

TDMS No. 99024 - 08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
CAS Number: 63-05-8

Date Report Requested: 05/13/2008
Time Report Requested: 11:57:55
First Dose M/F: 12/16/02 / 12/16/02
Lab: SRI

F1_M3

C Number: C99024C
Lock Date: 06/29/2006
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.0.0

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

ALIMENTARY SYSTEM

Esophagus	+ +																								
Gallbladder	A + + + + + + + + + + + + + + + A + + + + + + + A + + +																								
Intestine Large, Cecum Edema	+ +																								
Intestine Large, Colon	+ +																								
Intestine Large, Rectum	+ +																								
Intestine Small, Duodenum	A + + + + + + A + + + + + + + + + + + + + + + A + + + +																								
Intestine Small, Ileum Hyperplasia, Lymphoid	+ A + + +																								
Intestine Small, Jejunum Hyperplasia, Lymphoid	+ + + + + + + + + + + + 3 + + + + + + + + + + A M + +																								
Liver	+ +																								
Basophilic Focus	X X																								
Clear Cell Focus	X X																								
Cyst																									
Eosinophilic Focus	X X																								
Hemorrhage																									

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	DAY ON TEST																									males (cont...)		
	0 3 9 8	0 7 3 0	0 7 3 1	0 7 3 1	0 7 3 1	0 7 3 1	0 4 8 9	0 6 8 2	0 7 3 2	0 7 3 2	0 5 3 4	0 7 3 1	0 7 3 1	0 7 3 0	0 5 9 7	0 7 3 1	0 7 3 1	0 7 2 9	0 6 3 0	0 6 8 6	0 5 5 1	0 6 8 0	0 7 5 2	0 0 3 0				
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	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	6	7	
Infiltration Cellular, Mixed Cell																											2	
Mixed Cell Focus				X	X			X			X						X										X	
Necrosis, Focal	2																				4						3	
Vacuolization Cytoplasmic																												
Centrilobular, Necrosis																											3	
Hepatocyte, Vacuolization Cytoplasmic	3	3	3			3						3		2			3	3	3							3		
Kupffer Cell, Hyperplasia																											2	
Mesentery																												
Hemorrhage																												
Fat, Necrosis																												
Pancreas																												
Atrophy	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Acinus, Cytoplasmic Alteration																												
Acinus, Hyperplasia, Focal																												
Salivary Glands																												
Atrophy	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Infiltration Cellular, Lymphocyte																											1	
Stomach, Forestomach																												
Erosion	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Ulcer																												
Epithelium, Hyperplasia																											1	
Stomach, Glandular																												
Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Epithelium, Hyperplasia, Focal																											2	

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

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Degeneration, Focal										1	2			2	2			2		3	2				1

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

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

males
(cont...)

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
				2			2		3	4		2							2	3		2	2	3
Lymph Node																								+
Lymph Node, Mandibular Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Pigmentation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
									3					2			2						2	
Lymph Node, Mesenteric Hematopoietic Cell Proliferation Hemorrhage Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
				2					3													3		
Spleen Accessory Spleen Fibrosis Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
									X															
				2																				
				3			3	2	2	4		3	2						3	4	4	4		4
Thymus Atrophy	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	M	+
																								3

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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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
	3	7	7	7	7	7	4	6	7	7	5	7	7	7	5	7	7	7	6	6	5	6	7	5	
	9	3	3	3	3	3	8	8	3	3	3	3	3	3	9	3	3	2	3	1	3	8	5	3	9
	8	0	1	1	1	1	9	2	2	2	4	1	1	0	7	1	1	9	0	0	6	1	0	2	0
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 MG/KG	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males (cont...)

Inflammation, Chronic																2											
Thrombosis	1											2															
Alveolar Epithelium, Hyperplasia											2																
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Foreign Body																		X									
Inflammation, Chronic																		1	2								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Cataract																3											
Hemorrhage																3											
Inflammation, Chronic																3											
Cornea, Hyperplasia																	1										
Retina, Degeneration																2											
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Cyst	3		3												3	3		3								
Hydronephrosis											1															
Infarct																						2				

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DAY ON TEST	0																									
	3	7	7	7	7	7	4	6	7	7	5	7	7	7	5	7	7	7	6	6	5	6	7	5		
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 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	
Infiltration Cellular, Lymphocyte									2											3			3			
Metaplasia, Osseous												2								1						
Nephropathy			1	1	1	2	1			1	1	3	1			1	1		1	1	1	1	3		1	1
Renal Tubule, Hyperplasia					1											1	1	2			1					
Renal Tubule, Pigmentation																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Edema																										

males
(cont...)

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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	7	5	7	7	7	7	6	7	7	7	7	5	7	7			
	2	3	3	5	3	3	3	3	3	2	2	1	3	2	3	3	8	3	2	2	3	3	6	2	3	
	9	0	1	6	1	3	0	3	1	9	9	3	0	9	0	2	4	2	9	9	1	0	1	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	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	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	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS
Infiltration Cellular, Mixed Cell																										1 2.0
Mixed Cell Focus													X		X		X					X				10
Necrosis, Focal																										3 3.0
Vacuolization Cytoplasmic																								1		1 1.0
Centrilobular, Necrosis																										2 3.0
Hepatocyte, Vacuolization Cytoplasmic	3		2					3					3		4			3			3					17 2.9
Kupffer Cell, Hyperplasia																										1 2.0
Mesentery																										5
Hemorrhage																										2 2.5
Fat, Necrosis																										4 2.3
Pancreas																										50
Atrophy																										1 2.0
Acinus, Cytoplasmic Alteration																										1 3.0
Acinus, Hyperplasia, Focal																										1 2.0
Salivary Glands																										50
Atrophy																										1 1.0
Infiltration Cellular, Lymphocyte																										2 2.5
Stomach, Forestomach																										49
Erosion																										1 1.0
Ulcer																										1 2.0
Epithelium, Hyperplasia																										1 1.0
Stomach, Glandular																										49
Epithelium, Hyperplasia																										1 3.0
Epithelium, Hyperplasia, Focal																										1 2.0

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

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiomyopathy						2											1								4 1.5

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Accessory Adrenal Cortical Nodule				3							3	3													6 3.0
Hyperplasia, Focal												2				2									4 2.3
Hypertrophy, Focal										1	1			1						1					10 1.5
Metaplasia, Osseous																									1 3.0
Capsule, Hyperplasia	3														3						2				5 2.6
Adrenal Medulla	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia	2								3				2							2		2		4	12 2.3
Parathyroid Gland	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cyst																									1 3.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pars Distalis, Cyst			3				3																		4 3.0
Pars Distalis, Hyperplasia, Focal																							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. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Follicle, Degeneration, Focal					2											3						2		2		12 2.0

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Granuloma Sperm																						3				1 3.0
Spermatocoele																										1 3.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst																										1 3.0
Inflammation, Chronic					2								2									2		2		7 2.1
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic					3		2				2															3 2.3
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic							3																			1 3.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Germinal Epithelium, Atrophy							1																			2 1.5

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 13

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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		0		
	7	7	7	5	7	7	7	7	7	7	7	5	7	7	7	7	6	7	7	7	7	5	7	7				
	2	3	3	5	3	3	3	3	3	2	2	1	3	2	3	3	8	3	2	2	3	3	6	2	3			
	9	0	1	6	1	3	0	3	1	9	9	3	0	9	0	2	4	2	9	9	1	0	1	9	1			
B6C3F1 MICE MALE 0 MG/KG	0																								* TOTALS			
	0																									* TOTALS		
	0																										* TOTALS	
	0																											* TOTALS
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	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0			

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
		2		2		4	2		3	2											2		2	2		19 2.4	
Lymph Node		+																								2	
Lymph Node, Mandibular Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Pigmentation	+	+	I	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
																							1			1 1.0	
										2																5 2.2	
										2																1 2.0	
Lymph Node, Mesenteric Hematopoietic Cell Proliferation Hemorrhage Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
							2			2																4 2.3	
							4	2		2																4 2.8	
																										2 2.5	
Spleen Accessory Spleen Fibrosis Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
																										1	
																										1 2.0	
		2	3			4	2		3				2				3			2		3	3	3		23 3.0	
Thymus Atrophy	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	45	
							3										4							3		4 3.3	

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--

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 M .. Missing tissue
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 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 14

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

DAY ON TEST	0 0																								* TOTALS
	7	7	7	5	7	7	7	7	7	7	5	7	7	7	7	6	7	7	7	7	5	7	7		
	2	3	3	5	3	3	3	3	3	2	2	1	3	2	3	3	8	3	2	2	3	3	6	2	3
	9	0	1	6	1	3	0	3	1	9	9	3	0	9	0	2	4	2	9	9	1	0	1	9	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
2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Edema																									1 4.0
Hemorrhage																									1 3.0
Hyperkeratosis																									1 2.0
Epidermis, Hyperplasia																									1 2.0

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skeletal Muscle																									1

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemorrhage																									1 3.0
Peripheral Nerve																									1
Spinal Cord																									1

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemorrhage																									4 1.8
Infiltration Cellular, Histiocyte																									10 3.4

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

Inflammation, Chronic																										1	2.0		
Thrombosis																											2	1.5	
Alveolar Epithelium, Hyperplasia				2																							1	4	1.8
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Foreign Body					X				X												X						4		
Inflammation, Chronic					2													1	1								5	1.4	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cataract																												1	3.0
Hemorrhage																		2										1	2.0
Inflammation, Chronic												2																3	2.0
Cornea, Hyperplasia											2																	1	2.0
Retina, Degeneration																												1	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cyst		3		3							3						3											9	3.0
Hydronephrosis								2																				1	2.0
Infarct										2				1														4	1.5

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TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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	5	7	7	7	7	7	7	7	5	7	7	7	7	6	7	7	7	7	5	7	7					
	2	3	3	5	3	3	3	3	3	2	2	1	3	2	3	3	8	3	2	2	3	3	6	2	3				
	9	0	1	6	1	3	0	3	1	9	9	3	0	9	0	2	4	2	9	9	1	0	1	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				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	0	0	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	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5				
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS			
Infiltration Cellular, Lymphocyte																					2	3	5 2.6						
Metaplasia, Osseous	2																				2	4 1.8							
Nephropathy	1	1		1		2	1	1	2	1	1	1	1	1		1	1	3	1	1	4		1	1	38 1.3				
Renal Tubule, Hyperplasia																					1	7 1.1							
Renal Tubule, Pigmentation					4																								1 4.0
Urinary Bladder																												
Edema	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
					3																								1 3.0

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 Page 17

TDMS No. 99024 - 08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione

CAS Number: 63-05-8

Date Report Requested: 05/13/2008

Time Report Requested: 11:57:55

First Dose M/F: 12/16/02 / 12/16/02

Lab: SRI

DAY ON TEST	0																								
	7	6	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
B6C3F1 MICE MALE 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
ANIMAL ID	0																								
	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
																									males (cont...)

Infiltration Cellular, Mixed Cell																									
Mixed Cell Focus			X			X			X	X		X								X					
Necrosis, Focal																									
Vacuolization Cytoplasmic																									
Hepatocyte, Vacuolization Cytoplasmic				3			3				3	3					3	3				3		3	
Mesentery																									
Fat, Necrosis																									
Pancreas																									
Atrophy																									
Acinus, Cytoplasmic Alteration																									
Salivary Glands																									
Infiltration Cellular, Lymphocyte																									
Stomach, Forestomach																									
Inflammation, Chronic																									
Ulcer																									
Epithelium, Hyperplasia																									
Stomach, Glandular																									
Epithelium, Hyperplasia																									
Tooth																									

CARDIOVASCULAR SYSTEM

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Androstenedione
 CAS Number: 63-05-8

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 Lab: SRI

DAY ON TEST	0																								
	7																								
B6C3F1 MICE MALE 10 MG/KG	3																								
	2																								
ANIMAL ID	0																								
	0																								
10 MG/KG	5																								
	1																								
																									males (cont...)

Heart +
 Cardiomyopathy 1

ENDOCRINE SYSTEM

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

GENERAL BODY SYSTEM

NONE

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 Lab: SRI

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

males
(cont...)

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

INTEGUMENTARY SYSTEM

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

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Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																								
Infiltration Cellular, Histiocyte																								
Metaplasia, Osseous																								
Alveolar Epithelium, Hyperplasia																								

* .. Total animals with tissue examined microscopically; Total animals with lesion 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. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemorrhage																									
Inflammation, Chronic									1		2					1	1								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy					4																				
Cataract																									
Inflammation, Chronic																2									
Cornea, Hyperplasia																2									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lacrimal Gland																									
Duct, Inflammation, Suppurative																+									

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst				3	3	3							3						3			3			3
Hydronephrosis																									
Infarct							2																		
Infiltration Cellular, Lymphocyte			1																						
Metaplasia, Osseous																						2			2

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 + .. Tissue examined microscopically
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 I .. Insufficient tissue
 M .. Missing tissue
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 2) Mild 4) Marked
 Page 24

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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		
	7	6	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	3	5	3	2	3	3	3	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	
	2	2	0	9	1	0	0	7	9	1	2	0	1	0	1	1	2	2	1	1	1	2	9	9	0		
B6C3F1 MICE MALE																										
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	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	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	7	males
	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	(cont...)	
Nephropathy	1		1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	1	
Renal Tubule, Hyperplasia						1				1		1													1		
Renal Tubule, Pigmentation																											
Transitional Epithelium, Hyperplasia																											
																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Edema																											
Transitional Epithelium, Hyperplasia																											

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 2) Mild 4) Marked
 Page 25

TDMS No. 99024 - 08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione

CAS Number: 63-05-8

Date Report Requested: 05/13/2008

Time Report Requested: 11:57:55

First Dose M/F: 12/16/02 / 12/16/02

Lab: SRI

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

ALIMENTARY SYSTEM

Esophagus	+ +																								50
Gallbladder Epithelium, Cytoplasmic Alteration	+ + + + + + + + + + + M + + + + + + + + + + I + + M +																								46 1 3.0
Intestine Large, Cecum Edema	+ +																								49 1 2.0
Intestine Large, Colon	+ +																								50
Intestine Large, Rectum	+ +																								50
Intestine Small, Duodenum	+ +																								49
Intestine Small, Ileum	+ +																								50
Intestine Small, Jejunum Epithelium, Hyperplasia	+ +																								49 1 1.0
Liver Basophilic Focus	+ +																								50 2
Clear Cell Focus	X X																								24
Eosinophilic Focus	X X																								10
Hematopoietic Cell Proliferation	1 4																								1 4.0
Hemorrhage	1																								1 1.0

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TDMS No. 99024 - 08

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione

CAS Number: 63-05-8

Date Report Requested: 05/13/2008

Time Report Requested: 11:57:55

First Dose M/F: 12/16/02 / 12/16/02

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	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7
	2	2	3	3	3	3	3	3	0	3	3	2	2	3	3	9	2	3	3	3	2	3	2	2	2
	9	9	3	0	1	1	0	0	6	1	1	9	9	1	2	3	5	1	1	2	9	1	9	9	1
B6C3F1 MICE MALE 10 MG/KG ANIMAL ID	0																								
	0																								
	0																								
	7																								
	6																								

Infiltration Cellular, Mixed Cell	1																									1	1.0
Mixed Cell Focus										X	X				X				X							10	
Necrosis, Focal				3														4								3	2.7
Vacuolization Cytoplasmic																		2								1	2.0
Hepatocyte, Vacuolization Cytoplasmic								3			3		3	3		2					3					14	2.9
Mesentery				+	+					+	+					+										8	
Fat, Necrosis				3	4					1	2										3					7	2.6
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy				1																						2	1.0
Acinus, Cytoplasmic Alteration		2	2										2													3	2.0
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Lymphocyte					2								3									2				4	2.3
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic															3											1	3.0
Ulcer		3																								1	3.0
Epithelium, Hyperplasia		3							2				3													5	2.2
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Epithelium, Hyperplasia																								2		2	2.0
Tooth																										1	

CARDIOVASCULAR SYSTEM

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+ .. Tissue examined microscopically
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I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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	7	7	7	7	7	6	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7
	2	2	3	3	3	3	3	3	0	3	3	2	2	3	3	9	2	3	3	3	2	3	2	2	2
	9	9	3	0	1	1	0	0	6	1	1	9	9	1	2	3	5	1	1	2	9	1	9	9	1
B6C3F1 MICE MALE 10 MG/KG	0																								* TOTALS
	0																								
	0																								
	0																								
ANIMAL ID	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
ANIMAL ID	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cardiomyopathy									1								1						1		4 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Accessory Adrenal Cortical Nodule																									1 3.0
Hyperplasia, Focal																					2				5 1.8
Hypertrophy, Focal												1			2		2								7 1.3
Capsule, Hyperplasia															2		3				2				4 2.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia				2	2						3	3					2				3	2	3		14 2.5
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	48	
Pituitary Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Cyst					3																			2 3.0	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Follicle, Degeneration, Focal	1	2														2			2					8 1.4	

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Page 28

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

GENITAL SYSTEM

Epididymis	+ +																								50
Preputial Gland	+ +																								50
Cyst																									2 3.0
Inflammation, Chronic	3 2 1																								4 2.0
Prostate	+ +																								50
Seminal Vesicle	+ +																								50
Degeneration																									1 4.0
Testes	+ +																								50
Germinal Epithelium, Atrophy	2 2																								2 2.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+ +																								50
Hyperplasia	3 4 2 2 3 2 3 2 2 2 4 3 4 2 2 2 3 3																								30 2.6
Lymph Node																									1
Lymph Node, Mandibular	+ M + +																								47
Hematopoietic Cell Proliferation																									1 2.0
Hyperplasia, Lymphoid	3 3 3 3																								5 3.0

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

MUSCULOSKELETAL SYSTEM

Bone	+ +																								50
Skeletal Muscle																									1

NERVOUS SYSTEM

Brain	+ +																								50	
Cyst Epithelial Inclusion																									1	
Hemorrhage																									4	1 4.0
Peripheral Nerve																										
Atrophy																										1 2.0
Spinal Cord																										1

RESPIRATORY SYSTEM

Lung	+ +																								50	
Hemorrhage																									1	1 1.0
Infiltration Cellular, Histiocyte																									3	5 2.6
Metaplasia, Osseous																									1	1 1.0
Alveolar Epithelium, Hyperplasia																									1	2 1.5

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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	6	7	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	
	2	2	3	3	3	3	3	0	3	3	2	2	3	3	9	2	3	3	3	2	3	2	2	2	
	9	9	3	0	1	1	0	0	6	1	1	9	9	1	2	3	5	1	1	2	9	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	
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	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	

Nose	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hemorrhage																									3	1 3.0
Inflammation, Chronic																										4 1.3
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Atrophy																										1 4.0
Cataract																									2	1 2.0
Inflammation, Chronic																										1 2.0
Cornea, Hyperplasia																										1 2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lacrimal Gland																									1	1 4.0
Duct, Inflammation, Suppurative																										

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Cyst	3	3	3			3	3						3	3									3	3	16 3.0	
Hydronephrosis											1															2 1.5
Infarct						1																				2 1.0
Infiltration Cellular, Lymphocyte																										2 2.0
Metaplasia, Osseous												2		3												2 2.5

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

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

DAY ON TEST	0 0																								* TOTALS		
	7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 5 7 7 7 7 7 7 7 7																										
ANIMAL ID	2 2 3 3 3 3 3 3 0 3 3 2 2 3 3 9 2 3 3 3 2 3 2 2 2																								* TOTALS		
	9 9 3 0 1 1 0 0 6 1 1 9 9 1 2 3 5 1 1 2 9 1 9 9 1																										
B6C3F1 MICE MALE	0 0																										
10 MG/KG	0 0																										
	7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9																										
	6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0																										
Nephropathy	1	1	2	3	1					1	2	1	1	3	1	1	2	1	1	1	1	1	1	1	1	45	1.2
Renal Tubule, Hyperplasia														1								1				6	1.0
Renal Tubule, Pigmentation																3				3				1		3	2.3
Transitional Epithelium, Hyperplasia																								2		1	2.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Edema				3																						1	3.0
Transitional Epithelium, Hyperplasia													2													1	2.0

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 Page 33

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

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 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

DAY ON TEST	0 0																							
	6 7 7 7 7 7 6 7 7 7 5 7 2 7 7 7 7 7 7 7 6 7 7 7																							
ANIMAL ID	6 2 3 3 2 3 9 2 0 2 4 2 5 2 3 2 3 3 3 3 8 3 3 0																							
	0 9 0 1 9 1 8 9 8 0 0 0 9 6 5 0 9 1 1 1 0 1 3 0 1 1																							
B6C3F1 MICE MALE 20 MG/KG	0 0																							
	0 0																							
	1 1																							
	0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 2 2 2 2																							
	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...)

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+ +																							
Preputial Gland Inflammation, Chronic	+ +																							
Prostate	+ +																							
Seminal Vesicle	+ +																							
Testes Germinal Epithelium, Atrophy	+ +																							

HEMATOPOIETIC SYSTEM

Bone Marrow Atrophy	+ +																							
Hyperplasia	3 3 4 4 3 3 3 2 3 3 3 3																							
Infiltration Cellular, Histiocyte	3 3																							
Myelofibrosis	3 3																							

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TDMS No. 99024 - 08
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 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

DAY ON TEST	0 0																								
	6 7 7 7 7 7 6 7 7 7 5 7 2 7 7 7 7 7 7 7 6 7 7 7																								
ANIMAL ID	6 2 3 3 2 3 9 2 0 2 4 2 5 2 3 2 3 3 3 3 8 3 3 0																								
	0 9 0 1 9 1 8 9 8 0 0 9 6 5 0 9 1 1 1 0 1 3 0 1 1																								
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20 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	
	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...)

Hemorrhage Infiltration Cellular, Histiocyte Thrombosis Alveolar Epithelium, Hyperplasia	2	4												4											
Nose Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland Cyst	3									2														
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
														4										

URINARY SYSTEM

Kidney Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydronephrosis	3												3										3	3
Infarct																						2		
Infiltration Cellular, Lymphocyte Inflammation, Suppurative	3																							
Metaplasia, Osseous	3					4					2				2									

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 M .. Missing tissue
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TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

	DAY ON TEST																									
	0600	0607	0607	0607	0607	0607	0607	0606	0607	0607	0607	0605	0607	0602	0607	0607	0607	0607	0607	0607	0607	0606	0607	0607	0607	
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	
20 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	males (cont...)
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Mineralization											3												3			
Nephropathy		3	1			1	1	2	1		3	2			1	1	1		1	1	1			1	1	
Renal Tubule, Accumulation, Hyaline Droplet													3													
Renal Tubule, Dilatation, Diffuse																								2		
Renal Tubule, Hyperplasia								1									1		1	1	1					
Renal Tubule, Pigmentation												4										1				
Urinary Bladder Transitional Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

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TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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	4	6	7	7	7	7	7	6	6	7	7	6	7	6	7	7	7	7	3	7	7	7	
20 MG/KG	2	2	7	1	3	2	2	3	2	3	7	2	3	2	3	3	2	3	2	3	2	1	2	3	3
	9	9	2	3	0	9	9	2	9	1	3	0	1	9	9	1	2	9	0	9	8	9	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	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	0
Infiltration Cellular, Mixed Cell							3								2										
Mitotic Alteration																									
Mixed Cell Focus						X					X					X		X	X				X		
Necrosis, Focal			4											3											
Vacuolization Cytoplasmic																									
Centrilobular, Necrosis				3											3										
Hepatocyte, Vacuolization Cytoplasmic						3			3	3				3	3			3	1	2	3		3	3	
Kupffer Cell, Hyperplasia																									
Mesentery																								4	
Fat, Necrosis																								2	
Pancreas																								50	
Acinus, Cytoplasmic Alteration																								2	
Salivary Glands																								50	
Infiltration Cellular, Lymphocyte																							2	3	
Stomach, Forestomach																								50	
Ulcer																								1	
Epithelium, Hyperplasia																								1	
Stomach, Glandular																								50	
Edema																								1	
Erosion																								2	

CARDIOVASCULAR SYSTEM

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TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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		0
	7	7	4	6	7	7	7	7	7	6	6	7	7	6	7	6	7	7	7	7	3	7	7	7		
	2	2	7	1	3	2	2	3	2	3	7	2	3	2	3	3	2	3	2	3	2	1	2	3	3	
	9	9	2	3	0	9	9	2	9	1	3	0	1	9	9	9	1	2	9	0	9	8	9	1	1	
ANIMAL ID	0																								* TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	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	

B6C3F1 MICE MALE
20 MG/KG

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Cardiomyopathy																											5	1.0
Inflammation, Chronic																											1	3.0
Mineralization																											1	4.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Accessory Adrenal Cortical Nodule																												3	3.0	
Hyperplasia, Focal																												3	2.0	
Hypertrophy, Focal																												2	1.5	
Capsule, Hyperplasia																												3	2.2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hyperplasia																													1	1.0
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																													2	2.3
Parathyroid Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Cyst																													3	3.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Follicle, Degeneration, Focal																													2	1.9

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 Page 44

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

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 Lab: SRI

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

Hemorrhage																									2		1 2.0
Infiltration Cellular, Histiocyte	4																									3	5 3.4
Thrombosis																									4		1 4.0
Alveolar Epithelium, Hyperplasia																									1	1	2 1.0
Nose	+ +																								49		
Inflammation, Chronic																									2		4 1.3
Trachea	+ +																								50		

SPECIAL SENSES SYSTEM

Eye	+ +																								50		
Inflammation, Chronic																											2 2.5
Harderian Gland	+ +																								50		
Cyst																											1 4.0

URINARY SYSTEM

Kidney	+ +																								50			
Cyst																									3	3	3	9 3.0
Hydronephrosis																												1 2.0
Infarct																												1 1.0
Infiltration Cellular, Lymphocyte	2																									3	3	4 2.8
Inflammation, Suppurative																												1 4.0
Metaplasia, Osseous	1																									2		5 2.0

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 First Dose M/F: 12/16/02 / 12/16/02
 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	4	6	7	7	7	7	7	7	6	6	7	7	6	7	6	7	7	7	7	3	7	7	7	
	2	2	7	1	3	2	2	3	2	3	7	2	3	2	3	2	3	3	2	3	2	1	2	3	3	
	9	9	2	3	0	9	9	2	9	1	3	0	1	9	9	9	1	2	9	0	9	8	9	1	1	
B6C3F1 MICE MALE																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	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	
20 MG/KG	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	* TOTALS
Mineralization																										2 3.0
Nephropathy	1	1	1	3	2	1	1	1	1	1		3	1	1	3	1		1	1	1	1		1	1	1	38 1.3
Renal Tubule, Accumulation, Hyaline Droplet																										1 3.0
Renal Tubule, Dilatation, Diffuse																										1 2.0
Renal Tubule, Hyperplasia							1																			6 1.0
Renal Tubule, Pigmentation													2		4		3						4			6 3.0
Urinary Bladder																										
Transitional Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	2 2.5

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 Page 49

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

DAY ON TEST	0 0																								
	6 7 7 7 5 7 5 6 7 7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 6																								
ANIMAL ID	4 3 3 3 5 3 8 8 3 3 3 3 3 3 9 3 1 3 2 2 3 2 3 2 9																								
	8 1 3 0 4 0 6 8 2 0 0 1 0 1 3 1 2 3 9 9 1 9 1 9 0																								
B6C3F1 MICE MALE 50 MG/KG	0 0																								
	0 0																								
	1 1																								
	5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6																								
	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5																								

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+ +																								
Gallbladder	+ + + + I + A A + + + + + + + M + + M + + + + + + +																								
Intestine Large, Cecum	+ + + + + + + I + + + + + + + + + + + + + + + + +																								
Intestine Large, Colon	+ +																								
Intestine Large, Rectum	+ +																								
Intestine Small, Duodenum	+ + + + + + + + + M + + + + + + + + + + + + + + +																								
Intestine Small, Ileum	+ + + + + + + I + + + + + + + + + + + + + + + + +																								
Intestine Small, Jejunum Hyperplasia, Lymphoid	+ + + + + + + + + + + + + + + + + A + + + + + + + + + 3																								
Liver	+ +																								
Basophilic Focus																									
Clear Cell Focus																									
Cyst	X X																								
Eosinophilic Focus	X X																								
Hemorrhage																									
Infiltration Cellular, Mixed Cell	3																								
Mixed Cell Focus	X X																								

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 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																								
	6	7	7	7	5	7	5	6	7	7	7	7	7	4	7	7	7	7	7	7	7	7	7	6	
4	3	3	3	5	3	8	8	3	3	3	3	3	9	3	1	3	2	2	3	2	3	2	9		
8	1	3	0	4	0	6	8	2	0	0	1	0	1	3	1	2	3	9	9	1	9	1	9	0	
B6C3F1 MICE MALE 50 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	
	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...)

Necrosis																									
Necrosis, Focal																									
Tension Lipidosis																									
Vacuolization Cytoplasmic																									
Centrilobular, Necrosis																									
Hepatocyte, Vacuolization Cytoplasmic	3				3																				
Mesentery																									
Fat, Necrosis																									
Pancreas																									
Thrombosis	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands																									
Atrophy																									
Infiltration Cellular, Lymphocyte																									
Stomach, Forestomach																									
Edema																									
Inflammation, Chronic																									
Epithelium, Hyperplasia																									
Stomach, Glandular																									
Erosion																									

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

DAY ON TEST	0 0																								
	6 7 7 7 5 7 5 6 7 7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 6																								
ANIMAL ID	4 3 3 3 5 3 8 8 3 3 3 3 3 3 9 3 1 3 2 2 3 2 3 2 9																								
	8 1 3 0 4 0 6 8 2 0 0 1 0 1 3 1 2 3 9 9 1 9 1 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
50 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	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...)

Cardiomyopathy 2 1 1 1
 Hemorrhage

ENDOCRINE SYSTEM

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

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DAY ON TEST	0 0																								
	6 7 7 7 5 7 5 6 7 7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 6																								
ANIMAL ID	4 3 3 3 5 3 8 8 3 3 3 3 3 3 9 3 1 3 2 2 3 2 3 2 9																								
	8 1 3 0 4 0 6 8 2 0 0 1 0 1 3 1 2 3 9 9 1 9 1 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
50 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	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...)

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis

+ +

Preputial Gland

+ +

Cyst
Inflammation, Chronic

3 3 3
2 2 1 3

Prostate

+ +

Seminal Vesicle
Inflammation, Chronic

+ +

Testes
Germinal Epithelium, Atrophy

+
2

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia

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

Lymph Node

+

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

+ .. Tissue examined microscopically

x .. Lesion present

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Date Report Requested: 05/13/2008
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 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 7 7 7 5 7 5 6 7 7 7 7 7 7 4 7 7 7 7 7 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 4 3 3 3 5 3 8 8 3 3 3 3 3 3 9 3 1 3 2 2 3 2 3 2 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 1 3 0 4 0 6 8 2 0 0 1 0 1 3 1 2 3 9 9 1 9 1 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 |
| 50 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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic | | | | | | | | | | | | 2 | 2 | 1 | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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 2) Mild 4) Marked

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Epididymis | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Preputial Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Prostate | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Seminal Vesicle | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Testes | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hyperplasia | 4 3 2 2 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | 4 |

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 Page 61

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

ALIMENTARY SYSTEM

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

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

females (cont...)

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | 4 | | | 3 | | 4 | 2 | 4 | | | | 2 | | | | | | | | 4 | 2 | | |
| Lymph Node | | | | | | + | + | | | | | | | + | | + | + | | | + | | + | + | | |
| Iliac, Hemorrhage | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Inguinal, Hyperplasia, Lymphoid | | | | | 2 | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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 |
| | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 7 |
| | 3 | 5 | 3 | 3 | 8 | 2 | 3 | 6 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 7 | 7 | 8 | 3 | 3 |
| | 6 | 9 | 6 | 6 | 9 | 7 | 7 | 5 | 7 | 7 | 3 | 0 | 3 | 3 | 3 | 3 | 7 | 6 | 6 | 6 | 1 | 2 | 7 | 6 | 6 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 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 | 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...)

Epidermis, Hyperplasia

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst Epithelial Inclusion | | | | | X | | | | | | | | | | | | | | | | | | | |
| Gliosis | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Peripheral Nerve | | | | | | + | | | | | | | | | | | | | | | | | | + |
| Atrophy | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord | | | | | | + | | | | | | | | | | | | | | | | | | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | 3 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
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Androstenedione
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 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

females
(cont...)

Infiltration Cellular, Lymphocyte
 Alveolar Epithelium, Hyperplasia

Nose
 Inflammation, Chronic

Trachea

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

SPECIAL SENSES SYSTEM

Eye
 Inflammation, Chronic
 Cornea, Hyperplasia

Harderian Gland
 Hyperplasia, Focal

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

URINARY SYSTEM

Kidney
 Infarct
 Infiltration Cellular, Lymphocyte
 Inflammation, Suppurative
 Metaplasia, Osseous
 Nephropathy
 Glomerulus, Metaplasia
 Renal Tubule, Accumulation, Hyaline

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | 4 | 1 | 3 | | | | | | |
| | | | 2 | | | | | | | 4 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | | 3 | | | | | | | | | | | 1 | 1 | | | | | 1 | 1 | | | | | |
| | | | 1 | | | | | | | | | | | | | | | | | | | | | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | 3 | | | |

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 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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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 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 7 | |
| | 3 | 5 | 3 | 3 | 8 | 2 | 3 | 6 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 7 | 7 | 8 | 3 | 3 | |
| | 6 | 9 | 6 | 6 | 9 | 7 | 7 | 5 | 7 | 7 | 3 | 0 | 3 | 3 | 3 | 3 | 7 | 6 | 6 | 6 | 1 | 2 | 7 | 6 | 6 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 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 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | females |
| | 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 | (cont...) |

Droplet

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--------------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Gallbladder | + + + + + + + + + + + M + + + + + + + + + A + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 44 | |
| Intestine Large, Cecum | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Intestine Small, Duodenum
Metaplasia | + | | | | | | | | | | | | | | | | | | | | | | | | 47 | 1 2.0 |
| Intestine Small, Ileum | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| Intestine Small, Jejunum | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Hematopoietic Cell Proliferation | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 6 2.2 |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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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 | | |
| B6C3F1 MICE FEMALE | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | | |
| 0 MG/KG | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 8 | 3 | 2 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 7 | 2 | 3 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 4 | 6 | 2 | 6 | 6 | 7 | 7 | 1 | 7 | 6 | 6 | 0 | 5 | 6 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | | | | 1 | | | | | | | | | | | | | | | | | | | 2 1.5 | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | X | | | 1 | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | 2 | | | | 3 | | | | | 3 | 1 | | | | | | | | | 6 2.7 | |
| Kupffer Cell, Pigmentation | | | 3 | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | + | | | | | | | | | | | | | | 7 |
| Fat, Necrosis | | | | | | | | | | 4 | | | | | 3 | | | | | | | | | 4 | 7 3.7 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Atrophy | | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | 3 | 3 | | | | 3 | | | 3 | | | | 2 | | | 3 | | | | 3 | | | 10 2.9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

CARDIOVASCULAR SYSTEM

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

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

GENERAL BODY SYSTEM

Tissue NOS + 1

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | M 47 |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 3 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Hyperplasia, Cystic | 3 3 1 3 3 4 2 3 3 3 4 4 2 1 3 3 4 3 3 4 4 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0
44 3.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hyperplasia | 2 3 4 4 4 4 3 4 | | | | | | | | | | | | | | | | | | | | | | | | 14 3.2 |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Iliac, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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 Page 77

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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 | | 0 |
| | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 0 | | |
| | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 8 | 3 | 2 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 7 | 2 | 3 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 4 | 6 | 2 | 6 | 6 | 7 | 7 | 7 | 1 | 7 | 6 | 6 | 0 | 5 | 6 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 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 | | |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 2 | 2 | 2 | 2 | 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 | |

Epidermis, Hyperplasia 3 **1 3.0**

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Fibrosis | | | | | | | | | | | | | | | | | | 3 | | | 2 | | | | | 3 2.3 |
| Hyperostosis | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | + | | | 4 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | 4 | | | | | | 3 | | | | | | | | 2 3.5 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
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 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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 Lab: SRI

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|-----|
| Infiltration Cellular, Lymphocyte Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | 1.0 |
| Nose Inflammation, Chronic | + | | | | | | | | | | | | | | | | | | | | | | | | 2 | 50 | 2.0 |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|-----|
| Eye Inflammation, Chronic | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 2.0 | 1.5 |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.5 |
| Harderian Gland Hyperplasia, Focal | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1.0 | 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|-----|
| Kidney Infarct | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 4.0 | 2.5 |
| Infiltration Cellular, Lymphocyte Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | 2.5 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 | 2.5 |
| Nephropathy | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | 1.0 |
| Glomerulus, Metaplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | 1.0 |
| Renal Tubule, Accumulation, Hyaline | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | 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:
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TDMS No. 99024 - 08

Test Type: CHRONIC

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Androstenedione

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First Dose M/F: 12/16/02 / 12/16/02

Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|----------------------|
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3 | 0
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3 | 0
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9 | 0
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3 | 0
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3
3 | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | |
| Hemorrhage | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | X | X | | | | | | | | | | | | | | | | | X | | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | | | | 4 | | | | | | | | | | 2 | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Hepatocyte, Vacuolization | | | | 1 | | | | | | | | | | | 4 | | | | | | | | 2 | | | |
| Kupffer Cell, Hyperplasia | | | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Submandibular Gland, Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diverticulum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Hepatocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
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|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| | 7 7 7 6 7 7 7 7 7 7 7 7 7 4 7 7 5 7 6 7 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
2 MG/KG | 3 3 3 8 3 3 3 3 3 3 3 3 3 4 3 3 4 3 8 3 3 3 3 3 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 3 3 9 3 3 3 3 3 3 3 7 7 7 6 7 3 0 3 5 3 6 6 6 6 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 MG/KG | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Pars Distalis, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration, Focal | 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia | 1 2 3 | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + + + + + + + + + + + + M + + M + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Corpus Luteum, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Cystic | 3 2 3 3 4 3 3 4 2 4 3 3 3 4 4 4 2 3 4 | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 7 7 6 7 7 7 7 7 7 7 7 7 4 7 7 5 7 6 7 7 7 7 7 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 3 3 8 3 3 3 3 3 3 3 3 3 4 3 3 4 3 8 3 3 3 3 3 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 3 3 9 3 3 3 3 3 3 3 7 7 7 6 7 3 0 3 5 3 6 6 6 6 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
2 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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...) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + + + + + + + + + + + + + A + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 4 3 3 2 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + + + + + + + + + + + + + M + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hematopoietic Cell Proliferation | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hemorrhage | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hematopoietic Cell Proliferation | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + + + + + + + + + + + + + M + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | M + + + + + M + + + + + M + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Nephropathy | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | 1 | 1 | 1 | | | | | | | | | | | |
| Glomerulus, Metaplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Renal Tubule, Accumulation, Hyaline | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 99024 - 08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione

CAS Number: 63-05-8

Date Report Requested: 05/13/2008

Time Report Requested: 11:57:55

First Dose M/F: 12/16/02 / 12/16/02

Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0736 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | 0776 | |
| 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 |
| 2 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Infiltration Cellular, Mixed Cell | | | 3 | | | | | | | | 2 | | | | | | | | 3 | | | | | | 4 2.5 |
| Mixed Cell Focus | | | | | | | | | | | | X | | | | | | | | | | | X | | 5 |
| Necrosis, Focal | | | | | | | | 1 | 2 | | | | | | | | | | | | | | 1 | | 5 2.0 |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Kupffer Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | + | | | | | + | 9 |
| | | | | | | | | | | | | | | | | | | | 4 | | | | | 3 | 6 3.2 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Submandibular Gland, Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 12 2.7 |
| Alteration | | | | | | | | | | | | | | | | | | | | | | | | | 17 1.2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 17 1.2 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diverticulum | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Metaplasia, Hepatocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

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

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

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|-----------------------------------|---|--|---|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|---|------------|------------|---|----------|------------|--|--|---|-----------|------------|
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | | | | |
| Pars Distalis, Hyperplasia, Focal | 1 | | 2 | | | | | | | | | | | | 1 | 1 | | | | | | | | 1 | | | 1 | 8 | 1.3 | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | |
| Follicle, Degeneration, Focal | 2 | | 2 | | | | | | | | | | | | 1 | 1 | | | | | | | | 2 | 2 | | 2 | | 2 | | | 3 | 18 | 1.8 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1.0 | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|------------|------------|---|--|--|-----------|------------|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 47 | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0 | | | | | |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| Cyst | 3 | | | 3 | | | | | | | | | | | | | 3 | 3 | | | | | | | | 3 | 3 | | | 14 | 3.0 |
| Corpus Luteum, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | |
| Hyperplasia, Cystic | 3 | 2 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 2 | | 3 | 4 | 4 | | 3 | 3 | 3 | 1 | 2 | 3 | 2 | 4 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 42 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3.2 | | | | | | |

HEMATOPOIETIC SYSTEM

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * 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 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 4 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | | | | | | | |
| 2 MG/KG | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 5 | 8 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | | | | | | | |
| | 6 | 6 | 6 | 6 | 6 | 3 | 3 | 3 | 2 | 3 | 6 | 6 | 8 | 6 | 6 | 6 | 6 | 0 | 6 | 6 | 2 | 3 | 3 | 3 | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| | 0 | 0 | 0 | 0 | 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 | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | | | |
| Hyperplasia | | | 2 | | | | | | 3 | 2 | 3 | | | | | | 3 | | | | | | 2 | 3 | 18 2.8 | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | |
| Iliac, Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | | | | | | |
| Iliac, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | | | | |
| Iliac, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | | | | |
| Renal, Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.7 | | | | | | |
| Pigmentation | | | 3 | | | | | 3 | | | | | | | | | | | | | | | | | 4 2.8 | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | | | | |
| Hemorrhage | | | | | | | | | | | | | 4 | | | | | | | | | | | | 4 3.5 | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 2 | | | | | | | | 2 | 3 2.3 | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | |
| Hematopoietic Cell Proliferation | | | 3 | 2 | 3 | | | | | | 4 | 2 | 2 | | | | | 1 | 1 | 4 | | | 2 | 2 | 4 | 1 | 3 | 2 | 2 | 29 2.5 | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 2.3 |
| Thymus | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.7 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 94

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
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* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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| | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
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| | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| </ | | | | | | | | | | | | | | | | | | | | | | | | | |

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

females
(cont...)

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 2 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Dilatation | 3 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + + + + + + + + + M + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Interstitial Cell, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Cystic | 3 3 3 1 4 2 4 2 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Dysplasia | 3 3 3 1 4 2 4 2 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 4 3 2 2 2 3 2 2 3 2 3 2 3 2 3 4 1 2 3 4 1 2 3 4 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | 4 3 2 2 2 3 2 2 3 2 3 2 3 2 3 4 1 2 3 4 1 2 3 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. 99024 - 08
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Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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 |
| | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 3 | 7 | 5 | 3 | 3 | 3 | 3 |
| | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 2 | 3 | 7 | 3 | 3 | 3 | 3 | 2 | 0 | 7 | 7 | 7 | 2 | 9 | 3 | 3 | 3 | 3 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | 4 | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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
 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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Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Infiltration Cellular, Histiocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + + + + M M + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glomerulosclerosis | 4 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 3 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | 1 | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 Page 104
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 99024 - 08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione

CAS Number: 63-05-8

Date Report Requested: 05/13/2008

Time Report Requested: 11:57:55

First Dose M/F: 12/16/02 / 12/16/02

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 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | |
| | 3 | 3 | 1 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | |
| | 3 | 3 | 8 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 3 | 0 | 3 | 3 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 10 MG/KG | 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 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | * TOTALS | |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | | | X | | | X | X | | 7 | |
| Necrosis, Focal | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 2 1.0 | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | 3 | | | | | 3 | 3 | | 1 | | | 1 | | | 9 2.1 | |
| Kupffer Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Mesentery | | | | | + | | + | + | + | | | | | + | + | | | | | | + | + | | 14 | |
| Fat, Necrosis | | | | | 2 | | 2 | 4 | 2 | | | | | 3 | 3 | | | | | | 3 | | | 13 3.2 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | | | | | | | | 3 | | | | | | | | | | 4 | | | 2 3.5 | |
| Cyst | | | | | 3 | | | | | 3 | | | | | | | | | | | 3 | | | 3 3.0 | |
| Acinus, Cytoplasmic Alteration | 3 | | | | | | | | | | | | | | | | | | | | | | | 3 3.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | 2 3.0 | |
| Submandibular Gland, Cytoplasmic Alteration | 1 | 1 | 1 | 2 | 1 | | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | | 2 | | 2 | 40 1.4 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 1.0 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |

CARDIOVASCULAR SYSTEM

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

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 Lab: SRI

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

Heart + 50
 Thrombosis 1 2.0

ENDOCRINE SYSTEM

| | | | |
|-----------------------------------|---|----|-----|
| Adrenal Cortex | + | 50 | |
| Accessory Adrenal Cortical Nodule | 3 | 5 | 3.0 |
| Adrenal Medulla | + | 50 | |
| Hyperplasia | 2 | 1 | 2.0 |
| Islets, Pancreatic | + | 49 | |
| Hyperplasia | M | 1 | 3.0 |
| Parathyroid Gland | + | 45 | |
| Cyst | 3 | 1 | 3.0 |
| Pituitary Gland | + | 50 | |
| Pars Distalis, Angiectasis | 3 2 | 2 | 2.5 |
| Pars Distalis, Hyperplasia | | 1 | 4.0 |
| Pars Distalis, Hyperplasia, Focal | 3 1 1 1 1 | 7 | 1.7 |
| Thyroid Gland | + | 48 | |
| Follicle, Cyst | | 3 | 3.0 |
| Follicle, Degeneration, Focal | 2 3 2 1 2 | 20 | 2.0 |
| Follicular Cell, Hyperplasia | | 3 | 1.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
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 First Dose M/F: 12/16/02 / 12/16/02
 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 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | |
| | 3 | 3 | 1 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | |
| | 3 | 3 | 8 | 3 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 3 | 0 | 3 | 3 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 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 | | |
| | 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 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst Epithelial Inclusion | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Ulcer | | | 3 | | | | | | | | | | | | | | | | | | | | | 2 3.5 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | | | | | | | | 2 | | | 3 | | | | | | | 2 | | | | | | 4 2.3 |
| Skeletal Muscle | | | | + | | | | | | | | | | | + | | | | | | | | + | 4 |
| Atrophy | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Compression | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Peripheral Nerve | | | | + | | | | | + | | | | | | M | | | | | | | | | 3 |
| Atrophy | | | 3 | | | | | | 2 | | | | | | | | | | | | | | | 2 2.5 |
| Spinal Cord | | | | + | | | | | + | | | | | | + | | | | | | | | | 4 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemorrhage | | | | | | | | | | | | | | | | 2 | | | | | | | 2 | 3 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. 99024 - 08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione

CAS Number: 63-05-8

Date Report Requested: 05/13/2008

Time Report Requested: 11:57:55

First Dose M/F: 12/16/02 / 12/16/02

Lab: SRI

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Thrombosis | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.5 |
| Inflammation, Chronic | | | | | 1 | | | | | | | | | | | | | | | | | | | | 3 | 2.0 |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Focal | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Glomerulosclerosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.7 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 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. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 6 4 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 6 7 7 1 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 6 2 2 3 3 3 3 3 3 3 3 7 3 2 2 2 1 0 3 5 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 4 3 9 9 7 7 7 7 7 7 7 7 0 7 9 9 9 1 8 7 8 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
50 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 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 Cyst | + A + + + + +
3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + + + + + + I + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + A + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + + + + + X + | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 1 X | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion 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. 99024 - 08
 Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
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 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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 | |
| 5 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 7 | 0 |
| 7 | 5 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 2 | 1 | 0 | 3 | 5 | 3 | 3 | 3 | 0 |
| 7 | 4 | 3 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 9 | 9 | 9 | 1 | 8 | 7 | 8 | 7 | 7 | 7 | 0 |

B6C3F1 MICE FEMALE
50 MG/KG

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Hepatocyte, Vacuolization Cytoplasmic
Oval Cell, Hyperplasia | 1 | 2 | 3 | 3 | 3 | | | | | | | | | 2 | | 3 | | 2 | | | | | | | 2 | | |
| Mesentery
Fat, Necrosis | + | | | | | | | | | | | | | + | | | | | | | | | | | | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Atrophy
Cyst
Acinus, Cytoplasmic Alteration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte
Submandibular Gland, Cytoplasmic
Alteration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| | 1 | | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | 3 | 1 | 2 | 2 | 3 | |
| Stomach, Forestomach
Ulcer
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular
Metaplasia, Hepatocyte
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

CARDIOVASCULAR SYSTEM

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 7 |
| B6C3F1 MICE FEMALE
50 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Focal | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pars Distalis, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Follicle, Degeneration, Focal | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 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. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 6 4 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 6 7 7 1 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 7 5 6 2 2 3 3 3 3 3 3 3 3 3 7 3 2 2 2 1 0 3 5 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 4 3 9 9 7 7 7 7 7 7 7 7 7 0 7 9 9 9 1 8 7 8 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 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 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 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...)

GENERAL BODY SYSTEM

Tissue NOS +

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | 1 | 1 | 3 | 1 | | 1 | 1 | 2 | 1 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 1 | | 2 | |
| Duct, Dilatation | 3 | 3 | 3 | 2 | 3 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 3 | 2 | 3 |
| Ovary | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | 3 | 3 | | | 3 | | | | 3 | | | 3 | | | | | | | | 2 | |
| Hemorrhage | | 2 | | | | | | | 3 | | 2 | 2 | | | | | 2 | | | | 2 | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | 2 | | | | | | | | 2 | | 3 | | | | | | | | | |
| Hyperplasia, Cystic | | 3 | | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | | 3 | 3 | 2 | 3 | 1 | | 3 | | 2 | 3 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | 2 | | | | | | | 2 | | | 2 | | | | | | | 2 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, 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. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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 | |
| 5 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 7 | |
| 7 | 5 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 2 | 1 | 0 | 3 | 5 | 3 | 3 | 3 | |
| 7 | 4 | 3 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 9 | 9 | 9 | 1 | 8 | 7 | 8 | 7 | 7 | 7 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | |
| 50 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 | 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 | |

Lymph Node, Mandibular
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid
 Pigmentation

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | 3 | | | | | | | | | 2 | |

Lymph Node, Mesenteric
 Hemorrhage
 Hyperplasia, Lymphoid

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + |
| | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| | | 2 | | | | | | | | | | | | | | | | | | | | | | |

Spleen
 Accessory Spleen
 Hematopoietic Cell Proliferation
 Lymphoid Follicle, Atrophy
 Lymphoid Follicle, Hyperplasia
 Red Pulp, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | |
| | | | 2 | | | | | | | 1 | | | | | 3 | | | | 2 | | 4 | | | 1 | 3 |
| | | | 3 | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | 3 | | | 2 | | | | | | | | | | | | | | | 2 |

Thymus
 Atrophy

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

Mammary Gland
 Hyperplasia

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

Skin

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 118

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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 |
| | 5 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 |
| | 7 | 5 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 2 | 1 | 0 | 3 | 5 | 3 | 3 |
| | 7 | 4 | 3 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 9 | 9 | 9 | 1 | 8 | 7 | 8 | 7 | 7 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 MG/KG | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Gliosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | 2 | | | 1 | | 2 | | | | | | | | | | | | | 1 | | | | | 1 |
| Infiltration Cellular, Histiocyte | | | 4 | 4 | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 05/13/2008
 Time Report Requested: 11:57:55
 First Dose M/F: 12/16/02 / 12/16/02
 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 |
| | 5 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 |
| | 7 | 5 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 2 | 1 | 0 | 3 | 5 | 3 | 3 |
| | 7 | 4 | 3 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 9 | 9 | 9 | 1 | 8 | 7 | 8 | 7 | 7 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Nose
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Inflammation, Chronic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland
Hyperplasia, Focal | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | | | | | | | | | | | | | | | | | |
| Glomerulus, Metaplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 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 | | |
| | 5 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 7 | |
| | 7 | 5 | 6 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 2 | 1 | 0 | 3 | 5 | 3 | 3 | 3 | |
| | 7 | 4 | 3 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 9 | 9 | 9 | 1 | 8 | 7 | 8 | 7 | 7 | 7 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 50 MG/KG | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | females (cont...) | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 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 121

TDMS No. 99024 - 08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Androstenedione
 CAS Number: 63-05-8

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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 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 8 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 6 | 4 | 9 | 8 | 9 | 9 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 50 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 | |
| | 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 | * TOTALS |

GENERAL BODY SYSTEM

Tissue NOS

1

GENITAL SYSTEM

Clitoral Gland
 Hyperplasia
 Duct, Dilatation

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| 1 | 2 | 2 | 1 | 2 | | 1 | 3 | 2 | | 2 | 2 | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | | 41 2.0 |
| 3 | 3 | 2 | 3 | 4 | | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 3 | 3 | 1 | 1 | 3 | 3 | 2 | 3 | 2 | 3 | | 49 2.6 |

Ovary
 Angiectasis
 Cyst
 Hemorrhage

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| 3 | | | | | | | | | | | 3 | | | | 3 | | 3 | | 3 | 3 | | 3 | 3 | 3 | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 15 2.9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 6 2.2 |

Uterus
 Angiectasis
 Hyperplasia, Cystic

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------|
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| 2 | | | 3 | 2 | 3 | 2 | | 2 | 3 | 2 | | | 1 | 3 | 1 | | | 2 | | 3 | 1 | 3 | 1 | 3 | | 4 2.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 36 2.4 |

HEMATOPOIETIC SYSTEM

Bone Marrow
 Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|--|---------------|
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Lymph Node
 Renal, Hyperplasia, Lymphoid

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

