/KG	0	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
	males (cont...)																								

Stomach, Glandular
 Hyperplasia
 Inflammation
 Metaplasia, Squamous
 Necrosis

+ +

Tooth
 Dysplasia
 Pulp, Inflammation

+
 X
 1

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart
 Cardiomyopathy
 Mineralization
 Atrium, Thrombosis

+
 1
 2 2

ENDOCRINE SYSTEM

Adrenal Cortex
 Hypertrophy
 Thrombosis
 Subcapsular, Hyperplasia
 Zona Fasciculata, Hyperplasia

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

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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 5 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 5 7 7 6 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 8 8 2 2 2 3 2 3 3 3 2 2 3 3 3 3 2 2 2 8 2 2 6 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 0 9 8 8 7 8 0 0 0 9 9 0 0 0 0 0 0 9 9 8 3 9 9 0 0 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 |
| 0.5 G/KG | 0 | 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 |

males (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Islets, Pancreatic
Hyperplasia
Infiltration Cellular, Mixed Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 1 | | 2 | | | 1 | | 1 | 1 | | 1 | 2 | 1 | 1 | | | | | 1 | 1 | | 1 | 3 | 1 | 1 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thyroid Gland
C-cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis
Cyst
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | 2 | | | | | | | | | | | | | | | | 2 | | | |
| Preputial Gland
Ectasia
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | 1 | | | | | 2 | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 5 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 5 7 7 6 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 8 8 2 2 2 3 2 3 3 3 2 2 3 3 3 3 2 2 2 8 2 2 6 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 0 9 8 8 7 8 0 0 0 0 0 0 0 0 0 0 0 9 9 8 3 9 0 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
0.5 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atrophy
Inflammation | 1 | | | | | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | | | 1 | 1 | 1 | | 1 | |
| Seminal Vesicle
Atrophy
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes
Germinal Epithelium, Degeneration
Germinal Epithelium, Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow
Atrophy
Myelofibrosis
Pigmentation
Myeloid Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node
Inguinal, Atrophy
Inguinal, Infiltration Cellular, Histiocyte
Mediastinal, Inflammation, Granulomatous | | + | | | | | | | | | | | | | | | | | | | | | + | + |
| Lymph Node, Mandibular
Atrophy
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 5 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 5 7 7 6 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 8 8 2 2 2 3 2 3 3 3 2 2 3 3 3 3 2 2 2 8 2 2 6 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 0 9 8 8 7 8 0 0 0 9 9 0 0 0 0 9 9 8 3 9 9 0 0 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 |
| 0.5 G/KG | 0 | 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 |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Hyperplasia, Lymphoid Inflammation, Granulomatous | | 1 | | | | 3 | | | | | | 2 | | | | | | | | | | 1 | 2 | 2 | |
| Spleen Amyloid Deposition | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | 2 | 3 | 1 | 1 | | 4 | 4 | | | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 4 | 3 | 2 |
| Lymphoid Follicle, Atrophy | | | | | | 4 | | | | | | | | | | 1 | | | 3 | | | | 3 | | |
| Thymus Atrophy | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | 2 | 1 | | 2 | 4 | | 2 | 1 | | 2 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 1 | 4 | 1 | 4 | 4 | 4 | |

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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Edema | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 5 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 5 7 7 6 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 8 8 2 2 2 3 2 3 3 3 2 2 3 3 3 3 2 2 2 8 2 2 6 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 0 9 8 8 7 8 0 0 0 9 9 0 0 0 0 9 9 8 3 9 9 0 0 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
0.5 G/KG | 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 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...)

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Brain | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Vein, Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | + | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Glands, Inflammation | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE
0.5 G/KG | 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 | | |
| | | 5 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | | | |
| | | 8 | 8 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 8 | 2 | 2 | 6 | 3 | 3 | |
| | | 7 | 0 | 9 | 8 | 8 | 7 | 8 | 0 | 0 | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 8 | 3 | 9 | 9 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 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 | | | | | | | | | | | 1 | | | | | | | | | | | 2 | | | |
| Glands, Dilatation | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Olfactory Epithelium, Degeneration | | | | | | | | | | | 1 | 1 | | | | | | | | | | | 1 | 2 | |
| Olfactory Epithelium, Metaplasia,
Respiratory | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | 1 | | | | | | | | | | | 2 | 1 | 1 | 3 | 2 |
| Mineralization | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Nephropathy | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | | |
| Cortex, Cyst | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Inflammation | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | 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
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 BLANK .. Not examined microscopically
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 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 41

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|---|--------------------|
| | 0
5
8
7 | 0
5
8
0 | 0
7
2
9 | 0
7
2
8 | 0
7
2
8 | 0
6
3
7 | 0
7
2
8 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
7
2
9 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
7
2
9 | 0
5
8
3 | 0
7
2
9 | 0
7
2
9 | 0
6
6
0 | 0
7
3
0 | 0
7
3
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 | | |
| 0.5 G/KG | 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 | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Vacuolization Cytoplasmic | | | | 1 | 1 | 1 | | | 1 | | | 1 | | 1 | 1 | 1 | | 1 | 2 | | 1 | | | | | |
| Urinary Bladder Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| | 5 6 4 6 7 6 7 7 7 6 7 7 7 5 7 7 6 7 6 7 7 5 7 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 4 8 5 3 2 9 1 2 3 7 2 2 2 3 2 3 7 0 6 3 3 8 3 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 5 0 7 9 1 6 9 0 9 8 8 1 1 9 0 3 8 7 0 0 6 0 9 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 |
| 0.5 G/KG | 0 | 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 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | | 3 1.3 |
| Gallbladder | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 49 |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Amyloid Deposition | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Basophilic Focus | X | X | | | | X | | | X | | | X | | | | | | | X | | | | | | 6 | |
| Clear Cell Focus | | | | | X | | | | X | | X | | | | | | | | | X | X | | X | X | 21 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 | |

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

| | 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 | | |
| | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | |
| | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 | |
| | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 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 | |
| 0.5 G/KG | 0 | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | X | | X | X | | X | | | X | | | | | | X | | | X | | | | | | | 21 |
| Fatty Change | 1 | 1 | | | | | | | | 2 | | 1 | | 2 | | | | 2 | | | 1 | 1 | 1 | | 3 | 16 1.6 |
| Hematopoietic Cell Proliferation | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | | | 2 1.5 |
| Inflammation, Chronic Active | 1 | | | | 1 | | | 1 | 1 | | 1 | | | | 1 | 1 | | 2 | 1 | 1 | | | | 1 | | 23 1.0 |
| Mineralization | | | | | | | | | | | | | | | | | | 2 | | | | | | | | 2 1.5 |
| Mixed Cell Focus | | | | | | | | | | X | | | | | | | | | | | | X | X | | | 6 |
| Necrosis | 1 | 2 | | | | 3 | | 2 | | | | | 1 | | | | | 3 | | | | | | | | 13 1.9 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | 2 | | | | | 1 | | | | 4 1.5 |
| Vacuolization Cytoplasmic | 2 | | | | | | | | | | | | | | | | | 3 | | | | | | 3 | | 4 2.5 |
| Hepatocyte, Hypertrophy | 2 | | | 1 | | | | | | | | | | | | | | 4 | 2 | | | 1 | | 3 | | 16 1.7 |
| Hepatocyte, Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 1.0 |
| Oval Cell, Hyperplasia | | | 2 | | | | 1 | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | + | | | | | | | | | | | | | | | | | | | | + | 5 | 4 1.8 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cytoplasmic Alteration | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Necrosis | | | 2 | 2 | 2 | | | 2 | 1 | | | | 1 | 1 | | | | 2 | | | 1 | 1 | | | | 13 1.8 |
| Ulcer | | | 2 | 1 | | | | | | | | | | 1 | 1 | | | | | | | | | | | 1 1.0 |
| Epithelium, Hyperplasia | | | 3 | | 2 | | | 2 | 2 | | 1 | | 1 | | | | | 2 | | | 2 | 1 | | 1 | 1 | 7 1.4 |
| Epithelium, Metaplasia | | | 3 | | | | | | | | | | | | | | | | | | | | | | | 16 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 5 6 4 6 7 6 7 7 7 6 7 7 7 5 7 7 6 7 6 7 7 5 7 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
0.5 G/KG | 4 8 5 3 2 9 1 2 3 7 2 2 2 3 2 3 7 0 6 3 3 8 3 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 5 0 7 9 1 6 9 0 9 8 8 1 1 9 0 3 8 7 0 0 6 0 9 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 0 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Necrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Tooth | + | | | | | | | | | | | | | | | | | | | | | | | | 35 | |
| Dysplasia | X | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 |
| Pulp, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Cardiomyopathy | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 13 | 1.1 |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.5 |
| Atrium, Thrombosis | 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hypertrophy | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 10 | 1.3 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Subcapsular, Hyperplasia | 2 2 1 2 2 2 1 1 2 1 1 2 1 3 1 2 1 2 3 2 1 | | | | | | | | | | | | | | | | | | | | | | | | 46 | 1.7 |
| Zona Fasciculata, Hyperplasia | 1 2 | | | | | | | | | | | | | | | | | | | | | | | | 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 45

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 5 6 4 6 7 6 7 7 7 6 7 7 7 5 7 7 6 7 6 7 7 5 7 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 4 8 5 3 2 9 1 2 3 7 2 2 2 3 2 3 7 0 6 3 3 8 3 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 5 0 7 9 1 6 9 0 9 8 8 1 1 9 0 3 8 7 0 0 6 0 9 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.5 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hyperplasia | 2 1 | | | | | | | | | | | | | | | | | | | | | | | | 28 1.3 |
| Infiltration Cellular, Mixed Cell | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Parathyroid Gland | + + + + + + + + + + + + + M + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| C-cell, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Epididymis | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Cyst | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Preputial Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 2.0 |
| Inflammation | 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Prostate | + | | | | | | | | | | | | | | | | | | | | | | | | 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 46

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| 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 |
| | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | |
| | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 | |
| | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 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 | |
| 0.5 G/KG | 0 | 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 | 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 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |
| Inflammation | 1 | 1 | | | | | | | | | 1 | 2 | | | | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | 22 | 1.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Germinal Epithelium, Degeneration | | 2 | | 4 | | | | | | | | | | | | | | | 3 | | | | | | | | 5 | 2.2 |
| Germinal Epithelium, Mineralization | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | | 2 | 1.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 3 | 1.7 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| Inguinal, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Inguinal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Mediastinal, Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 9 | 1.6 | |
| Hyperplasia, Lymphoid | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 5 6 4 6 7 6 7 7 7 6 7 7 7 5 7 7 6 7 6 7 7 5 7 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
0.5 G/KG | 4 8 5 3 2 9 1 2 3 7 2 2 2 3 2 3 7 0 6 3 3 8 3 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 5 0 7 9 1 6 9 0 9 8 8 1 1 9 0 3 8 7 0 0 6 0 9 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.5 G/KG | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | 47 |
| Atrophy | | 4 | 2 | 3 | | | | | 2 | | 1 | | 3 | | | | | | 4 | | | | | | | | 13 2.3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | 1 4.0 |
| Spleen | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Amyloid Deposition | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hematopoietic Cell Proliferation | 2 | | 2 | 2 | 1 | | 4 | 3 | 1 | | 2 | 3 | | 2 | 3 | 2 | 2 | 4 | | 2 | 2 | 1 | | 2 | 2 | | 41 2.2 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Lymphoid Follicle, Atrophy | 2 | 3 | | 2 | | | 4 | | | | | | | | | | 3 | 4 | | | | | | | | | 10 2.9 |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Thymus | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Atrophy | 4 | 4 | 4 | 4 | | 4 | 4 | 3 | 3 | 4 | 1 | 4 | 4 | 4 | 1 | 2 | 2 | 4 | 1 | 4 | 2 | 2 | | 1 | 1 | | 44 2.6 |

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 | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | 3 | | | | | | | | | | 3 | | | | | | | | | | 2 3.0 |
| Ulcer | | | | | | | 4 | | | | | | | | | | 4 | | | | | | | | | | 3 4.0 |
| Subcutaneous Tissue, Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

MUSCULOSKELETAL SYSTEM

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| 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 |
| | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | |
| | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 | |
| | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 | |
| B6C3F1 MICE MALE
0.5 G/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Vein, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hematopoietic Cell Proliferation | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| Alveolar Epithelium, Hyperplasia | | | 2 | | | | 2 | | | | | | | | | | 4 | | | | | | | | | | 2.4 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Glands, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 49

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | 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 | | | | | | | | |
| | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | | | | | | | |
| | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 | | | | | | | |
| | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 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 | 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 | | | | | | | |
| 0.5 G/KG | 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 | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | 1 | | | | | 1 | | | | | | | | | | | 2 | 3 1.3 | | | | |
| Renal Tubule, Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | 1 3.0 | | |
| Renal Tubule, Vacuolization Cytoplasmic | 1 | | | | 1 | | | | | 1 | 1 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | | | | | | 20 1.1 |
| Urinary Bladder Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 49 | 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 51

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|
| | DAY ON TEST | 0
5
0
5 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
7
2
9 | 0
5
4
2 | 0
7
2
9 | 0
7
3
0 | 0
7
2
9 | 0
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9 | | |
| B6C3F1 MICE MALE | ANIMAL ID | 0
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1
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3 | 0
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4 | 0
0
1
7
5 |
| 1.0 G/KG | | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | 1 | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Abscess | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | X | X | X | | X | | X | | X | X | | | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 52

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|--------------------|
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4 | 0
5
0
4 | | |
| 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 | |
| 1.0 G/KG | 0 | 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 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 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 | |
| Fatty Change | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | | | | | 1 | 1 | 2 | 1 | | | 2 | 2 | 1 | 1 | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | 1 | 1 | | | | | | | 1 | 1 | | | 1 | | | 1 | 1 | 1 | | | | 1 | |
| Mineralization | | | 1 | 1 | | | 1 | | | | | | 1 | | 1 | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 2 | 2 | 2 | 1 | 2 | 2 | 2 | | | | | | | | 1 | | 2 | | | | | | | | 2 | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | 1 | | | | | | | 1 | | | | | | |
| Tension Lipidosis | | | | | 1 | | | 1 | | 3 | | | | | | | | | 1 | | | | | | | |
| Vacuolization Cytoplasmic | 3 | 2 | 2 | 2 | 2 | 2 | 2 | | 3 | | | | | | 3 | | 2 | | | | | | 3 | 3 | 3 | |
| Hepatocyte, Hypertrophy | 4 | 4 | 4 | 3 | 2 | 3 | 3 | | 3 | | | 2 | 2 | 2 | | | 2 | 3 | | 2 | 1 | 3 | 2 | 2 | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 2 | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 2 | | 1 | 1 | | 1 | 1 | 2 | 2 | 2 | 2 | | | | | 2 | | | | | | | 2 | 1 | | |
| Necrosis | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | 3 | | | | | 2 | | 2 | 2 | | 2 | | | | | | | | | | | | | 2 | | |
| Epithelium, Hyperplasia | 1 | | 1 | | | | 1 | 3 | 2 | 3 | 3 | 2 | | | 1 | 2 | 3 | | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 5 5 5 5 5 7 5 7 7 7 7 7 3 7 3 7 4 7 7 5 1 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 G/KG | | | | | | | | | | | | | | | | | | | | | | | | | |
| | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | + | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardiomyopathy | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrium, Thrombosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 2 1 2 1 1 2 1 2 2 2 2 1 2 2 1 2 1 2 3 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Zona Fasciculata, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

| 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 | |
|--------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 3 | 7 | 4 | 7 | 7 | 5 | 1 | 5 | 7 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.0 G/KG | 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 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | 1 | | 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | | | | 1 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland Ectasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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beta-Myrcene
 CAS Number: 123-35-3

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 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 5 5 5 5 5 7 5 7 7 7 7 7 3 7 3 7 4 7 7 5 1 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 G/KG | | | | | | | | | | | | | | | | | | | | | | | | | |
| | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Inflammation | 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Testes | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Degeneration | 1 1 1 1 1 2 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Mineralization | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 2 2 2 2 4 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Myelofibrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 1 1 3 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | M + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 2 1 3 1 3 3 4 4 3 2 3 3 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 2 3 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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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 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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 beta-Myrcene
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Date Report Requested: 07/26/2007
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|
| | 5 5 5 5 5 5 5 7 5 7 7 7 7 7 3 7 3 7 4 7 7 5 1 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
1.0 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |

Pigmentation, Hemosiderin
 Lymphoid Follicle, Atrophy

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

Thymus
 Atrophy
 Hyperplasia, Lymphoid
 Infiltration Cellular, Plasma Cell
 Necrosis

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

INTEGUMENTARY SYSTEM

Mammary Gland

M M

Skin
 Sebaceous Gland, Hyperplasia

+ +

MUSCULOSKELETAL SYSTEM

Bone
 Fibrous Osteodystrophy

+
 4

Skeletal Muscle
 Inflammation

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 57

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 5 5 5 5 5 5 7 5 7 7 7 7 3 7 3 7 4 7 7 5 1 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 G/KG | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | |

Brain +

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Abscess | | | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Hyperplasia | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Degeneration | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
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 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 3 | 7 | 4 | 7 | 7 | 5 | 1 | 5 | 7 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 0 | 2 | | |
| 5 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 2 | 9 | 0 | 9 | 8 | 9 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 9 | | |
| B6C3F1 MICE MALE
1.0 G/KG | ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

males
(cont...)

Hyperplasia Inflammation 2

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|--|---|--|--|---|---|---|---|---|---|---|--|--|---|---|--|---|--|---|--|--|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | | | | | | | | | | | 1 | | | | | | 2 | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | | 3 | | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | 1 | 2 | | | | 1 | | | | | 1 | | | | | | | | | | | | | |
| Cortex, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Papilla, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | 2 | 2 | 3 | 2 | 2 | 3 | 4 | | | | | | | | | | | 2 | | | 2 | | | 1 | | | | | 2 | 3 | 1 | | | | | | | | | | | | | |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 I .. Insufficient tissue
 M .. Missing tissue
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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 7 4 7 7 4 3 7 3 6 7 5 7 7 6 7 6 7 3 6 5 5 1 3 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 6 2 2 2 2 3 3 8 2 4 3 2 9 2 2 7 2 3 6 5 5 1 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 5 9 8 2 7 0 1 1 8 2 0 8 1 9 3 3 9 4 1 7 6 3 9 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
1.0 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|---|---|---|--------------|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 2 | 1 | 4 | 8 2.0 | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 4 | 5 2.2 | | | | | | | | | | | | | | | | | |
| Gallbladder | + M + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + + + + + + A + + + + + + + + + + + + + + + A + + A | | | | | | | | | | | | | | | | | | | | | | | | 47 | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + + + + + + A + + + + + + + + + + + + + + + A + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | 1 3.0 | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | 2 2.0 | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + + + + + + A + + + + + + + + + + + + + + + A + + A | | | | | | | | | | | | | | | | | | | | | | | | 47 | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + + + + + + A + + A + + + + A + + + + + + A + + A | | | | | | | | | | | | | | | | | | | | | | | | 45 | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | | | | |
| Abscess | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | X | | X | | 2 | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | X | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 18 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 x .. Lesion present
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 M .. Missing tissue
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0729 | 0730 | 0731 | 0801 | 0802 | 0803 | 0804 | 0805 | 0806 | 0807 | 0808 | 0809 | 0810 | 0811 | 0812 | 0813 | 0814 | 0815 | 0816 | 0817 | 0818 | 0819 | 0820 | 0821 | |
| 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 | |
| 1.0 G/KG | 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 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| Fatty Change | | | | 1 | 2 | | 2 | 1 | 1 | | | 2 | 1 | 1 | | 1 | 1 | | 1 | 1 | | 2 | | 1 | 29 1.4 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Inflammation, Chronic Active | | 1 | | | 1 | | | | | 1 | 1 | | 1 | 1 | | 1 | | | | | | | | 1 | 17 1.0 |
| Mineralization | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | 7 1.0 |
| Mixed Cell Focus | | | | | X | | | | | X | | | | | | | | | X | | | | | | 3 |
| Necrosis | | | | | | | 2 | | | 2 | | 1 | | 2 | | | 1 | | | 3 | 3 | | | | 17 1.9 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Tension Lipidosis | | | | 1 | | | | | 1 | | | | | | | | | | | 1 | | | | | 7 1.3 |
| Vacuolization Cytoplasmic | | | 3 | | | | 3 | 3 | | | 3 | | | | 3 | | | | 4 | 4 | 1 | 2 | | 1 | 23 2.6 |
| Hepatocyte, Hypertrophy | 3 | 2 | 2 | 2 | 2 | | 4 | 1 | 3 | | | 2 | 3 | 2 | | 2 | 4 | 2 | 2 | 4 | 4 | 4 | 2 | 1 | 38 2.6 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Cytoplasmic Alteration | | | | 2 | | | | | | | | | | 1 | | | | | | | | | | | 2 1.5 |
| Inflammation | | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 2.0 |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Duct, Cyst | | | | | 4 | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Inflammation | | | | | 2 | | | 1 | 1 | 2 | 2 | | 2 | | | | | 1 | | 1 | 1 | 2 | | 1 | 23 1.5 |
| Necrosis | | | | | | | | 1 | | 1 | | | 2 | | | | | | 2 | | | | | | 6 1.3 |
| Ulcer | | | | | 2 | | | | | | | | | | | | | | | 2 | | 2 | | | 9 2.1 |
| Epithelium, Hyperplasia | | | | | 2 | | | | 2 | 2 | 2 | | 2 | 1 | | | 2 | | 1 | 2 | 1 | 1 | | 3 | 28 1.9 |

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|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 4 7 7 4 3 7 3 6 7 5 7 7 6 7 6 7 3 6 5 5 1 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 6 2 2 2 2 3 3 8 2 4 3 2 9 2 2 7 2 3 6 5 5 1 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 5 9 8 2 7 0 1 1 8 2 0 8 1 9 3 3 9 4 1 7 6 3 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Tooth | + | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| Dysplasia | X | | | | | | | | | | | | | | | | | | | | | | | | 13 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Atrium, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 43 |
| Zona Fasciculata, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |

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 + .. Tissue examined microscopically
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Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | | 3 |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| | 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 |
| 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 |
| 1.0 G/KG | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 | |
| | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | 3 | | | 1 | | 1 | | 1 | 1 | 1 | 1 | | | | | 1 | | 1 | | | | | | | 18 1.1 |
| Parathyroid Gland | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 47 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | 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 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | 3 | |
| | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 | |
| | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1.0 G/KG | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Inflammation | 1 | | | | | | | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | | | | | 12 1.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Germinal Epithelium, Degeneration | | | | | | 1 | 1 | | | 1 | 1 | | | | | | 2 | 2 | | 2 | 1 | | 1 | 2 | 18 1.3 | |
| Germinal Epithelium, Mineralization | | | | | | | | | | 1 | | | | | | | | | | | | | | 2 | 2 1.5 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | 2 | | | | 3 | | 3 | | | 2 | | | | | | 2 | 2 | 2 | 2 | | | | 18 2.3 | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Pigmentation | | | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 2.0 |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 1 4.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Atrophy | | | 2 | | | | 4 | | 2 | 2 | | 2 | | | 1 | | 4 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 23 2.1 | |
| Lymph Node, Mesenteric | + | + | M | + | + | + | + | + | + | + | M | + | + | + | M | M | + | + | + | + | + | M | + | + | + | 44 |
| Atrophy | | | | | 4 | 2 | 2 | 2 | 3 | 3 | | 2 | | | | | 4 | 2 | | 3 | 3 | | 4 | 2 | 2 | 28 2.6 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | 49 |
| Hematopoietic Cell Proliferation | | 1 | | | | | | | | 1 | 1 | | | 1 | | | 2 | 3 | | | | | | 4 | | 10 1.9 |
| Hyperplasia, Lymphoid | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 64

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 4 7 7 4 3 7 3 6 7 5 7 7 6 7 6 7 3 6 5 5 1 3
2 2 6 2 2 2 2 3 3 8 2 4 3 2 9 2 2 7 2 3 6 5 5 1 0
9 9 5 9 8 2 7 0 1 1 8 2 0 8 1 9 3 3 9 4 1 7 6 3 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
1.0 G/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---------------|
| Pigmentation, Hemosiderin | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.5 |
| Lymphoid Follicle, Atrophy | 4 | | | | | | | | | | | | | | | | | | | | | | | | 4 4 4 4 4 4 4 | 31 3.3 |
| Thymus | + | | | | | | | | | | | | | | | | | | | | | | | | + | 47 |
| Atrophy | 1 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 41 3.0 |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Mammary Gland | M | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Sebaceous Gland, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|--------------|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Fibrous Osteodystrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 4 7 7 4 3 7 3 6 7 5 7 7 6 7 6 7 3 6 5 5 1 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 6 2 2 2 2 3 3 8 2 4 3 2 9 2 2 7 2 3 6 5 5 1 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 5 9 8 2 7 0 1 1 8 2 0 8 1 9 3 3 9 4 1 7 6 3 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |

Brain + 50

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|---|-------|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Abscess | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | | |
| Inflammation, Suppurative | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 3 1.3 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 5 1.8 |
| Alveolus, Infiltration Cellular, Histiocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 3 2.0 |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 3 1.7 |
| Olfactory Epithelium, Degeneration | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | 6 1.2 |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|-------|-------|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 | |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |

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

TDMS No. 99023 - 04
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | |
| | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 |
| | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 |
| B6C3F1 MICE MALE
1.0 G/KG | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Inflammation | 4 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|--|--|---|---|---|--|---|---|---|--|---|--|---|---|---|--|--|--|---|----|--------|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 12 1.3 |
| Nephropathy | 1 | 1 | 2 | 1 | 1 | | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | | 3 | 1 | 2 | | | | 2 | | |
| Cortex, Cyst | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Papilla, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Renal Tubule, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 6 1.2 |
| Renal Tubule, Necrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 18 2.3 |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | A | 49 |

*** 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
 Page 67

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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Muscularis, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | 2 | 2 | 1 | 1 | | | | | 2 | | 2 | 2 | 1 | 1 | | | | | | 1 | 2 | | 3 | 2 | 2 | 2 | 1 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 2 | 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
 Page 68
 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 6 7 7 6 6 7 7 7 7 7 7 4 7 7 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 2 2 2 2 2 2 2 2 2 2 9 2 2 0 2 2 2 2 9 2 2 4 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 8 9 7 7 7 8 8 8 2 7 8 3 2 7 6 8 7 9 8 7 7 8 0 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 G/KG | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 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 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | 2 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | 4 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cytoplasmic Alteration, Focal | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

females (cont...)

Blood Vessel
 Inflammation, Chronic Active
 Mineralization
 Media, Degeneration

+
3

Heart
 Cardiomyopathy
 Inflammation
 Mineralization
 Coronary Artery, Inflammation
 Valve, Thrombosis

+
 1
 2 3

ENDOCRINE SYSTEM

Adrenal Cortex
 Subcapsular, Hyperplasia
 Zona Fasciculata, Hyperplasia

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

Adrenal Medulla
 Hyperplasia

+
 2

Islets, Pancreatic

+ +

Parathyroid Gland
 Hyperplasia
 Infiltration Cellular, Lymphocyte

+ + + + + + + + + + + + + + + M + + + + + + + + + +
 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
 Page 70

TDMS No. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pituitary Gland
Pars Distalis, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Follicle, Cyst | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | 3 | 2 | 3 | 3 | 3 | | 1 | | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 3 | 3 | 4 | 1 | 4 | 2 | 3 | 1 | 2 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Endometrium, Hyperplasia | 3 | 3 | 3 | 4 | 4 | 4 | 2 | 2 | 4 | 1 | 2 | 2 | 1 | 3 | 2 | 4 | 3 | | | 2 | 4 | | 4 | 2 | 4 | 1 |

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 7 7 7 7 7 7 7 7 7 6 7 7 6 6 7 7 7 7 7 4 7 7 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 2 2 2 2 2 2 2 2 2 2 9 2 2 0 2 2 2 2 9 2 2 4 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 8 9 7 7 7 8 8 8 2 7 8 3 2 7 6 8 7 9 8 7 7 8 0 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 G/KG | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 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 Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Myelofibrosis | | 2 | 1 | 2 | | | | | 1 | | | 1 | | | | | | | | | | | | 1 | 1 |
| Myeloid Cell, Hyperplasia | | | | | | | | | 2 | | | | | | | 1 | | | | | | | | | |
| Lymph Node | | | | + | | | | | | | | | | | | | | | | | | | | | + |
| Bronchial, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | 3 | | 3 | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | 2 | | | | | | | | | | | | | | 2 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | 1 | 1 | 1 | | 2 | 1 | 2 | | 4 | 1 | | 3 | 3 | 1 | 1 | | 1 | 1 | | 3 | 1 | 1 | 2 | |
| Hyperplasia, Lymphoid | | | | | | | | | 2 | | | | | | | 2 | | | 2 | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | 1 | | 1 | | 1 | | 2 | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|--|--|--|--|-------|--|--|--|--|---|--|--|--|--|-----|--|--|--|--|---|--|--|--|--|-----|--|--|--|--|
| Lymphoid Follicle, Atrophy | 1 | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Thymus | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 1 2 | | | | | 1 3 1 | | | | | 4 | | | | | 1 2 | | | | | 1 | | | | | 4 1 | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Joint, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tibia, Osteosclerosis | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Brain | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Vein, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

females
(cont...)

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serosa, Fibrosis, Focal | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Synechia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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TDMS No. 99023 - 04
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 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 | | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 4 | 2 | |
| | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 | 8 | 2 | 7 | 8 | 3 | 2 | 7 | 6 | 8 | 7 | 9 | 8 | 7 | 7 | 8 | 0 | 7 | |
| 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 G/KG | 0 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nephropathy | 1 | 2 | 1 | 1 | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | 1 |
| Cortex, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Papilla, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
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 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.0 |
| Muscularis, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Gallbladder | + + + + + + + + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| Intestine Large, Cecum | + + + + + + + + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Intestine Small, Duodenum | + + + + + + + + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Intestine Small, Ileum | + + + + + + + + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | 4 |
| Fatty Change | 2 1 X 1 3 1 2 1 1 1 3 1 | | | | | | | | | | | | | | | | | | | | | | | | | 29 1.6 |
| Hematopoietic Cell Proliferation | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 6 1.2 |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 43 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|----|
| | 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 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | | 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | * 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 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 G/KG | 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 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Cytoplasmic Alteration, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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beta-Myrcene

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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|
| | 7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 6 6 7 7 7 7 7 4 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 2 2 2 2 2 2 2 2 2 2 2 6 2 4 8 2 2 2 2 2 8 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 9 7 8 7 7 8 7 1 9 9 8 8 4 7 3 9 8 7 7 7 9 9 5 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 G/KG | 0 | 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 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Media, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | 7 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Coronary Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Valve, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Subcapsular, Hyperplasia | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 50 2.8 |
| Zona Fasciculata, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | 47 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 8 | 8 |
| | 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 |
| | 8 | 9 | 7 | 8 | 7 | 7 | 8 | 7 | 1 | 9 | 9 | 8 | 8 | 4 | 7 | 3 | 9 | 8 | 7 | 7 | 7 | 9 | 9 | 5 | 8 | | |
| 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 G/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 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 | 0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Hyperplasia | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Follicle, Cyst | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | | | | 2 1.5 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 |
| Atrophy | 2 | 3 | 1 | 4 | 3 | | 3 | 1 | 2 | 3 | 3 | | 4 | 3 | 2 | 4 | 2 | 3 | 3 | 2 | 1 | 3 | 1 | | | | 43 2.6 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 1 4.0 |
| Follicle, Cyst | | | | | | 2 | | | | | | | | | 2 | | | | | | | | | | | 2 | | 5 2.2 |
| Germinal Epithelium, Cyst | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | 1 2.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Endometrium, Hyperplasia | 2 | 2 | 4 | | 2 | | | 4 | 4 | 4 | 3 | 4 | 2 | | 3 | 1 | | 4 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 2 | 43 2.9 | |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Myelofibrosis | | | | 1 | 1 | | | | | 2 | 2 | | 2 | 1 | | | 1 | 2 | | | 1 | | | | | | 16 | 1.4 | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | |
| Lymph Node | | + | | | | | + | | | | | | | + | | | | | | | | | | + | | + | 7 | | |
| Bronchial, Hyperplasia, Lymphoid | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 1 | 3.0 | |
| Inguinal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Renal, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | | |
| Renal, Ectasia | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Renal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Atrophy | | | | | | | | | 1 | | | | | 1 | 2 | | | | | | | | | | | | 4 | 1.5 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 3 | 3.0 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Atrophy | | | | | | | | | 2 | | | | | | | 2 | 1 | | | | | | | | | 2 | 1 | 9 | 1.8 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Hematopoietic Cell Proliferation | 2 | 3 | 1 | | 1 | 2 | 1 | 2 | | 2 | 2 | 1 | 2 | | 2 | | 4 | 1 | 2 | 1 | 1 | 2 | 2 | 3 | 1 | 39 | 1.7 | | |
| Hyperplasia, Lymphoid | | | 2 | | | | | | | | | | 3 | | | | | 3 | | | | | | | | | 6 | 2.3 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 9 | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| 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 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 4 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 2 |
| | 8 | 9 | 7 | 8 | 7 | 7 | 8 | 7 | 1 | 9 | 9 | 8 | 8 | 4 | 7 | 3 | 9 | 8 | 7 | 7 | 7 | 9 | 9 | 5 | 8 |
| B6C3F1 MICE FEMALE
0 G/KG | 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 |
| | | 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 | 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 | |

Lymphoid Follicle, Atrophy 3 2 4 2.0

Thymus + + + + + + + + I + + + + + + + + + + + + + + + + + + 49
 Amyloid Deposition 2 1 2.0
 Atrophy 1 1 2 3 1 4 4 1 1 1 4 2 2.0
 Infiltration Cellular, Plasma Cell 2 1 2.0

INTEGUMENTARY SYSTEM

Mammary Gland + 50
 Skin + 50
 Subcutaneous Tissue, Fibrosis 2 1 2.0

MUSCULOSKELETAL SYSTEM

Bone + 50
 Joint, Degeneration 1 2.0
 Tibia, Osteosclerosis 1 2.0

NERVOUS SYSTEM

Brain + 50
 Vein, Infiltration Cellular, Lymphocyte 2 1 2.0

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 1 | 2 | 1 | | | | | | | | | 4 | 1.3 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1.4 |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Serosa, Fibrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Olfactory Epithelium, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Synechia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

URINARY SYSTEM

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 6 6 7 7 7 7 7 7 4 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 6 2 4 8 2 2 2 2 2 2 8 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 9 7 8 7 7 8 7 1 9 9 8 8 4 7 3 9 8 7 7 7 9 9 5 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 G/KG | 0 | 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 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|--------|-------|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 1.8 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Mineralization | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 10 1.5 | | |
| Nephropathy | | 1 | | 1 | 1 | | 1 | 1 | 1 | | | | 1 | | | | | | | | | | | | | 1 | 20 1.1 | | |
| Cortex, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 3.0 | |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Papilla, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 2.0 |
| Papilla, Necrosis | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 2.0 |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 3.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum Serosa, Fibrosis | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Eosinophilic Focus | | | | | X | | | X | | | | | | | | | | | | | | | | | |
| Fatty Change | 1 | 2 | 1 | 1 | 1 | 1 | | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | 2 | | 1 | 1 | 1 | 3 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | 2 | | | | |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 |
| | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 |
| | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 | 9 | 6 |
| 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 |
| 0.25 G/KG | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Mixed Cell Focus | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | | 3 | | 1 | 1 | | | | |
| Necrosis | | X | | | | | | | | | | | | | | | 2 | 1 | | | | | | |
| Regeneration | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic Bile Duct, Hyperplasia | 2 | 2 | | | | | | | | | 2 | 4 | | | | | | | 2 | 1 | | | | |
| Mesentery Fat, Necrosis | + | | | + | + | + | + | + | + | | | | | | | | | | + | + | | | | + |
| Pancreas Atrophy Acinus, Cytoplasmic Alteration, Focal | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach Inflammation Ulcer Epithelium, Hyperplasia | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | | | | | | | | | | 2 | 1 | | | 2 | | | | | | | | | |
| | | | | | | | | | | | 2 | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | 2 | 2 | | | 2 | | | | 1 | 1 | 1 | 1 | 2 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tooth Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 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
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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| | 0717 | 0718 | 0719 | 0720 | 0721 | 0722 | 0723 | 0724 | 0725 | 0726 | 0727 | 0728 | 0729 | 0730 | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | |
| 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 | |
| 0.25 G/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Blood Vessel Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 | | | | | | | | | | | | | | | | | | | | | |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cardiomyopathy Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epicardium, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Valve, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Capsule, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capsule, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 |
| Zona Fasciculata, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. 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
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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 |
| | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 |
| | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 | 9 | 6 |
| 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 |
| | 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 |
| 0.25 G/KG | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | M | + | + | M | M | M | + | M | + |
| Pituitary Gland Pars Distalis, Hyperplasia Pars Nervosa, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thyroid Gland Inflammation Follicle, Cyst Follicular Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary Angiectasis Atrophy Inflammation, Granulomatous Corpus Luteum, Cyst Follicle, Cyst Germinal Epithelium, Cyst Periovarian Tissue, Cyst Rete Ovarii, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 4 | 3 | | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 2 | 4 | 2 | 3 | 3 | 3 | 2 | |
| | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |

* .. 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

TDMS No. 99023 - 04
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 6 7 7 7 7 7 5 7 7 7 7 5 7 7 7 7 7 7 5 5 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 3 2 2 2 1 2 9 2 2 1 2 9 2 2 2 2 2 2 0 3 2 2 2 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 1 9 9 9 6 8 4 8 8 6 7 4 8 9 9 7 9 8 3 2 8 7 9 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 |
| 0.25 G/KG | 0 | 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 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | 0717 | 0718 | 0719 | 0720 | 0721 | 0722 | 0723 | 0724 | 0725 | 0726 | 0727 | 0728 | 0729 | 0730 | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | |
| 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 | |
| 0.25 G/KG | 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 | 00251 | 00252 | 00253 | 00254 | 00255 | 00256 | 00257 | 00258 | 00259 | 00260 | 00261 | 00262 | 00263 | 00264 | 00265 | 00266 | 00267 | 00268 | 00269 | 00270 | 00271 | 00272 | 00273 | 00274 | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus Atrophy Infiltration Cellular, Plasma Cell Inflammation | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| | 4 | | | 2 | | 4 | | 4 | 1 | | | 4 | | | | | | | | | 4 | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin Hair Follicle, Inflammation, Diffuse Subcutaneous Tissue, Fibrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain Medulla, Demyelination, Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | + |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

females
(cont...)

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|---|--|--|---|--|--|---|--|--|---|---|--|--|--|---|--|--|--|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | 1 | | | | | | | |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Olfactory Epithelium, Degeneration | | | | | | | | | | | | | | 1 | | | 1 | | | 1 | | | | | | | | |
| Olfactory Epithelium, Metaplasia, Respiratory | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | | | | | | | | | | | | | | | | | | + | | + | | + | | + | | + | | + | | + | | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |

URINARY SYSTEM

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|----------------------|-----------------------|
| | 0
7
1
7 | 0
6
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
1
9 | 0
7
2
6 | 0
7
1
8 | 0
5
2
4 | 0
7
2
8 | 0
7
2
8 | 0
7
1
6 | 0
7
2
7 | 0
5
2
4 | 0
7
2
8 | 0
7
2
9 | 0
7
2
7 | 0
7
2
9 | 0
5
2
8 | 0
5
3
2 | 0
7
2
8 | 0
7
2
7 | 0
7
2
2 | 0
7
2
0 | 0
7
2
6 | | | |
| 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 | |
| 0.25 G/KG | 0 | 0 | 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 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 1 1 |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 1 1 1 1 2 2 1 1 1 |
| Cortex, Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1 |
| Papilla, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 91

TDMS No. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

| 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 | 6 | 7 | 1 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 2 | 2 | 2 | 0 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 5 | 2 | 2 | 2 | 9 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 8 | 9 | 8 | 9 | 9 | 7 | 9 | 8 | 8 | 8 | 3 | 9 | 4 | 7 | 8 | 8 | 8 | 3 | 7 | 8 | 7 | 7 | 8 | 7 | 7 |
| 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 |
| 0.25 G/KG | 0 | 0 | 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 | 3 |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------|
| Esophagus Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Duodenum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Jejunum Serosa, Fibrosis | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Basophilic Focus | | | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eosinophilic Focus | | | | | | | | | X | | | | | | X | | | | | | | | | | X | | | 5 |
| Fatty Change | 2 | | 1 | | 2 | | 1 | 2 | 1 | 1 | | 1 | | | | 2 | 1 | 2 | 1 | | 2 | | 1 | | 2 | | | 35 1.4 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|
| | 0727 | 0728 | 0729 | 0706 | 0707 | 0708 | 0709 | 0710 | 0711 | 0712 | 0713 | 0714 | 0715 | 0716 | 0717 | 0718 | 0719 | 0720 | 0721 | 0722 | 0723 | 0724 | 0725 | 0726 | | |
| 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 | | |
| 0.25 G/KG | 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 | 002276 | 002277 | 002278 | 002279 | 002280 | 002281 | 002282 | 002283 | 002284 | 002285 | 002286 | 002287 | 002288 | 002289 | 002290 | 002291 | 002292 | 002293 | 002294 | 002295 | 002296 | 002297 | 002298 | 002299 | | |
| Infiltration Cellular, Lymphocyte | | | | | | 2 | 2 | | | 2 | | | | | | | | | | | | 3 | | | 4 2.3 | |
| Inflammation, Chronic Active | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 2 | 1 1 | 35 1.1 |
| Mixed Cell Focus | | | | | | | | X | | | | | | | | | | | | | X | | X | | | 4 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Regeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | 1 | | 1 | 1 | | | | | | | | 3 1.0 |
| Vacuolization Cytoplasmic | | | | | | | | | 2 | | | | 1 | | | 1 | | 1 | 1 | | | | | | | 11 1.7 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Fat, Necrosis | | + | | | + | | + | | + | + | | | | | + | + | + | | | | + | | | | | 15 2.6 |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Acinus, Cytoplasmic Alteration, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Inflammation | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 5 1.4 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Epithelium, Hyperplasia | | | | | | | 1 | | 2 | | | | | | | | | | | | | | | | | 10 1.5 |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Dysplasia | | | | | | | | | | | | | X | | | | | | | | | | X | | | 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:
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TDMS No. 99023 - 04
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 7 7 7 6 7 1 7 7 7 7 7 4 7 4 7 7 7 6 5 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 2 0 2 3 2 2 2 2 2 2 0 5 2 2 2 9 3 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 8 9 8 9 9 7 9 8 8 8 3 9 4 7 8 8 8 3 7 8 7 7 8 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 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 |
| 0.25 G/KG | 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 | 3 |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Blood Vessel Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3.0 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Epicardium, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Valve, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Capsule, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Capsule, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Subcapsular, Hyperplasia | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 50 | | |
| Zona Fasciculata, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0727 | 0728 | 0729 | 0730 | 0731 | 0801 | 0802 | 0803 | 0804 | 0805 | 0806 | 0807 | 0808 | 0809 | 0810 | 0811 | 0812 | 0813 | 0814 | 0815 | 0816 | 0817 | 0818 | 0819 | |
| 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 | |
| 0.25 G/KG | 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 | 0 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 5 | 2 | 2 | 2 | 9 | 3 | 2 | 2 | 2 | 2 | 2 | |
| | 7 | 8 | 9 | 8 | 9 | 9 | 7 | 9 | 8 | 8 | 8 | 3 | 9 | 4 | 7 | 8 | 8 | 8 | 3 | 7 | 8 | 7 | 7 | 8 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 3 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| Parathyroid Gland Cyst | + | M | + | M | M | + | + | M | + | + | + | M | M | + | + | + | M | M | + | M | + | + | + | + | 34 |
| | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 2.0 |
| Pituitary Gland Pars Distalis, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Nervosa, Inflammation | | | | | | | | | | | | | | | | | | 1 | | | | | | | 2 2.5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Thyroid Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.5 |
| Atrophy | 3 | 3 | 4 | 3 | 4 | | 3 | 3 | 3 | 4 | 3 | 1 | 4 | 1 | 4 | 4 | | | | | 3 | 4 | 4 | 2 | 44 3.2 |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Corpus Luteum, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.5 |
| Germinal Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Periovarian Tissue, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Rete Ovarii, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 7 | 7 | 7 | 6 | 7 | 1 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | |
| ANIMAL ID | 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 | 3 |
| 0.25 G/KG | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|----|-----|
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Endometrium, Hyperplasia | | 1 | 2 | | | | 4 | | | | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | | 1 | 4 | | 4 | 4 | 4 | 33 | 2.3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Myelofibrosis | 1 | 2 | | | | | 2 | | | | | | | | 1 | | | | | | 2 | | | 2 | | 1 | 9 | 1.3 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 | 2.0 |
| Myeloid Cell, Hyperplasia | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Lymph Node | | | | | | | | | | | + | + | + | | + | | | | | | | | | | | | 8 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | | 2 | | | | | | | | | | 1 | | | | | | | | | | | | 8 | 1.3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 2.5 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Atrophy | | | | 4 | | | | | | | | | | 1 | 2 | | | | | | | 1 | | | | | 7 | 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hematopoietic Cell Proliferation | 1 | 1 | | 2 | 2 | 4 | 1 | 2 | 1 | 2 | 1 | 1 | | 3 | 2 | | | 3 | 3 | 2 | 2 | 1 | 1 | 3 | 1 | 39 | 1.8 | |
| Hyperplasia, Lymphoid | | | | | | | | 2 | | | | | | | | | | | | | | | 3 | | | 4 | 2.5 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Pigmentation, Hemosiderin | 1 | | 1 | 1 | | | 2 | | | | 2 | 2 | 1 | | | | 1 | | | | 2 | | | | 1 | 16 | 1.3 | |
| Lymphoid Follicle, Atrophy | | | | | | 4 | | | | | | 3 | 2 | | | | | 1 | 2 | 1 | | | | | | 11 | 2.6 | |

* .. 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 96

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | 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 | 6 | 7 | 1 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | | |
| | 2 | 2 | 2 | 0 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 5 | 2 | 2 | 2 | 9 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| | 7 | 8 | 9 | 8 | 9 | 9 | 7 | 9 | 8 | 8 | 8 | 3 | 9 | 4 | 7 | 8 | 8 | 8 | 3 | 7 | 8 | 7 | 7 | 8 | 7 | |
| 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 | | |
| 0.25 G/KG | 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 | 3 | | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Atrophy | | | | 1 | | | | | 2 | | | 4 | 3 | 4 | | | 2 | 4 | | | | | | | 14 3.1 |
| Infiltration Cellular, Plasma Cell | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hair Follicle, Inflammation, Diffuse | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 2.0 |
| Subcutaneous Tissue, Fibrosis | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Medulla, Demyelination, Focal | | | | | | | | | | | | | | | | | | 2 | | | | | | | 1 2.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | 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
 Page 97

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Suppurative | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Olfactory Epithelium, Degeneration | | | | | | | | | | | | | | | | | | 1 | | | | | | | 5 1.0 |
| Olfactory Epithelium, Metaplasia, Respiratory | | | | | | | | | | | | 2 | | | | | | | | | | | | | 1 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | 4 | | | | | | | | | | | | | | | | | | 2 3.0 |

URINARY SYSTEM

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

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

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | 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 | 6 | 7 | 1 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | 2 | 2 | 2 | 0 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 5 | 2 | 2 | 2 | 9 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 7 | 8 | 9 | 8 | 9 | 9 | 7 | 9 | 8 | 8 | 8 | 3 | 9 | 4 | 7 | 8 | 8 | 8 | 3 | 7 | 8 | 7 | 7 | 8 | 7 | | |
| 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 | | |
| 0.25 G/KG | 0 | 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 | 3 | | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Infarct | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | 4 | 1.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | 2 | 2 | | | | 2 | | | | | | | | | | | | | | 3 | 2.0 |
| Mineralization | | | 1 | | | | | | | | | 1 | | | | | | | | 1 | | | | | | 13 | 1.0 |
| Nephropathy | | | 1 | | | | 1 | 1 | | | | | | | 1 | | | | 1 | 1 | 1 | 1 | | 1 | | 21 | 1.1 |
| Cortex, Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Papilla, Inflammation | | | | | | | | | | | | | | 2 | | | | | 2 | | | | | | | 2 | 2.0 |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | 1.0 |
| Renal Tubule, Necrosis | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 | 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Lymphocyte | | | | | | | 3 | 2 | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Arteriole, Inflammation | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 | 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 99

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

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | 2 | | | | | | | | | | | | | | | | | 3 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Muscularis, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Metaplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Epithelium, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | 2 | | | | | | | | | | | | 2 | | | | | | | | |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X X X | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | X X X | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | X X X X | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | 1 2 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | 1 4 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Crystals | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Hypertrophy | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mesentery | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Granulomatous | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | 2 1 3 2 1 2 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysplasia | X X X | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carotid Artery, Intima, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrium, Thrombosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Coronary Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |

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
 Page 102

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| 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 | | |
| 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | 0 | |
| 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | 2 | 0 | |
| 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | 7 | 8 | 0 |
| B6C3F1 MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.5 G/KG | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 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 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hypertrophy
Subcapsular, Hyperplasia | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | M | M | + | + |
| Pituitary Gland
Pars Distalis, Hyperplasia
Pars Intermedia, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 |
| Thyroid Gland
C-cell, Hyperplasia
Follicle, Cyst
Follicular Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary
Amyloid Deposition | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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 103

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 4 | 4 | 3 | 4 | | 3 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 2 | 3 | | 3 | 3 | 4 | 1 | 4 | 2 | 4 | 3 |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Corpus Luteum, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | |
| Periovarian Tissue, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oviduct | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia | 2 | 3 | 2 | | | 3 | 3 | 2 | 2 | 2 | 3 | 1 | | 3 | | 1 | | 3 | 1 | | | 2 | | 1 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchial, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 104

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| 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 | |
| 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | 0 | |
| 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | 2 | 0 | |
| 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | 7 | 8 | 0 | |

B6C3F1 MICE FEMALE
0.5 G/KG

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| Mammary Gland Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | |
| Mammary Gland Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | |
| Skin Sebaceous Gland, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 105

TDMS No. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | 2 | |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | 7 | 8 |
| 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 |
| | | 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 |
| 0.5 G/KG | | | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cerebellum, Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cerebrum, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hippocampus, Necrosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Vein, Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | 2 | | | | | | | 3 | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Olfactory Epithelium, Degeneration | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Epithelium, Glands, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 106

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| | 6 7 7 7 3 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 4 5 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 6 2 2 2 9 2 2 2 2 2 2 2 2 2 1 2 2 2 2 2 0 4 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 9 9 4 7 7 7 7 9 8 7 7 7 5 7 8 8 8 9 4 9 8 7 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | females
(cont...) |
| 0.5 G/KG | 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 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Ear | + | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Lens, Cataract | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Retinal Detachment | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 3 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | |
| | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | 2 | |
| | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | 7 | 8 | |
| 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 | |
| 0.5 G/KG | 0 | 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 | females |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | (cont...) | |
| | 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 | |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 108

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 7 4 7 7 4 7 5 4 7 2 6 7 7 7 4 7 4 6 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 7 2 2 3 2 6 9 2 9 7 2 2 2 8 2 3 4 2 2 2 2 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 1 7 7 7 8 6 2 8 6 4 8 7 8 8 7 8 0 8 7 7 8 9 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
0.5 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 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 |
| Inflammation | | | 4 | | | | | | | | 1 | | | | | | | | | | | | | | 4 2.5 |
| Necrosis | | | | | | | | | | 1 | | | | | | | | | | | | | | | 2 2.5 |
| Muscularis, Degeneration | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 1.0 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | 3 | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Metaplasia | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Epithelium, Inflammation | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 1.0 |
| Necrosis | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Intestine Small, Duodenum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 3 | | | | | | | | 3 2.3 |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|----------|
| | 0727 | 0742 | 0774 | 0777 | 0774 | 0777 | 0788 | 0786 | 0792 | 0792 | 0797 | 0796 | 0784 | 0788 | 0787 | 0788 | 0787 | 0788 | 0780 | 0788 | 0777 | 0777 | 0788 | 0788 | | |
| 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 | | |
| 0.5 G/KG | 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 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | 3333 | | | |
| | 226 | 278 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | 290 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Clear Cell Focus | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | X | | 6 |
| Fatty Change | | | 3 | | | | 1 | | 1 | | | | | | | | 2 | | 1 | 1 | | | 1 | | 16 1.3 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic Active | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | 1 | | 1 | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 34 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | X | | 6 |
| Necrosis | | | 2 | | | | | | 2 | | | 1 | | | | | | | | | | | | | 3 1.7 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 1.0 |
| Tension Lipidosis | | | 3 | | | | | | | | | | | | | | | | | | | | | | 10 1.3 |
| Vacuolization Cytoplasmic | | | 4 | | | 4 | | | 4 | | | | | | | 4 | | 4 | | | | | | | 8 3.6 |
| Bile Duct, Crystals | | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 |
| Hepatocyte, Hypertrophy | | | 3 | | | | 1 | | | | | | | | | 1 | | | 2 | | 1 | | | | 6 1.5 |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.3 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Duct, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation | 1 1 1 2 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | 8 1.4 |
| Necrosis | 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 |
| Ulcer | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Epithelium, Hyperplasia | 1 1 2 1 2 1 4 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 17 1.8 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Stomach, Glandular | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
|--------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Tooth Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | + | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | X | 4 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|-------|-------|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | + | + | 2 |
| Carotid Artery, Intima, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 1 4.0 |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Cardiomyopathy | 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 4 1.0 | | |
| Fibrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 | |
| Atrium, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Coronary Artery, Inflammation | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 7 | 7 | 4 | 7 | 7 | 4 | 7 | 5 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | 4 | 7 | 4 | 6 | 7 | 7 | 7 | 7 | 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 | 3 | 3 | 3 | 3 | |
| 0.5 G/KG | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|----|-----|---|-----|
| Hypertrophy
Subcapsular, Hyperplasia | 3 | 4 | 1 | 3 | 3 | 3 | 4 | 3 | | 3 | 3 | 4 | 3 | 3 | 4 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 1.0 | 49 | 2.9 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | |
| Parathyroid Gland | + | + | + | + | + | M | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 | | | | | | |
| Pituitary Gland
Pars Distalis, Hyperplasia
Pars Intermedia, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 5 | 1.6 | 1 | 2.0 | | |
| Thyroid Gland
C-cell, Hyperplasia
Follicle, Cyst
Follicular Cell, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 1.0 | 3 | 1.7 | 3 | 1.0 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Ovary
Amyloid Deposition | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 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
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 1-4 .. Lesion qualified as:
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 beta-Myrcene
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 4 7 7 4 7 5 4 7 2 6 7 7 7 4 7 4 6 7 7 7 7 7 6
2 2 7 2 2 3 2 6 9 2 9 7 2 2 2 8 2 3 4 2 2 2 2 2 1
7 7 1 7 7 7 8 6 2 8 6 4 8 7 8 8 7 8 0 8 7 7 8 8 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.5 G/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |
| Atrophy | 4 | 4 | | 4 | 3 | 3 | 3 | 3 | | 2 | 4 | 3 | 3 | 3 | 3 | 4 | 1 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 45 | 3.3 | |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2.0 |
| Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Corpus Luteum, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |
| Follicle, Cyst | 3 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.0 | |
| Follicle, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Germinal Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Germinal Epithelium, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2.0 |
| Periovarian Tissue, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |
| Oviduct | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2.0 |
| Endometrium, Hyperplasia | 3 | 4 | 1 | 3 | 3 | 1 | 1 | 1 | 2 | 2 | 4 | 4 | 28 | 2.3 | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|-----|-----|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 7 | 2.6 |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 4 | 1.5 |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 1 | 2.0 |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | 7 | | | |
| Bronchial, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 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
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 Page 113

TDMS No. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|
| | 7 7 4 7 7 4 7 5 4 7 2 6 7 7 7 4 7 4 6 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 2 7 2 2 3 2 6 9 2 9 7 2 2 2 8 2 3 4 2 2 2 2 2 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 1 7 7 7 8 6 2 8 6 4 8 7 8 8 7 8 0 8 7 7 8 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 | |
| 0.5 G/KG | 0 | 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 | |
| | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----------------|
| Lymph Node, Mandibular Atrophy | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hyperplasia, Lymphoid | | | 1 | | | 1 | | | 2 | 1 | | | | | 2 | | 3 | | | | | | | | | 11 1.5
1 2.0 |
| Lymph Node, Mesenteric Atrophy | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | M | + | I | M | + | + | + | + | + | 44 | |
| | | | 3 | | | | | | 2 | | | | | | | | | | | | | | | | 5 2.0 | |
| Spleen Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | 2 | 1 | | 2 | 3 | | | | 3 | | 3 | | | 2 | | | | | 4 | | | 16 2.3
4 2.5 | |
| Pigmentation, Hemosiderin | | 2 | | 1 | | | | | | | | | | | | | | | | | 4 | | | | 11 1.3 | |
| Lymphoid Follicle, Atrophy | | | 2 | | | | | | 2 | 1 | | | | | 1 | | | 1 | | | | | 1 | | 11 2.9 | |
| Lymphoid Follicle, Hyperplasia | | | 4 | | | 4 | | 2 | 4 | 1 | | | 1 | | 3 | | 3 | 2 | | | | | | | 1 2.0 | |
| Thymus Atrophy | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyperplasia, Atypical | | | 4 | | | 4 | 2 | 3 | | | 3 | 3 | | 2 | | 4 | | 4 | 4 | | | 2 | | 4 | 19 2.9
1 2.0 | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| Mammary Gland Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0
1 2.0 |
| Skin Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Sebaceous Gland, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0
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 114

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| 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 | 7 | 4 | 7 | 7 | 4 | 7 | 5 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | 4 | 7 | 4 | 6 | 7 | 7 | 7 | 6 |
| | | 2 | 2 | 7 | 2 | 2 | 3 | 2 | 6 | 9 | 2 | 9 | 7 | 2 | 2 | 2 | 8 | 2 | 3 | 4 | 2 | 2 | 2 | 1 |
| | | 7 | 7 | 1 | 7 | 7 | 7 | 8 | 6 | 2 | 8 | 6 | 4 | 8 | 7 | 8 | 8 | 7 | 8 | 0 | 8 | 7 | 7 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0.5 G/KG | | 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 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

Bone + **50**

NERVOUS SYSTEM

Brain + **50**

- Cerebellum, Necrosis **1 2.0**
- Cerebrum, Necrosis **1 3.0**
- Hippocampus, Necrosis **1 3.0**
- Vein, Infiltration Cellular, Lymphocyte **1 2.0**

RESPIRATORY SYSTEM

Lung + **50**

- Inflammation, Chronic Active **2 1 2.0**
- Pigmentation, Hemosiderin **1 1.0**
- Alveolar Epithelium, Hyperplasia **2 2.5**
- Alveolus, Infiltration Cellular, Histiocyte **2 3 1 3 2.0**

Nose + **50**

- Olfactory Epithelium, Degeneration **1 1 5 1.0**

Trachea + **50**

- Epithelium, Glands, Cytoplasmic Alteration **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
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 Lab: BAT

| | 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 | 0 | |
| | 7 | 7 | 4 | 7 | 7 | 4 | 7 | 5 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | 4 | 7 | 4 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | |
| | 2 | 2 | 7 | 2 | 2 | 3 | 2 | 6 | 9 | 2 | 9 | 7 | 2 | 2 | 2 | 8 | 2 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 1 | |
| | 7 | 7 | 1 | 7 | 7 | 7 | 8 | 6 | 2 | 8 | 6 | 4 | 8 | 7 | 8 | 8 | 7 | 8 | 0 | 8 | 7 | 7 | 8 | 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 | |
| 0.5 G/KG | 0 | 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 | |
| | 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 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Eye | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Lens, Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.0 |
| Retina, Retinal Detachment | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--------|
| Kidney | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 2.7 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 8 1.4 |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 16 1.4 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 2.5 |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| 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 | |
|--------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----------|
| B6C3F1 MICE FEMALE
0.5 G/KG | 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 | |
| | | 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 | |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | 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

TDMS No. 99023 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007

Time Report Requested: 09:29:40

First Dose M/F: 04/11/02 / 04/10/02

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 7 | 3 | 7 | 5 | 7 | 7 | 4 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 4 | 3 |
| | | 2 | 7 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 6 | 2 | 1 | 6 | 7 |
| | | 7 | 3 | 7 | 8 | 9 | 7 | 9 | 7 | 8 | 8 | 9 | 2 | 4 | 8 | 7 | 9 | 6 | 8 | 7 | 9 | 8 | 8 | 5 | 6 | 0 |
| 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 |
| 1.0 G/KG | | 0 | 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 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | |
| Intestine Large, Colon
Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 1 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A | A | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Basophilic Focus | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Eosinophilic Focus | | | | | | X | | X | | | | | | X | | X | | | X | X | | X | | X | | |
| Fatty Change | | | 1 | | | | | | | | 1 | 1 | | | | | | | 2 | | 1 | | | 1 | 3 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | | | 1 | 1 | 1 | | | 2 | | | 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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------------|
| | 7 6 7 7 7 7 3 7 5 7 7 4 4 7 7 7 6 7 7 6 4 7 7 4 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
1.0 G/KG | 2 7 2 2 2 2 8 2 3 2 2 0 0 2 2 2 5 2 2 5 6 2 1 6 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 3 7 8 9 7 9 7 8 8 9 2 4 8 7 9 6 8 7 9 8 8 5 6 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 G/KG | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 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...) |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|--|
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 1 | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 | X | | | | | 2 | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | 1 | | | 2 | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | 2 | | | | | | | | | | | | | | | | | | | | 3 | | | 4 | 4 | | | | | 4 | 4 | | | | | 3 | 2 | | | | | |
| Hepatocyte, Hypertrophy | 2 | 1 | 1 | 2 | | | | | | | | | | | | | | | | | | | | 1 | 4 | 4 | 1 | 1 | 2 | | | 1 | 1 | 4 | 3 | 1 | | | 3 | 2 | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | | | | | | | | | | | | | |
| Inflammation | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | 2 | | | 2 | 2 | | | | | 1 | 1 | | | | | | |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | 1 | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | | | | | 1 | | | | | |
| Epithelium, Hyperplasia | 2 | | | | 2 | 1 | 1 | 1 | | | | | | | | 2 | | | 3 | 3 | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | | | | | | | | | | | | | |
| Inflammation | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Aorta, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 1 2 |
| Valve, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 4 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | | | A |
| Parathyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | M M M M |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 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:
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 beta-Myrcene
 CAS Number: 123-35-3

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 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 6 7 7 7 7 3 7 5 7 7 4 4 7 7 7 6 7 7 6 4 7 7 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
1.0 G/KG | 2 7 2 2 2 2 8 2 3 2 2 0 0 2 2 2 5 2 2 5 6 2 1 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 3 7 8 9 7 9 7 8 8 9 2 4 8 7 9 6 8 7 9 8 8 5 6 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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...)

GENERAL BODY SYSTEM

Tissue NOS +

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + M + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 2 4 3 4 3 3 2 4 4 4 4 1 4 4 4 4 4 4 4 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rete Ovarii, Cyst | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia | 2 2 2 1 3 1 1 1 2 2 1 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Myelofibrosis | 2 3 1 2 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 6 7 7 7 7 3 7 5 7 7 4 4 7 7 7 6 7 7 6 4 7 7 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 7 2 2 2 2 8 2 3 2 2 0 0 2 2 2 5 2 2 5 6 2 1 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 3 7 8 9 7 9 7 8 8 9 2 4 8 7 9 6 8 7 9 8 8 5 6 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 |
| 1.0 G/KG | 0 | 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 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

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

INTEGUMENTARY SYSTEM

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

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 5 | 7 | 7 | 4 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 4 | 3 |
| | 2 | 7 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 6 | 2 | 1 | 6 | 7 |
| | 7 | 3 | 7 | 8 | 9 | 7 | 9 | 7 | 8 | 8 | 9 | 2 | 4 | 8 | 7 | 9 | 6 | 8 | 7 | 9 | 8 | 8 | 5 | 6 | 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 |
| 1.0 G/KG | 0 | 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 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females
(cont...)

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Lung +
 Hyperplasia, Lymphoid 2
 Inflammation, Chronic Active 1 1 1
 Alveolar Epithelium, Hyperplasia 1 4 3
 Alveolus, Infiltration Cellular, Histiocyte 1
 Bronchiole, Hyperplasia
 Serosa, Inflammation, Suppurative 2

Nose +
 Olfactory Epithelium, Degeneration 1 1 1 1 2

Trachea +

SPECIAL SENSES SYSTEM

Eye + M +
 Harderian Gland + M +

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 5 | 7 | 7 | 4 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 4 | 3 | |
| | 2 | 7 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 6 | 2 | 1 | 6 | 7 | |
| | 7 | 3 | 7 | 8 | 9 | 7 | 9 | 7 | 8 | 8 | 9 | 2 | 4 | 8 | 7 | 9 | 6 | 8 | 7 | 9 | 8 | 8 | 5 | 6 | 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 | 0 | 0 | |
| 1.0 G/KG | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | females (cont...) |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | 3 | + |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | | | | | | | | | | | | | | | 2 | | | | | | 1 | | | |
| Nephropathy | 1 | | 1 | | 1 | 1 | 1 | | 1 | 1 | | | 1 | 1 | | 1 | | | | 1 | 1 | | 1 | | |
| Papilla, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | 4 | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 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 124

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Gallbladder | + A + + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Intestine Large, Cecum | + A + + | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Intestine Large, Colon
Parasite Metazoan | + + + + + + + + + + + + + + A + + + + + + + + + + A + + | | | | | | | | | | | | | | | | | | | | | | | | 47
1 1.0 |
| Intestine Large, Rectum | + A + + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Intestine Small, Duodenum | + + + + + + + + + + A + + A + + + + + + + + + + A + + | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| Intestine Small, Ileum | + + A + A + + | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| Intestine Small, Jejunum | A + A + + + + + A A + + A + + + + + + + + + + A + A | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Fatty Change | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 1 1 1 1 1 1 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | 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
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 1) Minimal 3) Moderate
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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|--------|--|
| | 0
4
3
9 | 0
3
8
7 | 0
4
3
6 | 0
4
3
5 | 0
4
3
6 | 0
4
3
6 | 0
4
3
5 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
5 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | | | |
| 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 | |
| 1.0 G/KG | 0 | 0 | 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 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 7 1.7 | |
| Tension Lipidosis | | | | | | | | 1 | | | | 3 | | | | | | | | | | | | | | 4 1.8 | |
| Vacuolization Cytoplasmic | 4 | 3 | 2 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | | | 3 | | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 30 2.8 | |
| Hepatocyte, Hypertrophy | 4 | | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 40 2.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Inflammation | 1 | | | | 2 | 1 | | 2 | 1 | | 2 | | 2 | 2 | 2 | 1 | | | | 1 | | 1 | | | | 19 1.5 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Necrosis | 1 | | | | | | | | | | | | | | | 1 | | | | | | 2 | | | | 6 1.5 | |
| Ulcer | | | | | 2 | | | 2 | 1 | | | | | | 2 | | | | | 2 | | | | | | 8 1.8 | |
| Epithelium, Hyperplasia | | | | | 1 | | 2 | | | | 1 | 1 | | 2 | 3 | 1 | 2 | | 1 | 1 | 1 | | | 1 | 1 | 24 1.5 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Necrosis | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2 1.0 | |

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| | 4 3 4 4 4 4 4 4 4 4 4 3 4 7 7 4 7 4 4 4 4 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 8 3 3 3 3 3 3 3 3 3 3 7 3 2 2 3 2 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 7 6 5 6 6 5 6 6 6 5 6 6 8 8 6 9 5 5 5 6 5 6 5 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | |
| 1.0 G/KG | 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 | 4 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Aorta, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Cardiomyopathy | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 4 | 1.0 | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3.0 | | |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1.2 |
| Valve, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|----|-----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Subcapsular, Hyperplasia | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | 50 | 2.4 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Parathyroid Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | 44 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | 2 | 3 | 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
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 1-4 .. Lesion qualified as:
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beta-Myrcene
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 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 4 3 4 4 4 4 4 4 4 4 4 4 3 4 7 7 4 7 4 4 4 4 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
1.0 G/KG | 3 8 3 3 3 3 3 3 3 3 3 3 7 3 2 2 3 2 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 9 7 6 5 6 6 5 6 6 6 6 5 6 6 8 8 6 9 5 5 5 6 5 6 5 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

Tissue NOS 1

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Clitoral Gland | + + + + + + + + + + + + + + + + M + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Atrophy | 2 2 1 1 4 1 4 1 3 4 4 4 4 3 2 1 3 3 3 1 3 | | | | | | | | | | | | | | | | | | | | | | | | 43 3.0 |
| Hyperplasia, Tubular | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Germinal Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Rete Ovarii, Cyst | 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Endometrium, Hyperplasia | 2 1 2 1 1 3 1 1 3 | | | | | | | | | | | | | | | | | | | | | | | | 23 1.7 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Atrophy | 3 2 2 3 2 2 3 1 3 3 3 2 2 1 3 3 3 3 3 3 2 3 2 | | | | | | | | | | | | | | | | | | | | | | | | 29 2.6 |
| Myelofibrosis | 2 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:
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 Lab: BAT

| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1.0 G/KG | 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 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 7 | 7 | 4 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 9 | 7 | 6 | 5 | 6 | 6 | 5 | 6 | 6 | 6 | 5 | 6 | 6 | 8 | 8 | 6 | 9 | 5 | 5 | 5 | 6 | 5 | 6 | 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 | |
| | 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 | 4 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| Lymph Node, Mandibular Atrophy | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia, Lymphoid | | 2 | 3 | 1 | 2 | 1 | | 1 | 1 | | 1 | | 2 | | | | | | | | 1 | | 1 | 1 | 22 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1.5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | |
| Lymph Node, Mesenteric Atrophy | + | + | + | + | + | M | + | M | + | + | + | A | + | + | + | + | + | + | + | M | M | A | + | M | 39 |
| | | 2 | 3 | 4 | 3 | | 2 | | 2 | 2 | 3 | | 1 | | | 3 | 1 | 1 | 2 | 1 | | | 4 | | 25 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 |
| Spleen Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 1 | | | | | | | | 11 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | 1.6 |
| Lymphoid Follicle, Atrophy | 2 | 2 | 1 | 1 | | | | | | | | 1 | | | 1 | 1 | | | 1 | 1 | | | | 14 | |
| | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | | 4 | | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 32 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3.6 |
| Thymus Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 38 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3.3 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

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

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | * 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 |
| 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 7 | 7 | 4 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 50 |
| 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 17 |
| 9 | 7 | 6 | 5 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 8 | 8 | 6 | 9 | 5 | 5 | 5 | 6 | 5 | 6 | 5 | 6 | 2.4 |
| B6C3F1 MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0 G/KG | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 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 | 4 |
| 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Mineralization | | | | 1 | | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | | 8 | 1.3 |
| Nephropathy | 1 | | | | | | | | | | | | | | | | 1 | | | | | | | | | 16 | 1.0 |
| Papilla, Inflammation | | | | 1 | | | | | 2 | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Renal Tubule, Necrosis | | 3 | 3 | 2 | | 2 | 2 | 2 | 3 | | | 1 | 2 | | | | 2 | | 2 | | 3 | 4 | 2 | 1 | 17 | 2.4 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

*** END OF REPORT ***

* .. 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 131

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked