

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

F1_M3

C Number: C95003C
Lock Date: 01/29/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.1.0

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

males
(cont...)

Hematopoietic Cell Proliferation																							2
Hemorrhage																							4
Hyperplasia, Lymphoid																							2
Inflammation, Acute																							3
Mixed Cell Focus																							
Necrosis, Focal																							3
Centrilobular, Necrosis																							4
Hepatocyte, Vacuolization Cytoplasmic																							2
Mesentery																							
Fat, Necrosis																							+
Pancreas																							
Angiectasis																							
Metaplasia, Hepatocyte																							1
Salivary Glands																							
Atrophy																							
Hyperplasia, Lymphoid																							2
Mineralization																							1
Stomach, Forestomach																							
Erosion																							1
Ulcer																							4
Epithelium, Hyperplasia																							3
Stomach, Glandular																							
Cyst																							2
Erosion																							2

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	5	7	7	6	7	5	7	7	7	7	7	7	7	6	6	7	6	5	7	7	7	7	7	6	7
2	0	2	1	3	2	3	2	2	3	3	2	3	3	6	2	9	0	3	3	3	2	3	9	3	
1	9	9	9	0	1	1	9	9	0	0	9	0	1	8	9	8	3	0	1	0	9	0	1	1	
ANIMAL ID	0																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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...)

Inflammation, Acute 1
 Metaplasia, Squamous
 Ulcer
 Epithelium, Hyperplasia 3

Tooth Malformation +
2

CARDIOVASCULAR SYSTEM

Heart +
 Cardiomyopathy 1

ENDOCRINE SYSTEM

Adrenal Cortex +
 Accessory Adrenal Cortical Nodule
 Degeneration, Fatty 1
 Hyperplasia 4 4
 Hyperplasia, Focal
 Hypertrophy, Focal 2 1 3 3 4 2 2
 Capsule, Hyperplasia 3 1 1 2 2 3 2 2 4 1 2 1 2 1 2 1 2 4 3 2 2

Adrenal Medulla +
 Hyperplasia 1 1 1

Islets, Pancreatic +

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ANIMAL ID	0																								
	2	0	2	1	3	2	3	2	2	3	3	2	3	3	6	2	9	0	3	3	3	2	3	9	3
0 MG/KG	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

males
(cont...)

Inflammation, Chronic	2		2		2		2																		
Inflammation, Chronic Active	4																								
Prostate	+ +																								
Inflammation, Chronic																									
Necrosis																									
Epithelium, Hyperplasia	1		1		1		1		2		2		1		2		2		2						
Seminal Vesicle	+ +																								
Infiltration Cellular	3																								
Infiltration Cellular, Lymphocyte	1																								
Inflammation, Chronic	1																								
Testes	+ +																								
Germinal Epithelium, Atrophy	1		1		1		3																		

HEMATOPOIETIC SYSTEM

Bone Marrow	+ +																								
Lymph Node	+																								
Hemorrhage	3																								
Pigmentation	3																								
Iliac, Hyperplasia, Lymphoid	3																								
Inguinal, Hyperplasia, Lymphoid	3																								
Renal, Hyperplasia, Lymphoid	3																								
Lymph Node, Mandibular	+ +																								

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

Atrophy																									
Hemorrhage																									
Hyperplasia, Lymphoid																									
Lymph Node, Mesenteric	+ A +																								
Atrophy																									
Fibrosis																									
Hematopoietic Cell Proliferation																									
Hemorrhage																									
Hyperplasia, Histiocytic																									
Hyperplasia, Lymphoid																									
Hyperplasia, Plasma Cell																									
Infiltration Cellular, Neutrophil																									
Inflammation, Chronic																									
Spleen	+ +																								
Hematopoietic Cell Proliferation																									
Lymphoid Follicle, Atrophy																									
Thymus	+ + + + + + + + + + + + + + + M I + + + + + + +																								
Cyst																									

INTEGUMENTARY SYSTEM

Mammary Gland	+ +																								
Skin	+ +																								
Hyperkeratosis																									

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

Epidermis, Site Of Application, Hyperplasia	2	1	1	1	1
Site Of Application, Hyperkeratosis	1	1	1	2	1
Site Of Application, Inflammation, Chronic					3

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cranium, Osteopetrosis							2								2										
Skeletal Muscle																									

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Congestion															2										
Hemorrhage	1																								

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Congestion															3						3				
Hemorrhage	2																								
Hyperplasia, Lymphoid									2																
Infiltration Cellular, Histiocyte	2						4	2				2					2								
Inflammation, Suppurative																									
Metaplasia, Osseous									1																
Necrosis																									

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	0 5 2 1	0 7 0 9	0 7 2 9	0 6 1 9	0 7 3 0	0 5 2 1	0 7 3 1	0 7 2 9	0 7 2 9	0 7 3 0	0 7 3 0	0 7 2 9	0 7 3 0	0 7 3 0	0 6 6 8	0 6 7 9	0 5 9 3	0 7 3 1	0 7 3 0	0 7 3 0	0 7 2 9	0 7 3 0	0 6 7 8	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 MG/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	
	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	

Alveolar Epithelium, Hyperplasia

1

Nose

+ +

Foreign Body
 Inflammation, Suppurative
 Inflammation, Chronic

1 1 2 1 2 2

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye

+ +

Atrophy
 Inflammation, Chronic

4
2

Harderian Gland

+ + + M +

Fibrosis
 Hyperplasia, Focal
 Inflammation, Chronic

2

2

URINARY SYSTEM

Kidney

+ + + + + + + + + + + + A + + + + + + + + + + + + +

Cyst
 Hyperplasia, Lymphoid
 Hyperplasia, Oncocytic
 Infarct

2 2 2 2 2 2 2 2 2 2 2 2 3

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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 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 MG/KG | 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 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Metaplasia, Osseous | | 2 | 1 | | | | | | | | | | | | | | | | | | | | | 2 | |
| Nephropathy | | | 3 | | 3 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | | | 4 | 1 | | 2 | 3 | 3 | 1 | 2 | | 2 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bulbourethral Gland, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | 2 | | | | | | | | | | | | | | |

males
(cont...)

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| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 MG/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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | |
| Hematopoietic Cell Proliferation | 2 | | | 2 | | | | | | | | | | | | | 1 | | | | | | | 4 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Necrosis, Focal | 1 | | | 1 | | 1 | | | | | | | | 2 | | X | 1 | 1 | 2 | 2 | 1 | | X | 15 | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Metaplasia, Hepatocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | 2 | |

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|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 7 7 7 7 7 7 7 7 5 6 7 7 4 7 7 7 7 5 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 3 3 1 2 3 3 3 2 8 2 2 2 0 3 3 3 3 9 1 3 3 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 0 0 4 9 0 0 0 1 5 2 9 9 2 0 0 0 0 8 2 0 1 9 9 0 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
0 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 5 | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Alveolar Epithelium, Hyperplasia | 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 5 1.0 |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic | 1 | | | | | | | | | | | | | | | | | | | | | | | | 6 1.3 |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Eye | + + + + + + + + + A + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + + + + + + + M + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Focal | 1 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Inflammation, Chronic | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|
| Kidney | + + + + + + + + + A + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Cyst | 2 | | | | | | | | | | | | | | | | | | | | | | | | 15 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 10 2.0 |
| Hyperplasia, Oncocytic | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infarct | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|------------|---|---|---|-----------|------------|------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | | | |
| | 3 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 2 | 8 | 2 | 2 | 2 | 0 | 3 | 3 | 3 | 3 | 9 | 1 | 3 | 3 | 2 | 2 | | | |
| | 0 | 0 | 0 | 4 | 9 | 0 | 0 | 0 | 1 | 5 | 2 | 9 | 9 | 2 | 0 | 0 | 0 | 0 | 8 | 2 | 0 | 1 | 9 | 9 | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 0 MG/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 | | | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Metaplasia, Osseous | 2 | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | 6 | 1.8 | |
| Nephropathy | 2 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | | 1 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | 1 | 1 | 41 | 2.0 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 | | | | | | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | 2 | 1.0 | | | | | | |
| Urethra | | | | | | | | | | | | | | | | | | | + | | 1 | | | | | | |
| Bulbourethral Gland, Necrosis | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | 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:
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TDMS No. 95003 - 06
 Test Type: CHRONIC
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Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
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 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 7 7 6 7 6 7 7 5 7 7 7 7 7 6 7 7 7 7 7 7 7 7 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 2 3 4 3 8 3 3 0 2 3 2 2 1 2 8 3 2 2 2 2 3 3 9 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 0 1 1 3 1 0 0 9 1 9 9 4 9 1 0 9 9 9 9 9 0 1 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 |
| 10 MG/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 | 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 |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 1 | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 2 | 1 | 2 | | | | | 1 | 2 | | 1 | | | 1 | | | 1 | 2 | 2 | | 1 | 2 | | | |
| Parathyroid Gland
Cyst | M | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland
Pars Distalis, Cyst
Pars Distalis, Hyperplasia, Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland
Follicle, Degeneration, Focal | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Coagulating Gland | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis
Fibrosis
Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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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TDMS No. 95003 - 06
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 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 7 7 6 7 6 7 7 5 7 7 7 7 7 6 7 7 7 7 7 7 7 7 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 2 3 4 3 8 3 3 0 2 3 2 2 1 2 8 3 2 2 2 2 3 3 9 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 0 1 1 3 1 0 0 9 1 9 9 4 9 1 0 9 9 9 9 9 0 1 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 |
| 10 MG/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 | 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 |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|--|---|--|--|--|--|---|---|---|--|---|--|---|--|---|--|---|---|--|--|--|---|---|--|---|--|
| Inflammation, Chronic Spermatocele | 2 | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Preputial Gland Cyst | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | 2 | | 2 | | 3 | | | | | 2 | | 2 | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 2 | | | | | 2 | | 2 | |
| Prostate Angiectasis | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Epithelium, Hyperplasia | 2 | | 2 | | 1 | | | | | 2 | | 1 | | 3 | | 1 | | 2 | | 2 | | | | | 1 | | | | |
| Seminal Vesicle Fibrosis | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | |
| Testes Germinal Epithelium, Atrophy | + + + + + + + + + + | | | | | | | | | | 3 | | | | | + | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|---|--|--|--|--|---|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | + | | | | | + | | | | | + | | | | |
| Lymph Node, Mandibular | + + + I + + + + M + M + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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 Page 24

TDMS No. 95003 - 06
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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 7 7 6 7 6 7 7 5 7 7 7 7 7 6 7 7 7 7 7 7 7 7 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 2 3 4 3 8 3 3 0 2 3 2 2 1 2 8 3 2 2 2 2 3 3 9 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 0 1 1 3 1 0 0 9 1 9 9 4 9 1 0 9 9 9 9 9 0 1 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 |
| 10 MG/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 | 6 | 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 |

males
(cont...)

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | 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
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|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 7 7 6 7 6 7 7 5 7 7 7 7 7 6 7 7 7 7 7 7 7 7 5 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
10 MG/KG | 0 2 3 4 3 8 3 3 0 2 3 2 2 1 2 8 3 2 2 2 2 3 3 9 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 9 0 1 1 3 1 0 0 9 1 9 9 4 9 1 0 9 9 9 9 9 0 1 0 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | |

males (cont...)

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 2 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Focal | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

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

males
(cont...)

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Casts Granular | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 2 3 1 1 1 2 2 3 2 2 4 2 3 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Papilla, Necrosis | 3 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | 4 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + + + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Edema | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
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 1-4 .. Lesion qualified as:
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 Lab: SRI

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|-----|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Gallbladder | + M A A + + + + + + + A + + + A + + + + + M + + | | | | | | | | | | | | | | | | | | | | | | | | 38 | | |
| Intestine Large, Cecum | + + + A + + + + + + + A + + + + + + + A + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |
| Intestine Large, Colon | + + M A + + + + + + + A + + + + + + + A + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 | | |
| Intestine Large, Rectum
Inflammation, Acute | + + + A + + + I + + A + + + + + + + + A + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 | 1 | 1.0 |
| Intestine Small, Duodenum | + + A A + + + + + + + A + + + + + + + A + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 42 | | |
| Intestine Small, Ileum | + + + A + + + + + + + A + + + + + + + A + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 | | |
| Intestine Small, Jejunum
Mineralization
Necrosis | + + A A + + + + + + + A + + + + + + + A + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 42 | 1 | 1.0 |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Basophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| Bile Stasis | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 | |
| Clear Cell Focus | X X X X X X X | | | | | | | | | | | | | | | | | | | | | | | | 18 | | |
| Congestion | 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| Eosinophilic Focus | X X X X X X X | | | | | | | | | | | | | | | | | | | | | | | | 14 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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| | 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 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 1 | 1 | 3 | 2 | 3 | 3 | 3 | 1 | 3 | 2 | 3 | 2 | 3 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 0 | 3 | 1 | 0 | 0 | 1 | 1 | 1 | 9 | 3 | 5 | 0 | 6 | 0 | 1 | 0 | 1 | 1 | 9 | 1 | 9 | 1 | 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 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 2.5 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 2.5 | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | 5 | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 4 2 | 7 2.6 | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 2.0 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 2.7 | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 2 | 5 2.0 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Lipomatosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 13 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 2 | 1 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 1.0 | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 | 1 3.0 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | | | | | | | | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 3 2 | 3 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 3.0 | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 3 | 7 2.4 | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 6 6 6 7 7 7 7 7 6 5 5 7 6 7 7 7 7 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 1 1 3 3 3 3 3 3 5 1 1 3 2 3 3 3 1 3 2 3 2 3 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 0 3 1 0 0 1 1 1 9 3 5 0 6 0 1 0 1 1 9 1 9 1 1 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 MG/KG | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|----------------|
| Adrenal Medulla
Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 2 1.5 |
| Islets, Pancreatic
Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 23 1.9 |
| Parathyroid Gland
Cyst | + + + + + + + + + 2 + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 47 | 1 2.0 |
| Pituitary Gland
Pars Distalis, Cyst
Pars Distalis, Hyperplasia, Focal | + + + + + + + + + + + + + + + M + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 | 4 2.0
1 2.0 |
| Thyroid Gland
Follicle, Degeneration, Focal | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | 1 3.0 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|----------------|
| Coagulating Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Epididymis
Fibrosis
Hemorrhage | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1 3.0
1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 6 6 6 7 7 7 7 7 6 5 5 7 6 7 7 7 7 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 1 1 3 3 3 3 3 3 5 1 1 3 2 3 3 3 1 3 2 3 2 3 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 0 3 1 0 0 1 1 1 9 3 5 0 6 0 1 0 1 1 9 1 9 1 1 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 MG/KG | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|------------------------------|
| Inflammation, Chronic
Spermatocoele | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 2.0
1 3.0 |
| Preputial Gland
Cyst | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | 3 2.0 |
| Inflammation, Chronic | 3 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 18 2.2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 3 2.3 |
| Prostate | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 | 8 2.3 |
| Epithelium, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 20 1.5 |
| Seminal Vesicle | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 | 4 2.0 |
| Testes | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 2.3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|--------------|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | + | 5 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Lymph Node, Mandibular | + + + + + + + + + + M + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 33

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 6 6 6 7 7 7 7 7 6 5 5 7 6 7 7 7 7 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 1 1 3 3 3 3 3 3 5 1 1 3 2 3 3 3 1 3 2 3 2 3 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 0 3 1 0 0 1 1 1 9 3 5 0 6 0 1 0 1 1 9 1 9 1 1 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 | |
| 10 MG/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 | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|------------|
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.4 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 |
| Infiltration Cellular, Neutrophil | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spleen | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 4 |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|
| | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 7 | |
| | 3 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 1 | 1 | 3 | 2 | 3 | 3 | 3 | 1 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | | |
| | 1 | 0 | 3 | 1 | 0 | 0 | 1 | 1 | 1 | 9 | 3 | 5 | 0 | 6 | 0 | 1 | 0 | 1 | 1 | 9 | 1 | 9 | 1 | 1 | 9 | | |
| B6C3F1 MICE MALE
10 MG/KG | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| | 0 | 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 | 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 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|-----|---|---|-----|-----|---|---|----|-----|---|----|-----|
| Hyperplasia, Melanocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 2.0 | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 | 3.5 | | | | | | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 13 | 1.5 | | | |
| Site Of Application, Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | | | | | | | |
| Site Of Application, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1.0 | | | | | | | | | | | |
| Site Of Application, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 19 | 1.7 |
| Site Of Application, Hyperplasia, Melanocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1.0 | | | | | | | | | | | |
| Site Of Application, Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 1.4 | | | | | | | | | | | |
| Site Of Application, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 2 | 1 | 1 | 2 | 3.0 | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|-----|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| Cranium, Osteopetrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | 4 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|-----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 5 | 1.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 35

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 6 6 7 5 7 7 7 7 7 5 7 7 7 7 7 6 5 7 7 7 4 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 9 3 2 3 3 2 3 3 7 0 3 2 2 3 2 2 9 2 2 0 7 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 3 8 0 1 1 0 9 0 1 1 5 1 9 9 1 9 7 6 9 9 3 1 9 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 |
| 30 MG/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...)

Inflammation, Acute 1
 Metaplasia, Squamous
 Mineralization 1
 Necrosis 1

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | 1 | | | | | | | | 1 | | 1 | | | | | | | | 2 | | | |
| Mineralization | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Degeneration, Fatty | | | | | | | | | 2 | | | | | | | | | | | | 1 | | | | |
| Hyperplasia, Focal | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy, Focal | | | | 1 | | | | | | 4 | | 2 | 2 | 1 | 2 | 2 | | | | | | 2 | | | 1 |
| Capsule, Hyperplasia | | 2 | | 2 | 2 | 2 | 1 | | 2 | | 1 | 2 | | 1 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | | 2 | 2 | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 2 | | | | 1 | | | 1 | 1 | | 1 | 4 | 4 | | 1 | 1 | | | 2 | | | 3 | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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 2) Mild 4) Marked
 Page 40

TDMS No. 95003 - 06
 Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 6 6 7 5 7 7 7 7 7 5 7 7 7 7 7 6 5 7 7 7 4 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 9 3 2 3 3 2 3 3 7 0 3 2 2 3 2 2 9 2 2 0 7 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 3 8 0 1 1 0 9 0 1 1 5 1 9 9 1 9 7 6 9 9 3 1 9 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 |
| 30 MG/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...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland Pars Distalis, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Hyperplasia, Focal | | | | | 2 | | | | | | | | | | | 2 | | | | | | | | |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland Follicular Cell, Hyperplasia, Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis Amyloid Deposition, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Granuloma Sperm | | | | | | | | | | | | | | | | | | | | | | | | |
| Penis Congestion | | | | | | | | | | | | | | | | | | | | | | | | + |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Preputial Gland | | | | | | | | | | | | | | | | | | | | | | | | 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:
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 2) Mild 4) Marked

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 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 6 6 7 5 7 7 7 7 7 5 7 7 7 7 7 6 5 7 7 7 4 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 9 3 2 3 3 2 3 3 7 0 3 2 2 3 2 2 9 2 2 0 7 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 3 8 0 1 1 0 9 0 1 1 5 1 9 9 1 9 7 6 9 9 3 1 9 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 |
| 30 MG/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...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atrophy | 2 | | 2 | | | | | | | | | | | | 2 | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | 4 | | 2 | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Neutrophil | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 3 | | 4 | | 3 | | | | | | | | | | | | 3 | | 4 | | 4 | | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | 2 | | | | | | | | | | | | 2 | | I | | + | | + | | + | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst Epithelial Inclusion | | | | | | | | | | | X | | | | | | | | | | | | | |
| Edema | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | 4 | | 1 | | 1 | | 1 | | 1 | | | | 1 | | 2 | | 1 | | 1 | | 1 | | 1 | |
| Prepuce, Hyperkeratosis | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Site Of Application, Fibrosis | 4 | | 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. 95003 - 06
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|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 6 6 7 5 7 7 7 7 7 5 7 7 7 7 7 6 5 7 7 7 4 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 9 3 2 3 3 2 3 3 7 0 3 2 2 3 2 2 9 2 2 0 7 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 3 8 0 1 1 0 9 0 1 1 5 1 9 9 1 9 7 6 9 9 3 1 9 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 |
| 30 MG/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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|--|--|--|--|---|---|---|---|---|---|--|---|--|--|---|---|---|
| Site Of Application, Hyperkeratosis | | | 4 | 1 | 1 | 1 | 1 | | | | | | 1 | 2 | 1 | | 1 | | | | | | 1 | 1 | 1 |
| Site Of Application, Hyperplasia, Melanocyte | 2 | 1 | | | | | 1 | 2 | | | | | 2 | 1 | 1 | | 1 | 1 | | | | | 1 | | |
| Site Of Application, Inflammation, Chronic | | | | | | | 1 | 1 | | | | | 1 | 1 | | 1 | 1 | | | 1 | | | 1 | | |
| Site Of Application, Ulcer | | | 4 | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Osteopetrosis | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Cranium, Osteopetrosis | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | | |

Skeletal Muscle

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | 2 | | | | | | | | | | | | | | | | | | | | 1 | | 1 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Histiocyte | | | | | | | 2 | | | | | | | | 1 | | 1 | | | | | | | | 2 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 6 6 7 5 7 7 7 7 7 5 7 7 7 7 7 6 5 7 7 7 4 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 9 3 2 3 3 2 3 3 7 0 3 2 2 3 2 2 9 2 2 0 7 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 3 8 0 1 1 0 9 0 1 1 5 1 9 9 1 9 7 6 9 9 3 1 9 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 |
| 30 MG/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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Alveolar Epithelium, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose Inflammation, Chronic | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea Inflammation, Chronic | + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye Inflammation, Chronic Active | A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Vacuolization Cytoplasmic | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland Hyperplasia, Focal | + | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney Cyst | A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 45

TDMS No. 95003 - 06
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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 6 6 6 7 5 7 7 7 7 7 5 7 7 7 7 7 6 5 7 7 7 4 7 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 9 3 2 3 3 2 3 3 7 0 3 2 2 3 2 2 9 2 2 0 7 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 3 8 0 1 1 0 9 0 1 1 5 1 9 9 1 9 7 6 9 9 3 1 9 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
30 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 1 1 2 1 3 2 2 1 2 2 2 2 2 2 2 2 2 2 4 2 3 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 46

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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 7 7 7 7 7 5 7 7 5 7 7 7 7 7 7 7 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 2 2 3 3 2 3 2 3 7 3 3 1 3 3 3 2 3 2 3 3 3 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 9 9 0 1 9 0 9 1 1 0 0 9 0 0 0 9 0 9 0 1 0 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Gallbladder | + M + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Intestine Large, Cecum | + A + | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Intestine Large, Colon Edema | + A + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Rectum | + A + | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Intestine Small, Duodenum | + A + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Intestine Small, Ileum Inflammation, Acute | + A + | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Small, Jejunum Inflammation, Acute Necrosis | + A + | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Angiectasis | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Basophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Bile Stasis | X | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Clear Cell Focus | X X | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| | X X X X X | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | X | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|----------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | | |
| | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 7 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 4 | 3 | | |
| | 0 | 9 | 9 | 9 | 0 | 1 | 9 | 0 | 9 | 1 | 1 | 0 | 0 | 9 | 0 | 0 | 9 | 0 | 9 | 0 | 9 | 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 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 30 MG/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 | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | X | | X | | | | | X | X | | | | X | X | | | X | X | | X | X | 16 | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 | | |
| Mixed Cell Focus | | | | X | | | | | | | | | | | | | | | | | | | | 2 | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | 8 2.6 | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | 8 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 7 2.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Lipomatosis | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 11 2.0 | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 5 2.4 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 7 2.1 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | 49 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 13 2.0 | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | 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
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 7 7 7 7 7 5 7 7 5 7 7 7 7 7 7 7 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 2 2 3 3 2 3 2 3 7 3 3 1 3 3 3 2 3 2 3 3 3 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 9 9 0 1 9 0 9 1 1 0 0 9 0 0 0 9 0 9 0 1 0 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 MG/KG | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 4 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | | 4 2.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Hyperplasia, Plasma Cell | 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Infiltration Cellular, Neutrophil | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hematopoietic Cell Proliferation | 3 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | | 16 3.6 |
| Lymphoid Follicle, Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Lymphoid Follicle, Hyperplasia | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Thymus | + + + + + + + + + + + + + + + + + + M + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Cyst | 2 | | | | | | | | | | | | | | | | | | | | | | | | 4 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Ulcer | 4 | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Epidermis, Site Of Application, Hyperplasia | 1 1 1 1 1 1 2 1 1 1 3 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 29 1.2 |
| Prepuce, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Site Of Application, Fibrosis | 1 3 1 | | | | | | | | | | | | | | | | | | | | | | | | 5 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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TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 7 7 7 7 7 5 7 7 5 7 7 7 7 7 7 7 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 2 2 3 3 2 3 2 3 7 3 3 1 3 3 3 2 3 2 3 3 3 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 9 9 0 1 9 0 9 1 1 0 0 9 0 0 0 9 0 9 0 1 0 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 MG/KG | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|---------------|
| Site Of Application, Hyperkeratosis | 1 | | 1 | 1 | 1 | 1 | 2 | 1 | 2 | | 1 | 1 | 2 | 1 | 1 | 1 | | | | | | | | | | 26 1.3 |
| Site Of Application, Hyperplasia, Melanocyte | | 1 | | 1 | | 1 | | 1 | 1 | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 2 | | | | | | 23 1.2 |
| Site Of Application, Inflammation, Chronic | 1 | | | | | | | | | | | | 1 | 3 | 1 | 1 | | | | 2 | 1 | | | | | 15 1.2 |
| Site Of Application, Ulcer | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 2 3.5 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Osteopetrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Cranium, Osteopetrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | + | 1 | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 1.3 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hemorrhage | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 2 1.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | 1 | 4 | | | | 1 | | | | | | | | 3 | | | | 8 1.9 |
| Inflammation, Chronic | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Metaplasia, Osseous | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

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

TDMS No. 95003 - 06
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 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 7 7 7 7 7 7 7 5 7 7 5 7 7 7 7 7 7 7 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 2 2 2 3 3 2 3 2 3 7 3 3 1 3 3 3 2 3 2 3 3 3 4 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 9 9 9 0 1 9 0 9 1 1 0 0 9 0 0 0 9 0 9 0 1 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 |
| 30 MG/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 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|---|--|--|--|---|--|--|--|---|--|--|--|----------|------------|--|--|--|--|--|--|-----------|----------|------------|------------|
| Alveolar Epithelium, Hyperplasia | 4 | | | | 4 | | | | 3 | | | | 1 | | | | 5 | 2.6 | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 5 | 2.0 | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 2 | 2.5 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|----------|------------|------------|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | 48 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | |
| Retina, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|----------|------------|------------|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 7 | 2.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 10 | 2.0 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 4 | 1.8 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 1-4 .. Lesion qualified as:
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TDMS No. 95003 - 06
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Methyl trans-styryl ketone
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | 0730 | 0773 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | 0779 | |
| 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 | |
| 30 MG/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 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | * TOTALS |
| Nephropathy | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 4 | 45 1.8 |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 1.0 |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hyperplasia, Lymphoid | | | | | 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
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 Page 55

TDMS No. 95003 - 06
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 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 7 7 6 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 6 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 4 3 3 3 3 2 3 2 2 2 2 3 3 2 3 3 3 5 2 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 0 0 5 0 1 0 0 8 0 9 9 9 9 0 0 9 0 1 1 9 3 0 9 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 | |
| 90 MG/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 | |
| | 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...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Gallbladder
Inflammation, Acute | A | + | + | A | + | + | + | + | A | + | + | + | + | + | A | + | M | + | + | + | M | A | + | + | + |
| Intestine Large, Cecum | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | A | + | + | A | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Duodenum
Hemorrhage | A | + | + | A | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Ileum
Inflammation, Chronic | A | + | + | A | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + |
| Intestine Small, Jejunum
Inflammation, Chronic | A | + | + | A | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + |
| Liver
Basophilic Focus | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus, Multiple | | | | | | | | X | | | | | | | X | | | | | | | | | | |
| Clear Cell Focus | | X | X | | X | X | X | | X | | | X | | | X | | X | | | | | X | | X | |
| Cyst | | | | 4 | | | | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| | 06776 | 07777 | 08334 | 09333 | 00001 | 00000 | 00008 | 00000 | 00009 | 00009 | 00009 | 00009 | 00009 | 00000 | 00000 | 00009 | 00001 | 00001 | 00009 | 00003 | 00007 | 00007 | 00007 | 00003 | | |
| B6C3F1 MICE MALE | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | 00115 | | |
| 90 MG/KG | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 700 | 701 | 702 | 703 | 704 | 705 | | |
| Eosinophilic Focus | X | | | | | | | | | | | | | | X | | | X | X | X | | X | X | X | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | 1 | | |
| Mixed Cell Focus | X | | | X | | X | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | 2 | | | | | | | | | | | | 2 | | | | | | 4 | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Hepatocyte, Hypertrophy | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Artery, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia, Lymphoid | | | 2 | 2 | | 2 | | | | | | | | 2 | | | 2 | | | | 2 | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 2 | | 2 | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | 1 | | | | | | 3 | | | 3 | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |

males (cont...)

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| | 6 7 7 6 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 6 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
90 MG/KG | 7 3 3 4 3 3 3 3 2 3 2 2 2 2 3 3 2 3 3 3 5 2 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 0 0 5 0 1 0 0 8 0 9 9 9 9 0 0 9 0 1 1 9 3 0 9 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 MG/KG | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | males (cont...) |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

Inflammation, Acute 2
 Inflammation, Chronic 2 2
 Metaplasia, Squamous 1

CARDIOVASCULAR SYSTEM

Heart +
 Cardiomyopathy 1 1
 Mineralization
 Artery, Inflammation, Chronic 2

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + A +
 Accessory Adrenal Cortical Nodule 2 1 1
 Degeneration, Fatty 1 2 2 1 1
 Hypertrophy, Focal 3 1 3 4 1 2 2
 Capsule, Hyperplasia 1 1 2 1 2 4 2 2 2 1 2 3 2 1 1 2
 Adrenal Medulla + + + + + + + + A +
 Hyperplasia 1 2
 Islets, Pancreatic + + + + + + + + A +
 Hyperplasia 2 2 2 1 2 1 1 1 1 1 2
 Parathyroid Gland + + + + I M + + + + + + M +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:
 x .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked
 Page 58

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 7 7 6 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 6 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 4 3 3 3 3 2 3 2 2 2 2 3 3 2 3 3 3 5 2 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 0 0 5 0 1 0 0 8 0 9 9 9 9 0 0 9 0 1 1 9 3 0 9 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 |
| 90 MG/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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pituitary Gland | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | 3 | | | | | | | | 1 | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Follicle, Degeneration, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Spermatocele | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 3 | | | | 2 | | | 2 | | | | | | | | | | | | | | | | | 2 |
| | | 4 | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Prostate | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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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TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 7 7 6 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 6 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 4 3 3 3 3 2 3 2 2 2 2 3 3 2 3 3 3 5 2 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 0 0 5 0 1 0 0 8 0 9 9 9 9 0 0 9 0 1 1 9 3 0 9 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 |
| 90 MG/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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epithelium, Hyperplasia | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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TDMS No. 95003 - 06
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

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 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 7 7 6 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 6 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 4 3 3 3 3 2 3 2 2 2 2 3 3 2 3 3 3 5 2 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 0 0 5 0 1 0 0 8 0 9 9 9 9 0 0 9 0 1 1 9 3 0 9 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 |
| 90 MG/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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | A | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Histiocytic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Neutrophil | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | I | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | M | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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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 2) Mild 4) Marked
 Page 61

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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 7 7 6 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 6 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 4 3 3 3 3 2 3 2 2 2 2 3 3 2 3 3 3 5 2 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 0 0 5 0 1 0 0 8 0 9 9 9 9 0 0 9 0 1 1 9 3 0 9 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 |
| 90 MG/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 | 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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | 2 | | | 2 | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | 1 | | | 2 | | | 3 | | | | 4 | | 1 | | | | | | | | | | 1 | |
| Alveolar Epithelium, Hyperplasia | | | 3 | | 2 | | | | | | | | | | | | | | | | 2 | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Foreign Body | | | | | | | | | | X | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Inflammation, Chronic | | | | | | | | | | 2 | | | 2 | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Cornea, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | 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 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | |
| 90 MG/KG | 2 | 3 | 3 | 9 | 2 | 2 | 2 | 3 | 2 | 7 | 3 | 2 | 2 | 2 | 1 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 2 |
| | 9 | 0 | 0 | 0 | 9 | 9 | 9 | 0 | 9 | 3 | 1 | 9 | 9 | 0 | 9 | 8 | 0 | 0 | 9 | 0 | 0 | 9 | 1 | 0 | 9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| | 7 | 7 | 7 | 7 | 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 |
| Eosinophilic Focus | | | X | | | | | X | | X | | | | | | | | | | | | X | | | 13 |
| Hematopoietic Cell Proliferation | | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | 7 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | | X | | | | | | | | | | | | 4 |
| Necrosis, Focal | | | | | | | | | | 2 | | | | | 4 | | 4 | | | | | | | | 6 3.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hepatocyte, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mesentery | | | | | | | + | | | | | | | | | | + | | | | + | | + | 6 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 3 | | | | | | | 1 3.0 |
| Artery, Hyperplasia | | | | | | | | | | | | | | | | | | 3 | | | | | | | 1 3.0 |
| Fat, Necrosis | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 1 | | 4 1.8 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia, Lymphoid | | | | 2 | | | | | | | 2 | | | | | | | 2 | | | | | 2 | | 10 2.0 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst | | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic | | | | | 2 | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Hyperplasia | | | | | 2 | | | | | | | | | | | | | | | | | | 3 | 2 | 6 2.3 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 48 |
| Cyst | | | | | | | 2 | | | | | | | | | | | 2 | | | | | | 2 | 5 2.0 |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hemorrhage | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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TDMS No. 95003 - 06
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 Lab: SRI

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|------------|
| Epithelium, Hyperplasia | | | 1 | | 2 | 2 | | | | 2 | 2 | 2 | | | | | 2 | 1 | 2 | 1 | 1 | | 2 | | 25 | 1.5 | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Fibrosis | | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular | | | | | | | | | | | | | | | | | 3 | | | | | | | | | 2 | 3.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | 1.0 |
| Epithelium, Hyperplasia | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Germinal Epithelium, Atrophy | | | 3 | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Thrombosis | | | | | | | | | | 3 | | | | | | | | | | | | | | | | 1 | 3.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Iliac, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Inguinal, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 49 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Hematopoietic Cell Proliferation | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Lymphoid | | | 4 | | | | | | | | | | | | | | | | | | | | 4 | | | 6 | 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 69

TDMS No. 95003 - 06
 Test Type: CHRONIC
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Methyl trans-styryl ketone
 CAS Number: 1896-62-4

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 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | 7 7 7 5 7 7 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 5 7 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 3 3 9 2 2 2 3 2 7 3 2 2 2 1 1 3 3 2 3 3 2 2 3 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 0 0 0 9 9 9 0 9 3 1 9 9 0 9 8 0 0 9 0 0 9 1 0 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 | |
| 90 MG/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 |
| | 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 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Hyperplasia, Plasma Cell | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | M | + | + | + | + | + | + | + | + | + | 45 |
| Atrophy | | | | | | | 1 | | | | | | | 1 | | 2 | | 3 | | | | 4 | | | | 8 2.1 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hemorrhage | | | | | | 3 | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Hyperplasia, Histiocytic | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 1 4.0 |
| Hyperplasia, Lymphoid | | | | | 4 | | | | 3 | | | | | | | | | | 4 | | | 4 | | | | 6 3.7 |
| Hyperplasia, Plasma Cell | | | | | 4 | | | | | | | | | | | | | | 4 | | | 4 | | | | 4 4.0 |
| Infiltration Cellular, Neutrophil | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 3 2.3 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hematopoietic Cell Proliferation | 3 | 4 | 3 | 3 | 4 | | 3 | 3 | | | | | | 4 | | 4 | | | | | 3 | | 3 | | 4 | 20 3.3 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 2 1.5 |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Thymus | M | + | + | + | + | + | + | + | I | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | 40 |
| Cyst | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 4 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperkeratosis | | | | | | | | | | | | | 1 | | 1 | | | | | | | 1 | | | | 5 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
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|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | |
| | 2 | 3 | 3 | 9 | 2 | 2 | 2 | 3 | 2 | 7 | 3 | 2 | 2 | 2 | 1 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 2 |
| | 9 | 0 | 0 | 0 | 9 | 9 | 9 | 0 | 9 | 3 | 1 | 9 | 9 | 0 | 9 | 8 | 0 | 0 | 9 | 0 | 0 | 9 | 1 | 0 | 9 |
| B6C3F1 MICE MALE
90 MG/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 | |
| | 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 | 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 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Alveolar Epithelium, Hyperplasia | | 1 | | 1 | | | | 4 | | | | 2 | 4 | | 3 | | 3 | | | | | 1 | | | 12 2.1 |
| | | | | 3 | | | | | | | | | | | | | | | 4 | | | 2 | | | 8 2.8 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body | | | | | | | | | X | | | | | | | | X | | | | | | | | 3 |
| Inflammation, Suppurative | | | | | | | | 1 | | | | | | | | | | | | | | | | | 2 1.5 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 1 | | | | | | | | | 3 1.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 2 | | | 2 2.5 |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 45 |
| Atrophy | | | | | 4 | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 |
| Inflammation, Chronic | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Inflammation, Chronic Active | | 1 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | 4 2.8 |
| Cornea, Hyperplasia | | 1 | | | | | | | | | 3 | | | | | | | | | | | 4 | | | 4 3.0 |
| Cornea, Necrosis | | | | | | | | | | 3 | | | | | | | | | | | | | | | 1 3.0 |
| 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
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 1-4 .. Lesion qualified as:
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TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 7 7 7 5 7 7 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 5 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 2 3 3 9 2 2 2 3 2 7 3 2 2 2 1 1 3 3 2 3 3 2 2 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 0 0 0 9 9 9 0 9 3 1 9 9 0 9 8 0 0 9 0 0 9 1 0 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 MG/KG | 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-----------------------|---|--------------|
| Hyperplasia, Focal | 2 | 3 2.0 |
| Inflammation, Chronic | | 2 2.0 |
| Metaplasia, Osseous | | 1 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|
| Kidney | + + + + + + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | 18 2.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Nephropathy | 1 4 2 3 2 2 1 1 1 1 1 1 1 2 1 1 1 2 2 1 1 2 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 45 1.6 |
| Capsule, Fibrosis | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Capsule, Pigmentation | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pelvis, Dilatation | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Renal Tubule, Accumulation, Hyaline Droplet | 3 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Renal Tubule, Dilatation, Focal | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Renal Tubule, Necrosis | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Renal Tubule, Pigmentation | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Urinary Bladder | + + + + + + + + + + + + + + A + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 73

TDMS No. 95003 - 06
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 Lab: SRI

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

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Inflammation, Chronic | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kupffer Cell, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Hyperplasia, Focal | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Erosion | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + + + + + + + + A + + + + + + + A + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |

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

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| | 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 | 2 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 |
| | 3 | 3 | 3 | 1 | 3 | 3 | 8 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 9 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 |
| | 2 | 2 | 3 | 9 | 2 | 2 | 5 | 2 | 9 | 3 | 2 | 3 | 2 | 1 | 8 | 8 | 3 | 3 | 3 | 1 | 3 | 1 | 1 | 1 | 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 MG/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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | I | + | + | + | + | + | + | + | + | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | 4 | | | 4 | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Pars Intermedia, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration, Focal | | | 2 | 1 | 1 | | | | | 2 | 2 | 3 | 2 | 3 | 1 | 2 | 2 | | 1 | 1 | | | 2 | 3 | 2 |
| Follicular Cell, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | 1 | | 3 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Ovary | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 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 | 2 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | |
| | 3 | 3 | 3 | 1 | 3 | 3 | 8 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 9 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | |
| | 2 | 2 | 3 | 9 | 2 | 2 | 5 | 2 | 9 | 3 | 2 | 3 | 2 | 1 | 8 | 8 | 3 | 3 | 3 | 1 | 3 | 1 | 1 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 MG/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 | |
| | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Inflammation, Chronic | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | + | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 2 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

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

* .. 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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|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 6 7 7 7 7 7 7 7 7 7 7 6 6 7 7 7 6 7 7 6 6 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 1 3 3 3 3 3 3 3 3 3 3 3 7 9 3 3 3 8 3 3 7 9 3 3 9 | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 9 2 3 3 1 3 2 2 1 2 1 5 7 2 2 3 7 1 2 8 2 2 2 8 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
0 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 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 | | |
| Gallbladder | + + + + + + + + + + + + + A + + + + A + + M A + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 | | |
| Intestine Large, Cecum | + A + + + + + + + + + + + + + + + + + + + A + + + | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Intestine Large, Colon | + A + + + + + + + + + + + + + + + + + A + + A A + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 | | |
| Intestine Large, Rectum | + + + + + + + + + + + + + A + + + + + + + A A + + + | | | | | | | | | | | | | | | | | | | | | | | | 45 | | |
| Intestine Small, Duodenum | + A + + + + + + + + + + + + A + + + + A + + A A + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 | | |
| Intestine Small, Ileum | + A + + + + + + + + + + + + A + + + + A + + A A + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 | | |
| Intestine Small, Jejunum | + A + + + + + + + + + + + + A + + + + A + + A A + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 | | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 3 2.7 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | | 6 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | X | 16 |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | X | X | 1 3.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 13 1.2 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 2.0 |

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| B6C3F1 MICE FEMALE | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | | |
| 0 MG/KG | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 | 3 | 3 | 8 | 3 | 3 | 7 | 9 | 3 | 3 | 9 | |
| | 3 | 9 | 2 | 3 | 3 | 1 | 3 | 2 | 2 | 1 | 2 | 1 | 5 | 7 | 2 | 2 | 3 | 7 | 1 | 2 | 8 | 2 | 2 | 2 | 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 | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Kupffer Cell, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | 48 | |

* .. 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:
 1) Minimal 3) Moderate
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 Page 84

TDMS No. 95003 - 06
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lymph Node, Mesenteric | + | A | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 47 |
| Atrophy | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 5 2.2 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Neutrophil | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 49 |
| Angiectasis | | | | | | | | | | | | | | 4 | | | | | | | | | | | | 1 4.0 |
| Hematopoietic Cell Proliferation | | 4 | 3 | | 2 | 2 | 3 | 4 | 2 | | 2 | | | 4 | | 2 | 4 | | 2 | 3 | | | | 3 | 4 | 27 2.9 |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 8 1.4 |
| Lymphoid Follicle, Atrophy | | 4 | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Lymphoid Follicle, Hyperplasia | 2 | | 2 | | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | | | | 1 | 1 | | 2 | 2 | | | 2 | 2 | | 26 1.5 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Hemorrhage | | | | | | | 2 | | | | | 4 | | | | | | | | | | | | | | 6 2.3 |
| Hyperplasia, Lymphoid | | | 3 | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | 2 | | | | | | | | | | 2 | | 1 | | | | | | | | 1 | | | 4 1.5 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 3 2.7 |
| Hyperplasia, Melanocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 95003 - 06
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Methyl trans-styryl ketone
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 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|---|--|--|--|---|---|--|--|--|---|--|---|--|--|---|--|---|--|--|---|-----|-----|-----|
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 3.0 |
| Epidermis, Site Of Application, Hyperplasia | | | | | | | 1 | | | | 1 | 1 | | | | 1 | | 1 | | | | | | | | | 7 | 1.3 | |
| Site Of Application, Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Site Of Application, Hyperkeratosis | | | | | | | 1 | | | | 1 | 1 | | | | 2 | | | | | | | | | | | 9 | 1.4 | |
| Site Of Application, Hyperplasia, Melanocyte | | | | | | | | | | | | | | | | 1 | | | | | 1 | | | | | | 3 | 1.0 | |
| Site Of Application, Inflammation, Chronic | | | | | | | | | | | 1 | | | | | | | | | | 1 | | 1 | | | | 7 | 1.3 | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Cranium, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Femur, Fibro-Osseous Lesion | | | | 2 | 1 | | | | | 2 | | | | | | 2 | | | | 3 | 1 | | | | 1 | 4 | 2 | 12 | 1.9 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hemorrhage | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | 2 | | | | | | | | | | 2 | | | | | | | 3 | 1.7 |
| Meninges, Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

* .. 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 | | | | | | | | | | | | | | | | | | | | | | | | * 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 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 6 |
| | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 9 | 3 | 3 | 3 | 8 | 3 | 3 | 7 | 9 | 3 | 3 | 9 |
| | 3 | 9 | 2 | 3 | 3 | 1 | 3 | 2 | 2 | 1 | 2 | 1 | 5 | 7 | 2 | 2 | 3 | 7 | 1 | 2 | 8 | 2 | 2 | 2 | 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 MG/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 |

Inflammation, Chronic 1 2.0

Spinal Cord 1

RESPIRATORY SYSTEM

Lung 50

 Congestion 1 2.0

 Hemorrhage 2 2.0

 Infiltration Cellular, Histiocyte 5 2.0

 Mineralization 1 1.0

 Thrombosis 1 2.0

 Alveolar Epithelium, Hyperplasia 5 1.6

Nose 50

 Inflammation, Chronic 1 3.0

Pleura 1

Trachea 50

SPECIAL SENSES SYSTEM

Eye 47

Harderian Gland 50

 Hyperplasia 3 1 3.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| | 7 7 7 7 5 5 7 6 7 7 7 7 7 6 7 7 7 7 7 6 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
10 MG/KG | 3 3 3 3 9 9 3 7 3 3 3 3 3 3 3 3 3 3 3 7 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 1 3 2 0 7 3 6 3 3 2 2 2 9 1 2 2 3 3 8 2 1 2 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 MG/KG | 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...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + + + + + + + A + + + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon
Edema
Inflammation, Acute | + + + + + A + + + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + + + + + A + + + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum
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Ulcer | + + + + + A + + + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum
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| Intestine Small, Jejunum | + + + + + A + A + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver
Angiectasis
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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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
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B6C3F1 MICE FEMALE
10 MG/KG

| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Clear Cell Focus | | | | | | | | X | X | | | | | | | | | | | | | | | | X |
| Congestion | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Eosinophilic Focus | | X | | X | | | X | | | | X | | X | | | | | | | X | | | | | |
| Hematopoietic Cell Proliferation | 1 | 1 | 1 | | | | | | | | 1 | | 1 | | 1 | | | | 1 | 1 | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | | | | 2 | | | | | | 2 | | | | | | | | 1 | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Centrilobular, Necrosis | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Kupffer Cell, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | + | | | | | | | | | | + | + | + | | | | + | + | + | + | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | 2 | | | | | | | | | | 2 | 2 | 3 | | | | 2 | 2 | 4 | | | |
| Pancreas | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | 2 | | | | | | | 4 | | |
| Cyst | | | | | | | | | | | | | | | | | 2 | | | | | | 2 | | |
| Inflammation, Focal, Chronic | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | 2 | 2 |
| Mineralization | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Edema | | | | | | | 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:
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TDMS No. 95003 - 06
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
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females (cont...)

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| Lymph Node, Mandibular Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Neutrophil | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Pigmentation | | | | | | | 2 | | | | | | | | 3 | 2 | | 2 | | | | | | | |
| Lymphoid Follicle, Hyperplasia | 1 | | | | | | 2 | | 2 | 2 | 1 | | | | 2 | | 2 | 1 | 2 | | 2 | | | | 2 |
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| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

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| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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TDMS No. 95003 - 06
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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
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| B6C3F1 MICE FEMALE
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TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
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| 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 | |
| 10 MG/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 | |
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| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | |
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| Hemorrhage | | | | | | 1 | | | | | | | | | | | | | | 2 | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

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| Hemorrhage | | | | | | | | | | | | | 1 | | | | | | | 2 | | | | |
| Infiltration Cellular, Histiocyte | | | | | 4 | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | 4 | |
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| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | |
| Glands, Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
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SPECIAL SENSES SYSTEM

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
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| 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 | |
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| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Retinal Detachment | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Optic Nerve, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

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| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 1 | 1 | 1 | 2 | 1 | | 2 | | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
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| 10 MG/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 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 47 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 45 |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Bile Stasis | | | | | | | | | | | | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | 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 | |
| 10 MG/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 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Eosinophilic Focus | | X | X | | X | | | | | | X | X | | | | | | | | X | X | | | 13 | |
| Hematopoietic Cell Proliferation | | | 1 | 1 | | | 2 | | | | 1 | 1 | | 1 | | | | | | 1 | | | | 15 1.1 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Hyperplasia, Lymphoid | | 2 | | | | | | | | | | 2 | | | | | | | | | 2 | 2 | | 5 2.0 | |
| Infarct | | | | | | | | | | | | | | | | | 4 | | | | | | | 1 4.0 | |
| Mixed Cell Focus | | | | | | | | | | | | | | X | | | | | | | X | | | 2 | |
| Necrosis, Focal | | | | | | 2 | | | | 2 | | | 3 | | | | 3 | 2 | 3 | 2 | | | | 10 2.2 | |
| Vacuolization Cytoplasmic | | | | | | | 2 | | | | | | | | | | | | | | | | | 2 2.0 | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | 3 | | | | | | | 2 2.5 | |
| Kupffer Cell, Pigmentation | 2 | | | 2 | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Mesentery | + | + | + | | + | + | + | | + | | | + | + | + | + | | + | | + | + | | | | 22 | |
| Hemorrhage | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Fat, Necrosis | 2 | 1 | 2 | | 2 | 2 | 2 | | 3 | | | | 2 | 1 | 1 | 2 | | 2 | | 1 | 2 | | | 21 2.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | | | | 4 | | 1 | | | | | | | | | | | | | | | 4 2.8 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Inflammation, Focal, Chronic | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Necrosis | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | 2 | 2 | | | | | | | | | | | 2 | 2 | | 2 | | | | | 2 | 2 | | 14 2.0 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | 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 103

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|----------|---|--------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| B6C3F1 MICE FEMALE | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| 10 MG/KG | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 8 | 5 | 3 | 1 | 3 | 3 | 3 | | | |
| | 2 | 2 | 2 | 3 | 1 | 3 | 9 | 1 | 1 | 1 | 3 | 2 | 3 | 2 | 2 | 3 | 0 | 1 | 3 | 1 | 1 | 3 | 3 | 2 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | | | |
| Clitoral Gland
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | |
| Ovary
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Cyst | 2 | | | | | 2 | | 2 | | 2 | 2 | | | | | | 2 | | 2 | 2 | | | X | 1 3.0 | | | |
| Hemorrhage | | | 2 | 1 | | | | | 2 | 4 | | | | | 2 | | | | | | | 1 | 2 | 15 2.1 | | | |
| Thrombosis | | | | | | | | 4 | | | | | | | | | | | | | | | | 2 4.0 | | | |
| Uterus
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia, Cystic | | | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | | 4 | 4 | 2 | 3 | 2 | 4 | 2 | 4 | 4 | 2 | 3 | 4 | 1 2.0 |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 3.2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Vagina
Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node
Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.7 |
| Bronchial, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.7 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| | 7 7 7 7 7 7 6 7 7 5 7 7 7 7 7 7 5 6 6 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 3 3 3 3 3 0 3 3 7 3 3 3 3 3 3 9 8 5 3 1 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 2 2 3 1 3 9 1 1 1 3 2 3 2 2 3 0 1 3 1 1 3 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10 MG/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 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | 4 | | | | | | | | | | | | | 2 | | | | | | | | 3 2.7 |
| Hemorrhage | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Hyperkeratosis | | | | | | | | | | | | | | | | 2 | | | | | | | | 4 1.3 |
| Inflammation, Acute | | | 3 | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 1 | | | | | | | | 4 1.3 |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Epidermis, Site Of Application, Hyperplasia | | | | | 1 | | 1 | | 1 | | | | 1 | | | | | | | | | | | 11 1.0 |
| Site Of Application, Hemorrhage | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 |
| Site Of Application, Hyperkeratosis | | | 1 | | 1 | | 1 | | 1 | 2 | | | 1 | | | | | 2 | | | | | | 16 1.4 |
| Site Of Application, Hyperplasia, Melanocyte | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | 3 1.0 |
| Site Of Application, Inflammation, Acute | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Site Of Application, Inflammation, Chronic | | | | | | | | | | 1 | | | 1 | | | | 1 | | | | | | | 11 1.3 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cranium, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Cranium, Osteopetrosis | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 1.0 |
| Femur, Fibro-Osseous Lesion | | | | | 1 | | | | | | | | | | 2 | 1 | | | | | | | | 7 1.3 |
| Femur, Hyperostosis | | | | | 2 | | | | | | | | | | | | | | | | | | | 5 1.8 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 1.0 |

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
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TDMS No. 95003 - 06
 Test Type: CHRONIC
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Methyl trans-styryl ketone
 CAS Number: 1896-62-4

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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 8 | 5 | 3 | 1 | 3 | 3 | 3 | |
| | 2 | 2 | 2 | 3 | 1 | 3 | 9 | 1 | 1 | 1 | 3 | 2 | 3 | 2 | 2 | 3 | 0 | 1 | 3 | 1 | 1 | 3 | 3 | 2 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10 MG/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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression | | | | 4 | | | | | | | | | | | | | | | | | | | | | 3 3.3 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Hyperplasia, Lymphoid | | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Congestion | | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 2.0 |
| Hemorrhage | 1 | | | 1 | | | | | | | | | | | | | 1 | | | | | | 3 | 6 1.5 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | 1 | | | | | | | | | | 2 | | | | | 3 2.3 | |
| Metaplasia, Osseous | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 | |
| Alveolar Epithelium, Hyperplasia | | 2 | | | 1 | | | | | 2 | | | | | | | | 1 | | 1 | | | 2 | 8 1.8 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 | |
| Inflammation, Chronic | | | | | | 2 | | | | | | 1 | | | | | | | | | | | | 2 1.5 | |
| Glands, Cyst | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 2.0 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

SPECIAL SENSES SYSTEM

* .. 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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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 8 | 5 | 3 | 1 | 3 | 3 | 3 | |
| | 2 | 2 | 2 | 3 | 1 | 3 | 9 | 1 | 1 | 1 | 3 | 2 | 3 | 2 | 2 | 3 | 0 | 1 | 3 | 1 | 1 | 3 | 3 | 2 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10 MG/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 | 0 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Chronic | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 2 1.0 |
| Bilateral, Hemorrhage | | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Bilateral, Retinal Detachment | | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Bilateral, Optic Nerve, Necrosis | | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2 1.0 |
| Retina, Degeneration | | | | | | | | | | 2 | 1 | | | | | | | | | | | | | | | 2 1.5 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Focal | 3 | | | | | | | | | | | 2 | | | | | 2 | | | | | | 3 | | 5 2.4 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Bilateral, Hemorrhage | | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid | 2 | 2 | | | | | | | | | 2 | 2 | | | | 2 | 2 | 2 | | | | | 2 | | 14 2.0 | |
| Infarct | | | | | | | | | | | | | | | | 2 | | | | | | | | | 7 1.7 | |
| Metaplasia, Osseous | | | | | | | | | | 1 | | | | | | | | | | 2 | | | | | 3 1.3 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Nephropathy | 2 | 1 | 1 | | 1 | | | 1 | 1 | | | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 2 | 1 | 2 | 37 1.2 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | 3 | | | | | | | | 3 3.3 | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 1.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | | | 2 | 2 | | | | | | | | | | | | 2 | | | | | 2 | 6 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

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

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | + A + + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum
Edema | + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon
Edema | + A + + A + + + + + 1 + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + A + + + + + + + + + + + + + + + M + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + A + + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum
Dilatation
Inflammation, Acute
Epithelium, Hyperplasia | + A + + A + + + + + + + + + + + + + + + 4 + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum
Necrosis | + A + + A + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver
Basophilic Focus
Bile Stasis | + + + + + + + + + X + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|---|
| | 0
7
3
2 | 0
4
6
7 | 0
7
3
1 | 0
7
3
3 | 0
6
8
8 | 0
7
3
2 | 0
5
6
1 | 0
7
3
2 | 0
7
3
2 | 0
7
3
2 | 0
7
3
3 | 0
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2 | 0
7
3
5 | 0
7
3
3 | 0
7
3
2 | 0
7
3
2 | 0
6
8
3 | 0
7
3
3 | 0
7
3
1 | 0
7
3
3 | 0
7
3
9 | 0
7
3
3 | 0
7
3
2 | 0
7
3
2 | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 30 MG/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 | |
| | 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 |
| Clear Cell Focus | | | | X | | | | | | | | | | | | X | | | | | | | | X | | |
| Eosinophilic Focus | X | | | | X | | | X | | X | | | | | | | | | X | | X | X | | X | | |
| Hematopoietic Cell Proliferation | 1 | | 1 | | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karyomegaly | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | 1 | 1 | | | | | | | 2 | 2 | | | | 2 | | | | | X | | | | | | | |
| Hepatocyte, Hypertrophy | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Kupffer Cell, Pigmentation | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | + | | | + | | | | + | | + | | | | + | + | + | | + | | + | | | + | | | |
| Fat, Necrosis | 2 | | | 2 | | | | 2 | | 2 | | | | 2 | 2 | 2 | | 2 | | 2 | | | 2 | | | |
| Pancreas | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Atrophy | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | |
| Fibrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Granulomatous, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Hepatocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| Hyperplasia, Lymphoid | | | | 2 | | | | 2 | | | | | 2 | | | | 2 | 2 | 2 | | | | 2 | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |

* .. 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 113

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | 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 | 4 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | | |
| | 3 | 6 | 3 | 3 | 8 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 1 | 3 | 3 | 3 | | |
| | 2 | 7 | 1 | 3 | 8 | 2 | 1 | 2 | 2 | 2 | 3 | 5 | 3 | 2 | 2 | 2 | 3 | 1 | 3 | 3 | 9 | 3 | 2 | 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 | | |
| 30 MG/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 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| | 3 | | | | | | | | | | | | | | | | | | 1 | 2 | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Edema | 2 | | | 2 | 2 | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|---|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | |
| Cardiomyopathy | | | 2 | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | 1 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Fatty | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | 3 | | | | | | | | | | | 2 | | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy, Focal | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capsule, Hyperplasia | 2 | 3 | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 114

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
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 Lab: SRI

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | | |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 2 | |
| Parathyroid Gland | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Pituitary Gland
Pars Distalis, Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Pars Distalis, Hyperplasia, Focal | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 2 | 2 |
| Pars Intermedia, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Follicle, Degeneration, Focal | 2 | | 1 | | 2 | 2 | 2 | | | 2 | 1 | 3 | 2 | | 2 | 2 | | 3 | 2 | | 2 | 3 | | | 2 | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Tissue NOS
Abdominal, Fat, Inflammation, Chronic
Active | | | | | | | | | | | | | | | | | | | | | | | | | | + |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 115

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 4 7 7 6 7 5 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 6 3 3 8 3 6 3 3 3 3 3 2 3 3 3 3 8 3 3 1 3 3 3 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 7 1 3 8 2 1 2 2 2 2 3 5 3 2 2 2 3 1 3 3 9 3 2 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 |
| 30 MG/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 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 1 3 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | 4 3 4 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Cystic | 4 3 3 4 3 4 2 4 4 3 3 4 2 3 1 4 4 4 2 3 3 4 4 3 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Myometrium, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Myeloid Cell, Hyperplasia | 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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. 95003 - 06
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 Species/Strain: MICE/B6C3F1

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Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|----------------------|---|
| | 0
7
3
2 | 0
4
6
7 | 0
7
3
1 | 0
7
3
8 | 0
6
8
2 | 0
7
3
1 | 0
5
6
2 | 0
7
3
1 | 0
7
3
2 | 0
7
3
2 | 0
7
3
3 | 0
7
3
3 | 0
7
2
5 | 0
7
3
3 | 0
7
3
2 | 0
7
3
2 | 0
6
8
3 | 0
7
3
1 | 0
7
3
3 | 0
7
3
1 | 0
7
3
9 | 0
7
3
3 | 0
7
3
2 | 0
7
3
2 | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 30 MG/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 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | | 5 |
| Ectasia | | | | | | | | 4 | | 3 | | | | | | | | 4 | | | | | 4 | | | | |
| Hemorrhage | | | | | | | | 4 | | | | | | | | | | | | | | | | 2 | | | |
| Iliac, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Renal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Hyperplasia, Histiocytic
Hyperplasia, Lymphoid | | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | 1 | | | | | | | | | | | 3 | | | 2 | | | | | | | | | | | | |
| Lymph Node, Mesenteric
Atrophy
Ectasia
Hematopoietic Cell Proliferation | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | 3 | | | | | | | | 2 | | | | | | | | | | | |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Pigmentation
Lymphoid Follicle, Atrophy
Lymphoid Follicle, Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 2 | | | | | | | | 3 | 2 | 2 | 4 | | | | | 3 | 2 | 4 | 3 |
| | | | | | 2 | | | | 2 | | | | | | | | | | | | | | | | 1 | 2 | |
| | | | | 2 | | 1 | | | | | | | | | 2 | | 2 | | | 1 | 2 | | | 2 | 2 | 2 | |
| Thymus
Cyst
Hemorrhage | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | | |
| | | | | | | | | | | | | 2 | | | 2 | | | | | | | | | 2 | | 2 | |
| | 1 | | 1 | 1 | | 3 | | | | | | | | | | | | | | | 1 | | | 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:
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 2) Mild 4) Marked

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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

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

females (cont...)

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Edema | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Melanocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Erosion | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Hyperkeratosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Hyperplasia, Melanocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Inflammation, Chronic | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Ulcer | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Hemorrhage | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Necrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cranium, Osteopetrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Femur, Fibro-Osseous Lesion | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Femur, Hyperostosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

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 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | 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 | 4 | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 0 | |
| | 3 | 6 | 3 | 3 | 8 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 1 | 3 | 3 | 3 | 7 | |
| | 2 | 7 | 1 | 3 | 8 | 2 | 1 | 2 | 2 | 2 | 3 | 5 | 3 | 2 | 2 | 2 | 3 | 1 | 3 | 3 | 9 | 3 | 2 | 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 | |
| 30 MG/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 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Cornea, Hyperplasia | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Cornea, Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hyperplasia, Lymphoid | | 2 | 2 | 2 | | | | | | | | | 2 | | | | 2 | | 2 | | | | 2 | | |
| Infarct | | | 4 | | | | | | | 1 | 3 | | | | | 2 | | | | | | | | | |
| Metaplasia, Osseous | | | | | 2 | | | | 2 | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | | |
| Nephropathy | 1 | 1 | 3 | 1 | | 1 | | 1 | 1 | 2 | | | 1 | 2 | 1 | 1 | 2 | | 1 | 2 | | 1 | 1 | 1 | 2 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation, Focal | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | 2 | | | | | | | | | | | | | 2 | | | | 2 | | 2 | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | 1 | | | | | | | | | | | | | | | | |

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Gallbladder | A + A + + + + + + + + + M A + + I M + A A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| Intestine Large, Cecum
Edema | A + A + + + + + + + + + A + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 45 | 1 2.0 |
| Intestine Large, Colon
Edema | A + A + + + + + + + + + A A + + + + + A A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 42 | 2 1.5 |
| Intestine Large, Rectum | A + A + + + + + + + + + A A + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 | |
| Intestine Small, Duodenum | + + A + + + + + + + + + A A + + + + + A A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 | |
| Intestine Small, Ileum
Dilatation | A + A + + + + + + + + + A A + + + + + A A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 42 | 1 4.0 |
| Inflammation, Acute
Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Intestine Small, Jejunum
Necrosis | A + A + + + + + + + + + A A + + + + + A A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 42 | 1 1.0 |
| Liver
Basophilic Focus
Bile Stasis | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 3 |
| | X X | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|
| | 0
7
1
4 | 0
6
9
7 | 0
5
5
7 | 0
7
3
3 | 0
7
3
1 | 0
7
3
2 | 0
7
3
3 | 0
4
6
5 | 0
7
0
4 | 0
7
3
1 | 0
5
7
8 | 0
6
6
8 | 0
6
8
8 | 0
7
3
3 | 0
7
3
6 | 0
7
8
3 | 0
7
3
2 | 0
6
4
6 | 0
7
3
8 | 0
7
3
1 | 0
7
3
2 | 0
6
3
2 | 0
7
3
4 | 0
7
3
2 | | |
| B6C3F1 MICE FEMALE | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 MG/KG | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
0
3
2
0 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
0
3
2
0 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
0
3
2
0 | |
| Clear Cell Focus | | | | | | | | | | | | X | | | X | | | | | | | | | | | 5 |
| Eosinophilic Focus | | | | X | | | X | | | | X | | | | | X | | X | | X | | | | | | 14 |
| Hematopoietic Cell Proliferation | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | 6 1.0 | |
| Hemorrhage | | | | | | | | | | | | 2 | | | | | | | | | | | | | 1 2.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Infarct | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Karyomegaly | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | X | | | 2 | |
| Necrosis, Focal | 4 | | 2 | | | | | | | | | 2 | | 1 | | 2 | | | | | | | | | 10 1.9 | |
| Hepatocyte, Hypertrophy | | | | | | 2 | | | | | | | | | 2 | | | | | | | | 2 | | 5 1.6 | |
| Kupffer Cell, Pigmentation | | | | | | 2 | | | | | | | | | | | | | | | | | | | 2 1.5 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 17 1.8 | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Inflammation, Granulomatous, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Active | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Metaplasia, Hepatocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 12 2.1 | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | 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
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TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | 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 | 6 | 5 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 6 | 6 | 7 | 7 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | | |
| | 1 | 9 | 5 | 3 | 3 | 3 | 3 | 6 | 0 | 3 | 7 | 6 | 8 | 3 | 3 | 8 | 3 | 3 | 1 | 4 | 3 | 3 | 3 | 2 | 3 | |
| | 4 | 7 | 7 | 3 | 1 | 2 | 3 | 5 | 4 | 1 | 7 | 8 | 8 | 3 | 3 | 6 | 3 | 2 | 6 | 8 | 1 | 2 | 2 | 4 | 3 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 30 MG/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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|---|----|-----|-----|
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.3 | | | | |
| Epithelium, Hyperplasia | 3 | | | | | 2 | | | | | | 2 | | | | 1 | | | | | | 2 | | | | | 3 | 4 | 3 | 10 | 2.4 | |
| Stomach, Glandular | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | | |
| Cyst | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | 2 | | | 8 | 2.0 | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Ulcer | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|--|----|-----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Cardiomyopathy | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | 10 | 1.1 |
| Mineralization | | | | 2 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 3 | 1.3 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|--|----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Accessory Adrenal Cortical Nodule | | | | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.3 |
| Degeneration, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Capsule, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 4 | 2 | 2 | 2 | | | | 49 | 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. 95003 - 06
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 6 5 7 7 7 7 4 7 7 5 6 6 7 7 3 7 7 7 6 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 9 5 3 3 3 3 6 0 3 7 6 8 3 3 8 3 3 1 4 3 3 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 7 7 3 1 2 3 5 4 1 7 8 8 3 3 6 3 2 6 8 1 2 2 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 MG/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 | 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 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 | 2.0 |
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 4 | 1.3 |
| Parathyroid Gland | M | + | + | + | + | + | + | + | + | + | + | A | + | + | M | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3.0 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 |
| Pars Distalis, Hyperplasia, Focal | | | | 1 | | 4 | | | | 4 | | | | | 2 | 2 | | | 4 | | | | | | | | 12 | 2.1 |
| Pars Intermedia, Hyperplasia, Focal | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Inflammation, Chronic | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 | 2.0 |
| Follicle, Degeneration, Focal | 2 | 1 | | | 2 | 4 | 2 | 1 | 3 | 1 | 2 | | 1 | 1 | 2 | 2 | 1 | 1 | | | | | 3 | 3 | 1 | 35 | 1.9 | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 | 3.0 |
| Follicular Cell, Hyperplasia, Focal | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|
| Tissue NOS | + | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Abdominal, Fat, Inflammation, Chronic Active | 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
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 Lab: SRI

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Ovary | + + + + + + + + + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 6 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 17 2.1 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 5 3.2 |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Uterus | + + + + + + + + + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Cystic | 4 2 4 4 4 4 4 2 4 2 2 3 1 2 3 4 3 4 4 3 4 | | | | | | | | | | | | | | | | | | | | | | | | 43 3.2 |
| Myometrium, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | 15 |

* .. 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 126

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--|--|
| | 0714 | 0715 | 0716 | 0717 | 0718 | 0719 | 0720 | 0721 | 0722 | 0723 | 0724 | 0725 | 0726 | 0727 | 0728 | 0729 | 0730 | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | | |
| 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 | | |
| 30 MG/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 | 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 | * TOTALS | |
| Ectasia | | | | 4 | | | | | | | 4 | | | | | | | | | | | | | | 6 3.8 | |
| Hemorrhage | | | | 2 | | | | | | | 3 | | | | | | | | | | | | | | 4 2.8 | |
| Iliac, Ectasia | | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Iliac, Hemorrhage | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Iliac, Infiltration Cellular, Histiocyte | | | 4 | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Renal, Ectasia | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Renal, Infiltration Cellular, Histiocyte | | | 4 | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Lymph Node, Mandibular
Hyperplasia, Histiocytic
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | M | + | 46 | 1 3.0
4 2.5 |
| Lymph Node, Mesenteric
Atrophy
Ectasia
Hematopoietic Cell Proliferation | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | A | + | + | + | + | 45 | 2 2.0
1 3.0
1 2.0 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Pigmentation
Lymphoid Follicle, Atrophy
Lymphoid Follicle, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | 48 | 31 3.2
1 3.0
9 1.6
1 1.0
19 1.8 | |
| Thymus
Cyst
Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | I | + | + | + | + | 46 | 4 2.0
10 1.6 |

* .. 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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 7 6 5 7 7 7 7 4 7 7 5 6 6 7 7 3 7 7 7 6 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 9 5 3 3 3 3 6 0 3 7 6 8 3 3 8 3 3 1 4 3 3 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 7 7 3 1 2 3 5 4 1 7 8 8 3 3 6 3 2 6 8 1 2 2 4 3 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 MG/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 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | 1 | 2 | | | 1 | | | | | | | | | | 4 1.3 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | 1 | | 3 1.0 |
| Hyperplasia, Melanocyte | | | | | | | | | | | | | | 1 | | | 2 | | | | | | | | 2 1.5 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | 1 | | 7 1.0 |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 1.5 |
| Epidermis, Site Of Application, Hyperplasia | | | | | 1 | 1 | 1 | 1 | 1 | | 2 | 4 | | | 2 | 1 | | 1 | 1 | | 2 | 1 | 1 | 1 | 31 1.5 |
| Site Of Application, Erosion | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Site Of Application, Hyperkeratosis | | | 1 | | 1 | 1 | 1 | 3 | 1 | | 3 | 4 | | | 2 | 1 | | 1 | 1 | | 2 | 1 | 1 | 1 | 37 1.6 |
| Site Of Application, Hyperplasia, Melanocyte | 1 | | | 1 | 2 | 1 | 1 | 1 | | | 1 | | 1 | 1 | 2 | 1 | | 1 | 1 | | | 1 | 1 | | 33 1.2 |
| Site Of Application, Inflammation, Chronic | | | | | 2 | 1 | 1 | 1 | 2 | | 1 | 4 | 1 | | 2 | 2 | | 2 | 2 | | | | 2 | | 33 1.5 |
| Site Of Application, Ulcer | | | | | | | | | | | | 4 | | | | | | | | | | | | | 2 2.5 |
| Subcutaneous Tissue, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Subcutaneous Tissue, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cranium, Osteopetrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Femur, Fibro-Osseous Lesion | | | 2 | | 1 | | | | | | | | | | 1 | | | 2 | | | | 1 | | | 12 1.9 |
| Femur, Hyperostosis | | | | | | | | | | | | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| | 7 6 5 7 7 7 7 4 7 7 5 6 6 7 7 3 7 7 7 6 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 9 5 3 3 3 3 6 0 3 7 6 8 3 3 8 3 3 1 4 3 3 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 7 7 3 1 2 3 5 4 1 7 8 8 3 3 6 3 2 6 8 1 2 2 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 30 MG/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 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

Skeletal Muscle + + 2

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression | | | | | | | | 3 | | | | | 4 | | | | | | | | | | | | 2 3.5 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 1 | | | 2 1.0 |
| Infiltration Cellular, Lipocyte | | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Congestion | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Hemorrhage | | | | 1 | | | | | | | 1 | | | | | | | | | | | | | | 3 1.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | 1 | | | | | | | 3 | | 3 2.0 |
| Alveolar Epithelium, Hyperplasia | | | | | 3 | | | | | 3 | | | | | | 1 | | | | | | | | | 3 2.3 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES 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. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

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Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|--|
| | 7 6 5 7 7 7 7 4 7 7 5 6 6 7 7 3 7 7 7 6 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 9 5 3 3 3 3 6 0 3 7 6 8 3 3 8 3 3 1 4 3 3 3 2 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 7 7 3 1 2 3 5 4 1 7 8 8 3 3 6 3 2 6 8 1 2 2 4 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS | |
| 30 MG/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 | | |
| | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | 48 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Cornea, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | | | | 3 1.3 |
| Cornea, Inflammation, Chronic | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Focal | | | | 2 | | | 3 | 2 | | | | 3 | | | | 4 | | | | | | | | | 5 2.8 |
| Inflammation, Chronic | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | 3 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hyperplasia, Lymphoid | | 2 | | | 2 | | | 2 | | 2 | 2 | | | | | | | | 2 | 3 | | 2 | 2 | | 16 2.1 |
| Infarct | | | | | | | | | | | | | | 1 | | | | | | 2 | | | | | 6 2.2 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | 1 | | | | | | 3 1.7 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Nephropathy | | 1 | 2 | 1 | 2 | 2 | 1 | | | 1 | 1 | | | 1 | 1 | 4 | 2 | 2 | | | 3 | 1 | 1 | 2 | 36 1.5 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | 2 | | | | | | 2 | | | | | | | | | | | | | | | 2 2.0 |
| Renal Tubule, Dilatation, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | 48 |
| Hyperplasia, Lymphoid | | 2 | | | | | 2 | | | | | | 2 | | | | | | 2 | | | | | 2 | 10 2.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 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
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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 7 7 6 6 7 7 7 7 7 7 7 7 7 5 7 7 7 7 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 8 0 3 3 3 3 2 2 3 3 3 3 2 2 2 3 3 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 3 3 0 3 2 1 1 1 9 9 2 1 3 7 5 9 3 2 2 2 2 1 8 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 MG/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 | 6 | 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 | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | I | + | + | + |
| Intestine Large, Cecum | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | X | X | | | X | X | | | X | | X | | | | | | | | | | | X | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | 1 | | 1 | | | | | | | 1 | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Necrosis, Focal | | | | | | 1 | | | | | | | | | | | | | | | 2 | | 2 | | 1 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | | |
| | 7 | 3 | 3 | 8 | 0 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | | |
| | 9 | 3 | 3 | 0 | 3 | 2 | 1 | 1 | 1 | 9 | 9 | 2 | 1 | 3 | 7 | 5 | 9 | 3 | 2 | 2 | 2 | 2 | 1 | 8 | 9 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 90 MG/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 | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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...) |
| Mesentery | | | | | | + | + | + | | | | | | + | | | | | | + | | | + | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Fat, Necrosis | | | | | | 2 | 1 | | | | | | | 2 | | | | | | | | | 2 | | | |
| Pancreas | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | | |
| Atrophy | | 4 | | | | | | | | | | | | 4 | | | | | | | | | 4 | | | |
| Cyst | | 2 | 2 | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia, Lymphoid | | 2 | 2 | | | | | 2 | | | | | 2 | 2 | | | | | 2 | 2 | | | | 2 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | 3 | |
| Stomach, Glandular | A | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Acute | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| 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 | |
| 3 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 0 | |
| 7 | 3 | 3 | 8 | 0 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | 0 | |
| 9 | 3 | 3 | 0 | 3 | 2 | 1 | 1 | 1 | 9 | 9 | 2 | 1 | 3 | 7 | 5 | 9 | 3 | 2 | 2 | 2 | 2 | 1 | 8 | 9 | 0 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 90 MG/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 | 6 | 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 | |

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart +
 Cardiomyopathy 2 1 1

ENDOCRINE SYSTEM

Adrenal Cortex +
 Accessory Adrenal Cortical Nodule 1
 Degeneration, Fatty
 Hematopoietic Cell Proliferation
 Hypertrophy, Focal 3
 Capsule, Hyperplasia 3 2 2 2 3 2 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2

Adrenal Medulla +
 Hyperplasia

Islets, Pancreatic + + + A A + + + + + + + + + + M + + + + + + + + + + + + +
 Angiectasis
 Hyperplasia 1 1

Parathyroid Gland M + + + + M +
 Inflammation, Chronic

Pituitary Gland + + + A + + + + M + M + + + + + + + + + + + + M + + + + +

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

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 7 7 6 6 7 7 7 7 7 7 7 7 7 5 7 7 7 7 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 8 0 3 3 3 3 2 2 3 3 3 3 2 2 2 3 3 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 3 3 0 3 2 1 1 1 9 9 2 1 3 7 5 9 3 2 2 2 2 1 8 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 MG/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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pars Intermedia, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Thyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Acute | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Ultimobranchial Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Follicle, Degeneration, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Clitoral Gland | + | + | M | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Thrombosis | 2 | | | | 4 | | | 2 | | | | 1 | 2 | 3 | | | | 2 | | | | 1 | 2 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Oviduct | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 135

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| 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 | |
| 3 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | | |
| 7 | 3 | 3 | 8 | 0 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 9 | 2 | | |
| 9 | 3 | 3 | 0 | 3 | 2 | 1 | 1 | 1 | 9 | 9 | 2 | 1 | 3 | 7 | 5 | 9 | 3 | 2 | 2 | 2 | 2 | 1 | 8 | 9 | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 90 MG/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 | | |
| | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Cystic | | 4 | 2 | 4 | 4 | 1 | 1 | | 3 | 1 | 4 | 3 | 4 | 4 | | 4 | 3 | 4 | 1 | 2 | 4 | 4 | 2 | 3 | 4 |
| Hyperplasia, Histiocytic | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Megakaryocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Myelofibrosis | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | M | | | | | | + | + | | + | + | | + | | + | + | | | | + | |
| Ectasia | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Ectasia | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| Iliac, Hemorrhage | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | 3 | | | | 2 | | | | | | | | | | 3 | | | | | | | |
| Ectasia | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 136

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 7 7 6 6 7 7 7 7 7 7 7 7 7 5 7 7 7 7 7 7 7 7 6 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 3 3 8 0 3 3 3 3 2 2 3 3 3 3 2 2 2 3 3 3 3 3 9 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 3 3 0 3 2 1 1 1 9 9 2 1 3 7 5 9 3 2 2 2 2 1 8 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 MG/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...)

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Mammary Gland | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Melanocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | 2 | 2 | 2 | | 3 | 2 | 3 | 1 | 2 | 2 | 1 | 1 | 4 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

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Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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| B6C3F1 MICE FEMALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|---|---|---|---|---|--|---|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|--|
| Site Of Application, Hyperkeratosis | 1 | 1 | | | 2 | 2 | 1 | | | | | 2 | 2 | 2 | | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 4 | 1 | |
| Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Hyperplasia, Melanocyte | 1 | 3 | | 3 | | | 2 | 1 | | 1 | | 4 | | 3 | | 4 | 2 | 2 | 1 | 3 | 3 | | 1 | 3 | | |
| Site Of Application, Inflammation, Chronic | 1 | | | 1 | | 1 | 2 | 1 | | 1 | | 2 | 1 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 3 | 2 | |
| Site Of Application, Ulcer | | | | | | | | | | | | | | | | | | | 1 | | | | | 4 | 4 | |
| Site Of Application, Subcutaneous Tissue, Metaplasia, Osseous | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cranium, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Cranium, Osteopetrosis | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| Femur, Fibro-Osseous Lesion | | | | 1 | | | | 1 | | | | | | | | | | | | | | 1 | | | 1 |
| Femur, Hyperostosis | | | | 2 | | | | 2 | | | | | | | | | 1 | | 2 | | 1 | 2 | | | |
| Vertebra, Arthrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | + |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | 2 | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 1-4 .. Lesion qualified as:
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TDMS No. 95003 - 06
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| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| | 6 7 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 6 7 4 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 5 3 5 2 3 5 3 3 3 3 3 2 3 3 3 3 3 2 3 3 5 3 8 3 9 | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 3 3 9 2 5 1 2 1 3 1 9 2 3 1 2 2 9 2 1 7 2 1 2 9 | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
90 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 4 | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 0 | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Gallbladder | + + + + + A + + + + + + + + + + + + + + + + A + + + + | | | | | | | | | | | | | | | | | | | | | | | | 43 |
| Intestine Large, Cecum | + A + + + + | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Intestine Large, Colon | + + + + + A + + + + + + + + + + + + + + + A + + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Intestine Large, Rectum | + + + + + A + + + + + + + + + + + + + + + A + + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Intestine Small, Duodenum | + + + + + A + + + + + + + + + + + + + + + A + + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Intestine Small, Ileum | + + + + + A + + + + + + + + + + + + + + + A + + + + | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| Intestine Small, Jejunum | + + + + + A + + + + + + + + + + + + + + + A + + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Basophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Clear Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Eosinophilic Focus | X X X X X X X X | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| Hematopoietic Cell Proliferation | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 8 1.0 |
| Hyperplasia, Lymphoid | 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | 6 2.0 |
| Necrosis, Focal | 2 | | | | | | | | | | | | | | | | | | | | | | | | 5 1.6 |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
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 M .. Missing tissue
 A .. Autolysis precludes evaluation
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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----------------|--|
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| | 5 | 3 | 5 | 2 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 5 | 3 | 8 | 3 | 9 | | | |
| | 3 | 3 | 3 | 9 | 2 | 5 | 1 | 2 | 1 | 3 | 1 | 9 | 2 | 3 | 1 | 2 | 2 | 9 | 2 | 1 | 7 | 2 | 1 | 2 | 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 | | | |
| 90 MG/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 | 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 | |
| Mesentery | + | | | | | | + | + | | | + | | | | + | | | | | | | | + | 13 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Fat, Necrosis | 2 | | | | | | 2 | 2 | | | 2 | | | | 2 | | | 2 | | | | | 2 | | 11 | 1.9 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 4.0 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| Hyperplasia, Lymphoid | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | 2 | | | | | | | | | | | | | 1 | 2.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia, Lymphoid | 2 | 2 | 2 | | | | 2 | | 2 | 2 | 2 | 2 | | 2 | | 2 | | | 2 | 2 | | 2 | 2 | 2 | 23 | 2.0 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | 1 | | 2 | | | 5 | 1.8 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 2 | | | 4 | 2.3 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 46 | | |
| Cyst | | | | | 2 | | | | | | | | | | | | | | | | 2 | | | | 4 | 2.0 | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Mineralization | | | | | | | | | | | | 1 | | | 2 | | | | | | | | | | 2 | 1.5 | |
| Tongue | | | | | | | | | | | | | | | + | | | | | | | | | | 1 | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |

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|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| | 6 7 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 6 7 6 7 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 5 3 5 2 3 5 3 3 3 3 3 2 3 3 3 3 3 2 3 3 5 3 8 3 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 3 3 9 2 5 1 2 1 3 1 9 2 3 1 2 2 9 2 1 7 2 1 2 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 |
| 90 MG/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 | 4 |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | + | 1 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | | | | | | | | | | | 2 | | | | 1 | 1 | 1 | 1 | | | | 2 | | | 9 | 1.3 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---|-----|-----|-----|--|---|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 | | | |
| Degeneration, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 1.5 | | | | | |
| Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 | 2.0 | | | |
| Capsule, Hyperplasia | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 50 | | | | |
| 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | |
| Hyperplasia | | | | | | | | 2 | 2 | | | | | | | | | | | 1 | 3 | 1.7 | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | | | |
| Angiectasis | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hyperplasia | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | 2 | 5 | 1.2 | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 2 | | | M | + | + | + | + | 1 | 2.0 | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | | | | |

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 0 | 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 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 4 | | |
| | 5 | 3 | 5 | 2 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 5 | 3 | 8 | 3 | 9 | |
| | 3 | 3 | 3 | 9 | 2 | 5 | 1 | 2 | 1 | 3 | 1 | 9 | 2 | 3 | 1 | 2 | 2 | 9 | 2 | 1 | 7 | 2 | 1 | 2 | 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 | |
| 90 MG/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 | 4 | |
| | 7 | 7 | 7 | 7 | 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 | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Hyperplasia, Cystic | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 1 | 2 | 2 | 4 | 2 | 4 | 3 | 3 | 4 | 2 | 4 | 3 | 4 | 1 | 4 | | 47 | 3.1 | |
| Hyperplasia, Histiocytic | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 1.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Angiectasis | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Megakaryocyte | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Myeloid Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 | 2.0 |
| Lymph Node | + | | | | | | | | | | + | | | | + | | | | | | | | | | | | | | 14 | |
| Ectasia | | | | | | | | | | | 4 | | | | 4 | | | | | | | | | | | | | | 3 | 3.7 |
| Fibrosis | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hemorrhage | | | | | | | | | | | 3 | | | | | | | 4 | | | | | | | | | | | 2 | 3.5 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 1 | 4.0 |
| Iliac, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Iliac, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.5 |
| Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |

* .. 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 6 7 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 6 7 6 7 4
5 3 5 2 3 5 3 3 3 3 3 2 3 3 3 3 3 2 3 3 5 3 8 3 9
3 3 3 9 2 5 1 2 1 3 1 9 2 3 1 2 2 9 2 1 7 2 1 2 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 4
7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 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 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|--|-----|--|--|--|--|---|--------------|---|---------------|--------------|
| Atrophy | 1 2 | | | | | | | | | | | | | | | | | | | | | | 2 | 6 2.2 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | |
| Spleen | + 48 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 4 | 3 | | 3 4 | | 2 3 | | 2 2 | | 3 | | 2 3 | | 2 3 | | 2 4 | | | | | | | | 26 2.8 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | |
| Pigmentation | 3 | | | | | | | | | | | | | | | | | | | | | | 2 | 3 2.3 | |
| Lymphoid Follicle, Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Lymphoid Follicle, Hyperplasia | 2 | 3 1 | | 1 1 | | 1 2 | | 1 | | 1 2 | | 2 1 | | 2 3 | | 2 | | | | | | | | 23 1.6 | |
| Thymus | + 48 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | 2 | 4 2.0 | | | |
| Hemorrhage | 1 | | 2 | | 2 | | 2 | | 1 | | 2 | | 1 | | | | | | | | | | | | 9 1.4 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|---|--------------|---|---------------|---------------|
| Mammary Gland | + 50 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | 2 | 4 2.5 | |
| Pigmentation | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Skin | + 50 | | | | | | | | | | | | | | | | | | | | | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | | |
| Hyperkeratosis | 1 | 2 | | 2 | | 2 | | 1 | | 1 | | 1 | | 2 2 | | 1 1 | | | | | | | | 12 1.4 | |
| Hyperplasia, Melanocyte | | | | | | | | | | | | | | | | | | | | | 1 | 3 1.3 | | | |
| Inflammation, Chronic | 1 2 | | 1 1 | | 2 1 | | 1 1 | | 1 1 | | 1 1 | | 1 1 | | 1 1 | | 1 1 | | | | | | | | 18 1.2 |
| Epidermis, Hyperplasia | 2 | | 2 | | 1 1 | | 1 1 | | 1 1 | | 1 1 | | 1 1 | | 1 1 | | 1 1 | | | | | | | | 9 1.2 |
| Epidermis, Site Of Application, Hyperplasia | 2 | 2 1 | | 1 2 | | 1 3 | | 1 1 | | 2 1 | | 1 1 | | 1 1 | | 1 2 | | 4 1 | | | | | | 33 1.7 | |
| Site Of Application, Erosion | | | | | | | | | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 6 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 4 | |
| | 5 | 3 | 5 | 2 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 5 | 3 | 8 | 3 | 9 |
| | 3 | 3 | 3 | 9 | 2 | 5 | 1 | 2 | 1 | 3 | 1 | 9 | 2 | 3 | 1 | 2 | 2 | 9 | 2 | 1 | 7 | 2 | 1 | 2 | 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 |
| 90 MG/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 | 4 |
| | 7 | 7 | 7 | 7 | 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 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Site Of Application, Hyperkeratosis | 2 | | | 2 | 1 | | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | | 1 | | 2 | 4 | 1 | 2 | 36 1.7 |
| Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | | 3 | | | | | | 1 3.0 |
| Site Of Application, Hyperplasia, Melanocyte | 3 | | 1 | 2 | 3 | | | 1 | 2 | 1 | 2 | | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 2 | 2 | | 36 2.1 |
| Site Of Application, Inflammation, Chronic | 2 | | 1 | 2 | 1 | | | 2 | 1 | 2 | | 2 | 1 | 2 | 1 | 2 | 1 | | 1 | 1 | 1 | 4 | 1 | 1 | | 38 1.6 |
| Site Of Application, Ulcer | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 4 3.3 |
| Site Of Application, Subcutaneous Tissue, Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cranium, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Cranium, Osteopetrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Femur, Fibro-Osseous Lesion | | 1 | | | | | | 2 | | | 2 | 1 | | 1 | | | | | | | | | 1 | | | 10 1.2 |
| Femur, Hyperostosis | | | | | | | | | | | | | | | | | | | | | | | | | | 6 1.7 |
| Vertebra, Arthrosis | | | | | | | | | | | 3 | | | | | | | | | | | | | | | 1 3.0 |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | + | | | 3 | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Compression | | | | 3 | | | | | | | | | | | | 2 | | | | | | | | | | 3 2.7 |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hemorrhage | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 3 1.3 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

| | 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 | | |
| | 6 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 4 | | |
| | 5 | 3 | 5 | 2 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 5 | 3 | 8 | 3 | 9 | |
| | 3 | 3 | 3 | 9 | 2 | 5 | 1 | 2 | 1 | 3 | 1 | 9 | 2 | 3 | 1 | 2 | 2 | 9 | 2 | 1 | 7 | 2 | 1 | 2 | 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 | |
| 90 MG/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 | 4 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

| | | |
|---------------------|---|-----|
| Metaplasia, Osseous | 1 | 2.0 |
| Necrosis, Focal | 2 | 2.0 |
| Spinal Cord | + | 2 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Congestion | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 | 1.0 |
| Hemorrhage | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | 2 | | | | | | | | | | | | 2 | 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | 4 | 2.0 |
| Alveolar Epithelium, Hyperplasia | | | 2 | | 4 | | | | | | | | | | | | | | | 1 | 2 | | | | | 6 | 1.8 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pleura | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Eye | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 47 | |
| Developmental Malformation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 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
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