

TDMS No. 88148 - 07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Reqsted: 02/27/2008

Time Report Reqsted: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

F_1_ M3

C Number: C88148C

Lock Date: 08/31/2005

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25022 ACCK 25021 TSAC 25020 NATD

25019 MSAC 25018 DACC

Removal Date Range: ALL

Treatment Groups: Include ALL

TDMSE Version: 1.9.1

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

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Perforation																							X	+
Epithelium, Necrosis																							2	
Periesophageal Tissue, Inflammation, Chronic Active																							2	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphoid											1												1	
Inflammation, Chronic Active																3								
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Clear Cell Focus											X	X									X	X	X	
Eosinophilic Focus											X										X			

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

Hematopoietic Cell Proliferation	1																								
Hemorrhage																									
Infarct																									
Infiltration Cellular, Lymphoid																									
Inflammation, Chronic Active	1 2 1																								
Mineralization																									
Mixed Cell Focus																									
Pigmentation																									
Tension Lipidosis	2																								
Thrombosis																									
Bile Duct, Hyperplasia																									
Hepatocyte, Necrosis	2 2																								
Hepatocyte, Vacuolization Cytoplasmic	2 2 2 2 2 2 1 2 2 2 1 2 2 2 2 2 1 3 1 2																								
Mesentery	+																								
Fat, Fibrosis	2																								
Fat, Inflammation, Chronic Active																									
Fat, Mineralization																									
Fat, Necrosis	4																								
Pancreas	+																								
Infiltration Cellular, Lymphoid	2																								
Duct, Cyst	1 1 4 1																								
Salivary Glands	+																								
Degeneration																									
Infiltration Cellular, Lymphoid	2 2 1 2 2 1 1 2 1 1 2 1 1 1 2 2 2 2 1 2 1																								
Stomach, Forestomach	+																								
Inflammation, Chronic Active	3 2 2 2																								

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

Epithelium, Cyst																									
Epithelium, Hyperplasia	2 3 2 3 2																								
Epithelium, Ulcer	2 4 4 2 3																								
Stomach, Glandular	+ +																								
Infiltration Cellular, Lymphoid	1 1																								
Epithelium, Hyperplasia	3																								
Epithelium, Glands, Cyst																									
Tooth	+ +																								
Dysplasia	2 3																								
Malformation	X																								

CARDIOVASCULAR SYSTEM

Blood Vessel	+ +																								
Hyperplasia	3																								
Heart	+ +																								
Cardiomyopathy	1 1																								
Infiltration Cellular, Lymphoid																									
Inflammation, Chronic Active																									
Artery, Hyperplasia	2																								
Artery, Inflammation, Chronic Active	3 2																								

ENDOCRINE SYSTEM

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	0 7 2 9	0 7 2 9	0 7 2 8	0 6 1 8	0 7 2 8	0 7 2 8	0 6 1 2	0 6 0 9	0 7 2 9	0 7 2 8	0 7 2 9	0 7 2 8	0 7 2 9	0 6 1 8	0 7 2 9	0 7 2 8	0 7 2 9	0 7 2 8	0 7 2 9	0 7 2 8	0 6 1 9	0 7 2 8	0 7 2 9	0 6 1 8			
B6C3F1 MICE MALE	ANIMAL ID																										
0 MG/KG	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5		
Adrenal Cortex	+ +																										
Hyperplasia																										2	
Hypertrophy																										2	
Subcapsular, Hyperplasia	1	1	1		1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2				1	
Adrenal Medulla	+ +																										
Islets, Pancreatic	+ +																										
Hyperplasia																										3	
Parathyroid Gland	+ + + + + + + M + + + + + + + M + + + + + + + + +																										
Cyst																										2	
Pituitary Gland	+ + + + + + + + + + + + + + + + + M + + + + + + + + +																										
Pars Distalis, Cyst																										2	
Pars Distalis, Cyst, Multiple	2																										
Thyroid Gland	+ +																										
Inflammation, Chronic Active																										3	
Follicle, Degeneration																										2	

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Coagulating Gland	+ +
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	0 7 2 9	0 7 2 9	0 7 2 8	0 6 1 8	0 7 2 8	0 7 2 8	0 6 1 2	0 6 0 9	0 7 2 9	0 7 2 8	0 7 2 9	0 7 2 8	0 7 2 9	0 6 1 8	0 7 2 8	0 7 2 9	0 7 2 8	0 7 2 9	0 7 2 8	0 7 2 9	0 6 1 8	0 7 2 8	0 7 2 9	0 6 1 8		
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	
Atrophy										4																
Dilatation																										
Infiltration Cellular, Lymphoid Epithelium, Hyperplasia				2			1	1															1	1		
Ductus Deferens	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy										4																
Granuloma Sperm										4																
Infiltration Cellular, Lymphoid	1	1	1	1	2	1	2	2		2	1	1	1	2		1	1		1	1	1	2	1	1	1	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy										4	4					3	4		3	3		3	3			
Infiltration Cellular, Lymphoid																						1	2	1		
Duct, Ectasia				4			4			3						4	4		4	3				4		
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphoid																										
Inflammation, Chronic Active																										
Mineralization																										
Artery, Hyperplasia																										
Artery, Inflammation, Chronic Active																										
Epithelium, Hyperplasia																										
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Atrophy																										
Dilatation	4						2																			

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	6	7	7	6	6	7	7	7	7	7	6	7	7	7	7	7	7	7	6	7	7	0	
	2	2	2	1	2	2	1	0	2	2	2	2	2	0	1	1	2	2	2	2	2	7	0	2		
	9	9	8	8	8	8	2	9	9	8	9	9	8	8	9	8	1	1	9	8	8	9	8	0	9	
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	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	
	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	

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																									
Germinal Epithelium, Degeneration										4									1		1				2

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia			4	4						4				4	4	4	4							4	
Erythroid Cell, Hyperplasia																									
Lymph Node				+											+										
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid														4	4		2								
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid														4											
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy									2														3		
Hematopoietic Cell Proliferation				3		4		2	3						3	3	3							3	
Artery, Hyperplasia																3									
Artery, Inflammation, Chronic Active																3									
Thymus	+	+	M	M	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+
Atrophy							3	3								4	4	4						4	
Cyst																			2					2	
Cyst, Multiple	2	1			1	2			2		1	2	2					2		2	2	2		2	

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2	2	2	1	2	2	1	0	2	2	2	2	2	0	1	1	2	2	2	2	2	7	0	2		
9	9	8	8	8	8	2	9	9	8	9	9	8	8	9	8	1	1	9	8	8	9	8	0	9	
ANIMAL ID	0																								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	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	
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...)

Ectopic Parathyroid Gland 2 2 1 2

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active															3		3						
Dermis, Fibrosis															3		4						
Epidermis, Hyperplasia															3		3						
Epidermis, Ulcer															4		4						
Hair Follicle, Dilatation						1	1			2				1	2								1
Sebaceous Gland, Atrophy		3	1				2	4		4				2		3							4

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphoid																							

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																	2						

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	7	7	7	6	7	7	6	6	7	7	7	7	7	6	7	7	7	7	7	7	7	6	7	7	
	2	2	2	1	2	2	1	0	2	2	2	2	2	0	1	1	2	2	2	2	2	7	0	2	
	9	9	8	8	8	8	2	9	9	8	9	9	8	8	9	8	1	1	9	8	8	9	8	0	9
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	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	
	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...)

Spinal Cord +

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar Epithelium, Hyperplasia	3											2						2			2			
Alveolus, Infiltration Cellular, Histiocyte	3																							
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nasolacrimal Duct, Inflammation, Chronic Active																								
Nasolacrimal Duct, Squamous Epithelium, Hyperplasia																							1	
Pleura																								+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Anterior Chamber, Cornea, Inflammation, Suppurative																							4	
Cornea, Inflammation, Chronic Active																								
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia			4																					

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 2) Mild 4) Marked

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

males (cont...)

Infiltration Cellular, Lymphoid 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hydronephrosis										2																
Infarct					4								2								2					
Infiltration Cellular, Lymphoid		1	2		2	2			2	1	2	2	1	1				2	1	1	1	2	1	2	1	
Metaplasia, Osseous																	1	2								
Mineralization	1	1			1	1	1		1		1	1	1	1	1	1			1	1	1		1	1	1	
Nephropathy	1	1	2	1	1	2	1		2	3	1	1	1	1	1	1			2	1	1	1	1	1	3	1
Artery, Inflammation, Chronic Active																		3								
Cortex, Cyst														2	2		2				2					
Pelvis, Hyperplasia																		1								
Renal Tubule, Dilatation																									2	
Renal Tubule, Hyperplasia												2														
Ureter	+	+	+	+	M	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Urethra	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																						2				
Artery, Hyperplasia																						4				
Artery, Inflammation, Chronic Active																						3				
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphoid	1			1	1	2	1	1		1	1	1							1	1		1	1	1	2	

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 Page 10

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

ALIMENTARY SYSTEM

Esophagus	+																								50			
Perforation																										1		
Epithelium, Necrosis																										2.0		
Periesophageal Tissue, Inflammation, Chronic Active																										2.0		
Gallbladder	+																								49			
Infiltration Cellular, Lymphoid																										2		
Inflammation, Chronic Active																										1.0		
Intestine Large, Cecum	+																								50			
Intestine Large, Colon	+																								50			
Intestine Large, Rectum	+																								50			
Intestine Small, Duodenum	+																								50			
Intestine Small, Ileum	+																								50			
Intestine Small, Jejunum	+																								50			
Liver	+																								50			
Clear Cell Focus	X																											
Eosinophilic Focus				X					X						X	X					X	X						
																										5		

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	DAY ON TEST																								* TOTALS
	0729	0765	0777	0778	0788	0794	0804	0809	0813	0815	0817	0818	0819	0820	0821	0822	0823	0824	0825	0826	0827	0828	0829	0830	
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	
ANIMAL ID	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	226	278	229	230	331	332	333	334	335	336	337	338	339	440	441	442	443	444	445	446	447	448	449	500	
Hematopoietic Cell Proliferation																						2		2 1.5	
Hemorrhage										2														1 2.0	
Infarct																								1 4.0	
Infiltration Cellular, Lymphoid					1									2	1			1						7 1.3	
Inflammation, Chronic Active	1		1		1				1	1	1	1	2	1	1	1	1	3	1	1		1	1	35 1.2	
Mineralization																								1 1.0	
Mixed Cell Focus					X												X				X			4	
Pigmentation																			2					2 1.5	
Tension Lipidosis																2								2 2.0	
Thrombosis										4														1 4.0	
Bile Duct, Hyperplasia																				2				1 2.0	
Hepatocyte, Necrosis										3			2											5 2.2	
Hepatocyte, Vacuolization Cytoplasmic	2		2		1				3			2		3	3					2	2	2	2	31 2.0	
Mesentery																								5	
Fat, Fibrosis																								4 2.8	
Fat, Inflammation, Chronic Active																								3 2.0	
Fat, Mineralization																								1 2.0	
Fat, Necrosis																								4 4.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Infiltration Cellular, Lymphoid																								6 1.2	
Duct, Cyst					1																			1 4.0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Degeneration																								1 3.0	
Infiltration Cellular, Lymphoid	1	1	1	1	2	1	1	1	1	1		2	1	2	1	1	1	2	1	1	1		1 1 2	43 1.3	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic Active																								6 2.3	

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Lab: BAT

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

Epithelium, Cyst																									2	1	2.0	
Epithelium, Hyperplasia	3												3												8	2.5		
Epithelium, Ulcer													4												5	3.4		
Stomach, Glandular	+ +																								50			
Infiltration Cellular, Lymphoid	1																								3	1.0		
Epithelium, Hyperplasia																									1	3.0		
Epithelium, Glands, Cyst	2												2 1												1	1	5	1.4
Tooth	+ +																								8			
Dysplasia													4												3	3.0		
Malformation	X												X												4			

CARDIOVASCULAR SYSTEM

Blood Vessel	+ +																								50		
Hyperplasia																									1	3.0	
Heart	+ +																								50		
Cardiomyopathy													2 2 1												5	1.4	
Infiltration Cellular, Lymphoid																									1	1.0	
Inflammation, Chronic Active													3												1	3.0	
Artery, Hyperplasia																									1	2.0	
Artery, Inflammation, Chronic Active																									2	2.5	

ENDOCRINE SYSTEM

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	DAY ON TEST																									
	0729	0675	0779	0778	0778	0664	0554	0757	0557	0777	0777	0777	0777	0667	0777	0777	0777	0777	0777	0777	0477	0777	0777	0777		
B6C3F1 MICE MALE	0029	0075	0079	0078	0078	0064	0054	0057	0077	0077	0077	0077	0067	0077	0077	0077	0077	0077	0077	0077	0077	0077	0077	0077		
0 MG/KG	0006	0007	0008	0009	0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	* TOTALS	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																									1 2.0	
Hypertrophy	1		1		2																2		2		9 1.7	
Subcapsular, Hyperplasia	2	1	1	1	1	1	1	2	1		1	1	2	2	2	2	1	1	2	1	1	2	2	1	1	45 1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia					4			2			2														5 2.6	
Parathyroid Gland	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cyst																									1 2.0	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Pars Distalis, Cyst																									2 1.5	
Pars Distalis, Cyst, Multiple																									1 2.0	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Inflammation, Chronic Active																									2 2.5	
Follicle, Degeneration																									1 1.0	

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
-------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

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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	6	7	7	7	6	5	7	5	7	7	7	7	7	6	7	7	7	7	7	7	4	7	7					
	2	2	2	2	2	9	8	2	6	2	2	2	2	2	8	2	2	2	2	2	2	8	2	2					
	9	5	9	8	8	4	4	9	3	9	8	8	9	8	2	9	9	9	9	9	8	8	6	9					
B6C3F1 MICE MALE																													
0 MG/KG	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5				
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0				
																									* TOTALS				
Atrophy																									1	4.0			
Dilatation																									1	2	1	9	1.3
Infiltration Cellular, Lymphoid Epithelium, Hyperplasia																											2	3	1.0
																												1	2.0
Ductus Deferens	+ +																								50				
Epididymis	+ +																								50				
Atrophy																										1	4.0		
Granuloma Sperm																										1	4.0		
Infiltration Cellular, Lymphoid					1		1		1	1		1	1	1	1		1	2	1	1	1	1		1	1	2	40	1.2	
Preputial Gland	+ +																								50				
Atrophy					3		3		4	3		4		3	3		3					4	3	3		20	3.4		
Infiltration Cellular, Lymphoid Duct, Ectasia	1	2						2			2	2	1	1				2	2	2	1					18	1.6		
			3	4	3			3	3		3				3				3			3	3	3		19	3.4		
Prostate	+ +																								50				
Infiltration Cellular, Lymphoid	1			1	1	1	1		1		1	1	2	1	2		2	1	2	1	1	2	1	2	2	2	42	1.3	
Inflammation, Chronic Active																										3	1.3		
Mineralization																										1	1.0		
Artery, Hyperplasia																										1	3.0		
Artery, Inflammation, Chronic Active																										1	2.0		
Epithelium, Hyperplasia																											2	4	2.0
Seminal Vesicle	+ +																								50				
Atrophy																										1	4.0		
Dilatation					3	2			3						1			2					2		12	2.3			

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

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mineralization																										13 4.0
Germinal Epithelium, Degeneration																										8 2.0

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia			4		4																					13 4.0
Erythroid Cell, Hyperplasia																										1 4.0
Lymph Node																										2
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hyperplasia, Lymphoid																										3 3.3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hyperplasia, Lymphoid																										1 4.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy																										2 2.5
Hematopoietic Cell Proliferation			3		3	2	3	3		3	3		4													18 2.9
Artery, Hyperplasia																										1 3.0
Artery, Inflammation, Chronic Active																										1 3.0
Thymus	+	+	M	+	M	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Atrophy			3		4		4	3																		11 3.5
Cyst																										5 2.0
Cyst, Multiple																										19 1.8

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

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

	DAY ON TEST																								* TOTALS
	0729	0765	0777	0777	0777	0765	0755	0775	0755	0777	0777	0777	0777	0766	0777	0777	0777	0777	0777	0777	0777	0777	0777	0777	
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	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

Ectopic Parathyroid Gland	2																									8	1.9
---------------------------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	-----

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Inflammation, Chronic Active		2																										3	2.7		
Dermis, Fibrosis		2																											3	3.0	
Epidermis, Hyperplasia		3																											3	3.0	
Epidermis, Ulcer		4																											3	4.0	
Hair Follicle, Dilatation																1													7	1.3	
Sebaceous Gland, Atrophy		2		4		4							3				1												13	2.8	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Infiltration Cellular, Lymphoid				1									1																	2	1.0	

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Inflammation, Chronic Active																														1	2.0	

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Page 17

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

Spinal Cord

1

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50				
Alveolar Epithelium, Hyperplasia																									5	2.2		
Alveolus, Infiltration Cellular, Histiocyte															3	4										4	3.0	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Nasolacrimal Duct, Inflammation, Chronic Active																										1	1	1.0
Nasolacrimal Duct, Squamous Epithelium, Hyperplasia																										2	2	1.5
Pleura																												1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50				
Anterior Chamber, Cornea, Inflammation, Suppurative																												1	4.0
Cornea, Inflammation, Chronic Active																											2	1	2.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50				
Hyperplasia																											2	3	2.7

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TDMS No. 88148 - 07
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 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

Infiltration Cellular, Lymphoid	1	1	1	1						1	1	2	2	1	1	1	2	1	1		1	1	1	1	33
																									1.2

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hydronephrosis																									1
Infarct	2																								4
Infiltration Cellular, Lymphoid	1		1	1	2	2		1		1	1	2	1	3		1	2	1	1	2	1	2	1	1	39
Metaplasia, Osseous																									2
Mineralization	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40
Nephropathy	1	1	1	3	1	3	2	1	2	1	1	2	1	1	2		1	1	1	1	1	1	1	3	47
Artery, Inflammation, Chronic Active															2										2
Cortex, Cyst									2				2				2		2	2			2		11
Pelvis, Hyperplasia																									1
Renal Tubule, Dilatation																									1
Renal Tubule, Hyperplasia																									1
Ureter	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	43
Urethra	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Inflammation, Chronic Active																									1
Artery, Hyperplasia																									1
Artery, Inflammation, Chronic Active																									1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infiltration Cellular, Lymphoid			1							1		1	1			1	1				1			1	25
																									1.1

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 Page 19

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

ALIMENTARY SYSTEM

Esophagus	+ +																								
Gallbladder	+ +																								
Intestine Large, Cecum	+ +																								
Intestine Large, Colon	+ +																								
Intestine Large, Rectum	+ +																								
Intestine Small, Duodenum Intussusception	+ +																								
Intestine Small, Ileum	+ +																								
Intestine Small, Jejunum	+ +																								
Liver	+ +																								
Amyloid Deposition	2																								
Atypia Cellular																									
Basophilic Focus	X																								
Clear Cell Focus	X X																								
Eosinophilic Focus	X																								
Hematopoietic Cell Proliferation	1 2 1 2																								
Infarct	4																								

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First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

	DAY ON TEST																									males (cont...)
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	3	1	7	7	7	6	5	7	5	7	7	7	7	7	6	6	5	6	6	7	7	5	7		
	5	8	6	2	2	2	0	7	2	9	2	2	2	2	2	6	4	2	8	2	2	2	5	2		
	9	0	5	8	9	8	0	4	8	1	8	9	9	9	8	0	2	4	2	4	9	8	2	8		
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		
3 MG/KG	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Infiltration Cellular, Lymphoid					1				1		1	1		1	1			1					1			
Inflammation, Chronic Active				1	1	1			1		1	1	1	1	1		1			1		1				
Mineralization															2											
Mixed Cell Focus				X	X																X	X		X		
Pigmentation																										
Tension Lipidosis																			2							
Hepatocyte, Necrosis																					3	2		3		
Hepatocyte, Vacuolization Cytoplasmic	1			1	2	3			2	3	2	2	1		2	1		2		2			1	2		
Mesentery									+		+		+							+						
Fat, Fibrosis									3																	
Fat, Inflammation, Chronic Active									2		3		4							3						
Fat, Mineralization									2		1															
Fat, Necrosis									4				4													
Oral Mucosa																										
Gingival, Inflammation, Chronic Active																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Infiltration Cellular, Lymphoid												1	1													
Inflammation, Chronic Active					2													2								
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Infiltration Cellular, Lymphoid	1	1		1	1	1			1		2	1	1	1	1		1	1		1	1		1	2	2	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Inflammation, Chronic Active																										
Epithelium, Hyperplasia									2	3	1	1	2			1							1	1		
Epithelium, Ulcer									2																	

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Page 21

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

Stomach, Glandular	+ +																								
Infiltration Cellular, Lymphoid																									
Infiltration Cellular, Mast Cell																									
Inflammation, Chronic Active																									
Mineralization																									
Epithelium, Hyperplasia, Focal																									
Epithelium, Glands, Cyst																									

Tongue																									
Cyst, Multiple																									
Artery, Inflammation, Chronic Active																									

Tooth																									
Malformation																									

CARDIOVASCULAR SYSTEM

Blood Vessel	+ +																								
Aorta, Inflammation, Chronic Active																									

Heart	+ +																								
Cardiomyopathy																									
Hyperplasia, Atypical																									
Inflammation, Chronic Active																									
Mineralization																									
Artery, Inflammation, Chronic Active																									
Myocardium, Necrosis																									

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TDMS No. 88148 - 07
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

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 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

males (cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule			2																					
Hypertrophy																								
Subcapsular, Hyperplasia	2				2	2			1	1	1	2	1		2	1	1			1	1	1	1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																								
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst, Multiple																								
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Cyst			2	2		2																		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicle, Cyst						2																		

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

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Lab: BAT

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

Coagulating Gland	+ +																								
Dilatation	2 2 3 4 4 2																								
Fibrosis	3 1																								
Infiltration Cellular, Lymphoid	1 1 1																								
Inflammation, Chronic Active	2 2																								
Epithelium, Hyperplasia																									
Ductus Deferens	+ +																								
Epididymis	+ +																								
Cyst																									
Granuloma Sperm	2 3																								
Infiltration Cellular, Lymphoid	1 1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																								
Inflammation, Chronic Active	2 3																								
Preputial Gland	+ +																								
Atrophy	3 4 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4																								
Infiltration Cellular, Lymphoid																									
Inflammation, Chronic Active	2																								
Duct, Ectasia	4 4 3 3 3 2 4 4 4 2 3																								
Prostate	+ +																								
Fibrosis	4																								
Infiltration Cellular, Lymphoid	2 2 2 2 2 1 2 2 1 2 2 1 1 2 1 1 2 1 1 2 2 1 2																								
Inflammation, Chronic Active	4 2 4 3 2 1 4																								
Seminal Vesicle	+ +																								
Dilatation	2 2 4 2 2 2 4 4																								

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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. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

males
(cont...)

Fibrosis	3																								
Inflammation, Chronic Active Epithelium, Hyperplasia	3																								
Testes	+																								
Mineralization	1																								
Germinal Epithelium, Degeneration																									

HEMATOPOIETIC SYSTEM

Bone Marrow	+																								
Hyperplasia	4 4 4 4 4																								
Lymph Node	+																								
Lymph Node, Mandibular	+																								
Hyperplasia, Lymphoid	4 4 4 3																								
Hyperplasia, Plasma Cell																									
Lymph Node, Mesenteric	+																								
Spleen	+																								
Amyloid Deposition	2 2																								
Atrophy	3 3 4 3 2 3																								
Hematopoietic Cell Proliferation	3 3 4 2																								
Thymus	+																								
Atrophy	4 4 4 4 4 4 4 4																								

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

Cyst																									
Cyst, Multiple				2	2		2				2	2				2	2	2	2	2			2	2	
Ectopic Parathyroid Gland															1	2									

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion												4													
Inflammation, Chronic Active				3		2						4							3	4			4		
Dermis, Fibrosis				3		2						3							4	3			2		
Dermis, Metaplasia, Osseous						3																			
Epidermis, Hyperkeratosis						4																			
Epidermis, Hyperplasia				3		2						3							2	3			3		
Epidermis, Ulcer				4		4						4							4	4			4		
Hair Follicle, Dilatation	1							1	1		1			1	1					2		2			
Sebaceous Gland, Atrophy			1					4	4				1				2	2		3				1	

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteopetrosis										3															
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Inflammation, Chronic Active																							2		

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+ .. Tissue examined microscopically

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

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

NERVOUS SYSTEM

Brain Degeneration	+ +																								
	1																								

RESPIRATORY SYSTEM

Lung Fibrosis	+ +																								
Infiltration Cellular, Lymphoid																									
Inflammation, Chronic Active	1																								
Alveolar Epithelium, Hyperplasia	2																								
Alveolus, Infiltration Cellular, Histiocyte	4 4																								
Mediastinum, Inflammation, Chronic Active	3																								
Nose	+ +																								
Pleura																									
Trachea	+ +																								

SPECIAL SENSES SYSTEM

Ear																									
-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Eye	+ +																								
Optic Nerve, Inflammation, Chronic Active	3																								
Harderian Gland	+ +																								
Hyperplasia	4																								
Infiltration Cellular, Lymphoid	1 2 1 1 1 1																								
Inflammation, Chronic Active	2 1 1 1 2																								

URINARY SYSTEM

Kidney	+ +																								
Hydronephrosis	2 3 2 2 2 1 1 1 1 2 4																								
Infiltration Cellular, Lymphoid	1 3 1 2 2 2 1 1 1 1 2 2 2 2 1 1 2																								
Metaplasia, Osseous	2 2																								
Mineralization	1 1 1 1 2 1																								
Nephropathy	2 1 1 1 3 1 3 1 1 1 1 1 1 1 1 1 1 2 3 1 2 1																								
Artery, Inflammation, Chronic Active	3																								
Cortex, Cyst	2 2 1 2																								
Glomerulus, Amyloid Deposition	4 4 1 2																								
Papilla, Necrosis	4																								
Renal Tubule, Dilatation	2 2 4 3 3																								
Ureter	+ + + M + M + + M + + + + + + + + + + + + + + + +																								
Dilatation	4 4 3 3																								
Inflammation, Chronic Active	4 3																								
Urethra	+ +																								
Dilatation	4 4																								
Glands, Transitional Epithelium,	4 2 4 2 4																								

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TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

Hyperplasia Transitional Epithelium, Inflammation, Chronic Active																										2
.....																										
Urinary Bladder Infiltration Cellular, Lymphoid Inflammation, Chronic Active Transitional Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
					1	1				1	1	1	1						2	1						

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

ALIMENTARY SYSTEM

Esophagus	+ +																								50					
Gallbladder	+ +																								50					
Intestine Large, Cecum	+ +																								50					
Intestine Large, Colon	+ +																								50					
Intestine Large, Rectum	+ +																								50					
Intestine Small, Duodenum	+ +																								50					
Intussusception																									4	1 4.0				
Intestine Small, Ileum	+ +																								50					
Intestine Small, Jejunum	+ +																								50					
Liver	+ +																								50					
Amyloid Deposition																									3	3 2.7				
Atypia Cellular																									2	1 2.0				
Basophilic Focus																										4				
Clear Cell Focus	X																								X	6				
Eosinophilic Focus																										1				
Hematopoietic Cell Proliferation																									1	1	2	1	2	9 1.4
Infarct																														1 4.0

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	DAY ON TEST																								* TOTALS
	0728	0728	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	
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
3 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
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	2	2	2	2	7	2	2	2	2	2	6	2	2	8	2	2	2	6	2	2	1	8	2	4	4
	8	8	9	9	8	9	8	8	8	9	8	9	9	8	0	9	8	8	8	9	9	6	2	8	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	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, Lymphoid							1			1					1	1					1	1	1	2	16
Inflammation, Chronic Active	1	1	1	1	1		1		1	2	1		1	1	1	1	1			1	1	1	2	1	32
Mineralization																									1
Mixed Cell Focus									X																6
Pigmentation															2		2								1
Tension Lipidosis														2	1							2	2		5
Hepatocyte, Necrosis																								2	4
Hepatocyte, Vacuolization Cytoplasmic	2	2	2	2	2		1	2	3	1		1			2		2	1		2			1	1	31
Mesentery																									+
Fat, Fibrosis																									2
Fat, Inflammation, Chronic Active																									2
Fat, Mineralization																									2
Fat, Necrosis																									4
Oral Mucosa																									+
Gingival, Inflammation, Chronic Active																									3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infiltration Cellular, Lymphoid										1															5
Inflammation, Chronic Active																									2
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Infiltration Cellular, Lymphoid			1	2	2	1		1	1		1	2		1		2		2	2	1		2		1	2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Inflammation, Chronic Active	1				1																				7
Epithelium, Hyperplasia	2						1	1	1				1	2			3	1			1	1			21
Epithelium, Ulcer																	2								3

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

Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Infiltration Cellular, Lymphoid	1	2		2		1	1	2	2		1	1		1		1		2		2						20	1.5
Infiltration Cellular, Mast Cell				2																						1	2.0
Inflammation, Chronic Active																										1	2.0
Mineralization									1														1			4	1.0
Epithelium, Hyperplasia, Focal										1				2		2		2					2			10	1.8
Epithelium, Glands, Cyst				2	1	1	2									1	2		2		1		1	2	1	18	1.4

Tongue																										1		
Cyst, Multiple																											2	1 2.0
Artery, Inflammation, Chronic Active																											3	1 3.0

Tooth																											3		
Malformation																												X	X 3 3

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Aorta, Inflammation, Chronic Active																												2	2.5

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Cardiomyopathy																												3	5 2.2
Hyperplasia, Atypical																												3	2 2.5
Inflammation, Chronic Active																													1 3.0
Mineralization																								2					2 1.5
Artery, Inflammation, Chronic Active																													2 2.5
Myocardium, Necrosis																									3				1 3.0

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 Lab: BAT

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

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Accessory Adrenal Cortical Nodule						1																				
Hypertrophy			1				1						1			1				1						
Subcapsular, Hyperplasia	1		1	1	1		1	1	1	1	1	2	2	1	1	1		1	1		1	1	1	1	1	38 1.2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia					2			2					2													3 2.0
Parathyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Cyst, Multiple															2											1 2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Cyst																										4 2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Follicle, Cyst																										1 2.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

DAY ON TEST	0																									* TOTALS
	7	7	7	7	7	4	7	7	7	7	7	6	7	7	6	7	7	6	7	7	4	6	7	5		
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	
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	
3 MG/KG	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	

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Dilatation		2		2	4			2				3				2		2	2				4		16 2.6
Fibrosis		2			2							2										2			6 2.0
Infiltration Cellular, Lymphoid		2			2																				6 1.3
Inflammation, Chronic Active		1										2				2						1			6 1.7
Epithelium, Hyperplasia																2									1 2.0
Ductus Deferens	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cyst									3																1 3.0
Granuloma Sperm			2																						3 2.3
Infiltration Cellular, Lymphoid		2	2	1			2		2		1		1		1		1	1	1	1	1	1	1	1	30 1.2
Inflammation, Chronic Active																								1	3 2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Atrophy				3		3				4				4	3			3		3	3		3	4	23 3.3
Infiltration Cellular, Lymphoid										2						1			1						3 1.3
Inflammation, Chronic Active										2	1	2		2		2			1						7 1.7
Duct, Ectasia													4				4				4			2	15 3.3
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Fibrosis																									1 4.0
Infiltration Cellular, Lymphoid	2	2	2	2	1	1	2	2	1	2	2			2	1	3	2	2	1	1	1	1	2	2	43 1.7
Inflammation, Chronic Active			2									2											4		10 2.8
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Dilatation				2				3				4						2	3				4		14 2.9

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Page 34

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

Fibrosis																									2	1	3 2.0
Inflammation, Chronic Active Epithelium, Hyperplasia																									2	3	4 2.3
																										3	1 3.0
Testes	+ +																								50		1 1.0
Mineralization																											1 2.0
Germinal Epithelium, Degeneration																									2		

HEMATOPOIETIC SYSTEM

Bone Marrow	+ +																								50		
Hyperplasia																									4	4	10 4.0
Lymph Node																											1
Lymph Node, Mandibular	+ +																								50		
Hyperplasia, Lymphoid																									3	3	7 3.6
Hyperplasia, Plasma Cell																									3	3	2 3.0
Lymph Node, Mesenteric	+ +																								49		
Spleen	+ +																								50		
Amyloid Deposition																										2	4 2.0
Atrophy																										4	9 2.9
Hematopoietic Cell Proliferation																									4	2 3 2 2 3	16 3.0
Thymus	+ + + + + + + + + M M + + + M + + + + + M + + M +																								42		
Atrophy																									3	4	15 3.9

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	DAY ON TEST																								* TOTALS
	0728	0728	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	
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
3 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	0	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	8	8	8	8	8	8	8	8	8	8	8	8	8	8	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

Cyst																									2	3	2	2	1	2																	2	2.5
Cyst, Multiple	2	2	2	2	2	1	2	2	2	2	2	2	1	1	3	2	2	2	2	2	2	2	2	2	2																							
Ectopic Parathyroid Gland	1		2	2	2			2																																								

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0											
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50											
Cyst Epithelial Inclusion																									1	4.0										
Inflammation, Chronic Active																									3	3	3	3	4	3	4	3			3	3.3
Dermis, Fibrosis																									3	3	4	3	2	4			4	3.0		
Dermis, Metaplasia, Osseous																									1	3.0										
Epidermis, Hyperkeratosis																									1	4.0										
Epidermis, Hyperplasia																									3	3	1	1	2	3	2	13	2.4			
Epidermis, Ulcer																									4	4	4	4	4	4	4	4	4	13	4.0	
Hair Follicle, Dilatation																									1	1	1	1			10	1.2				
Sebaceous Gland, Atrophy																									1	2	2	2			10	2.1				

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Osteopetrosis																									3	2	3.0
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Inflammation, Chronic Active																									1	2.0	

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Page 36

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Degeneration																									1		

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Fibrosis																									2	1	
Infiltration Cellular, Lymphoid																									2	2.5	
Inflammation, Chronic Active																									2	1.0	
Alveolar Epithelium, Hyperplasia	3																								2	2.2	
Alveolus, Infiltration Cellular, Histocyte																									3	3.0	
Mediastinum, Inflammation, Chronic Active																									2	3.0	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pleura																									1		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

SPECIAL SENSES SYSTEM

Ear																									1
-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

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

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

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Optic Nerve, Inflammation, Chronic Active																											1 3.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hyperplasia																											2 2.5
Infiltration Cellular, Lymphoid	1	1	2		1		1		1		1		1		1		2	1		2	1		1	1		26 1.2	
Inflammation, Chronic Active																											1 2.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hydronephrosis																											5 2.6
Infiltration Cellular, Lymphoid	1	1	1	1	2	1	2	1	1	1		1	1	2	2	2	1	1		2		1	2	1		38 1.4	
Metaplasia, Osseous								2								1											3 1.7
Mineralization	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1		1	1	1	1		1		43 1.0	
Nephropathy	1	1	1	1	1	1	2	1	1	2	1	1	1	1	3	4	1	1	2	1	1	2	1	2	3	45 1.5	
Artery, Inflammation, Chronic Active																											1 3.0
Cortex, Cyst	1																		2							6 1.7	
Glomerulus, Amyloid Deposition										1										3					3	6 2.3	
Papilla, Necrosis															2										4	3 3.3	
Renal Tubule, Dilatation																						1	3		3	8 2.6	
Ureter	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Dilatation												2				3									3	6 3.0	
Inflammation, Chronic Active																									3	3 3.3	
Urethra	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Dilatation																											1 4.0
Glands, Transitional Epithelium,	4		4				4			4				2							4	4	4		3	4	17 3.5

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TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

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 Lab: BAT

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

Hyperplasia Transitional Epithelium, Inflammation, Chronic Active																									1 2.0	
Urinary Bladder Infiltration Cellular, Lymphoid Inflammation, Chronic Active Transitional Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	25 1.0 1 2.0 1 2.0

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 Lab: BAT

DAY ON TEST	0																							
	6	5	5	6	5	6	7	5	7	6	3	5	6	4	3	7	4	6	6	5	6	7	5	7
8	5	2	6	2	7	1	6	2	6	6	4	2	7	5	2	7	4	4	3	3	0	4	2	2
9	6	1	4	1	3	8	1	9	2	6	2	7	0	8	8	1	4	0	3	7	0	8	9	8
B6C3F1 MICE MALE 10 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
	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	5

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
				4																				
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition					3																			
Basophilic Focus											X													
Clear Cell Focus																								
Congestion																								
Eosinophilic Focus				X																			X	
Hematopoietic Cell Proliferation						2	1		1					1										
Hemorrhage				3																				

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

DAY ON TEST	0 0																								males (cont...)		
	6 5 5 6 5 6 7 5 7 6 3 5 6 4 3 7 4 6 6 5 6 7 5 7 7																										
ANIMAL ID	8 5 2 6 2 7 1 6 2 6 6 4 2 7 5 2 7 4 4 3 3 0 4 2 2																										
	9 6 1 4 1 3 8 1 9 2 6 2 7 0 8 8 1 4 0 3 7 0 8 9 8																										
10 MG/KG	0 0																										
	0 0																										
	1 1																										
	0 0																										
	1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 2 3 5 6																										
Infiltration Cellular, Lymphoid Inflammation, Chronic Active							1	1	2	1	1					1								1			
Tension Lipidosis			2					2		3						2				3							
Hepatocyte, Necrosis				3								2															
Hepatocyte, Vacuolization Cytoplasmic	1	2			1			1					1	1			1	2	1	2	1			2			
Mesentery																											
Fat, Inflammation, Chronic Active																											
Fat, Necrosis																											
Pancreas																											
Infiltration Cellular, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Inflammation, Chronic Active																								1			
Salivary Glands																											
Infiltration Cellular, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Mineralization	1		1	1		1	2	1	1		1		1	1								2					
Stomach, Forestomach																											
Infiltration Cellular, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Inflammation, Chronic Active							2			1		4															
Epithelium, Hyperplasia	3	2	2			1	1	2		3	1		2	2	1	2	1		1	1	2		1	2			
Epithelium, Ulcer	2									4																	
Stomach, Glandular																											
Infiltration Cellular, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Inflammation, Chronic Active							1	1	1	2	2											2	1		2	2	
Mineralization																											
Epithelium, Hyperplasia, Focal			2	2		2	2			1					1	2				2		1	1		1	2	

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Page 41

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

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First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

males (cont...)

Epithelium, Ulcer																									
Epithelium, Glands, Cyst						2	1	1		1	2					1				2				1	
Glands, Cyst																							1		

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Aorta, Mineralization					2					1									1					
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	1				2	2		2		1				1		1	2		2			1		
Inflammation, Chronic Active												4												

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																						2		
Amyloid Deposition					3																			
Hematopoietic Cell Proliferation																								
Hypertrophy																								
Subcapsular, Hyperplasia	1	1			1	1	1	1	2		1	2	1		1		1	1	1	1	2	2	1	1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+

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TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

Pituitary Gland Pars Distalis, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation	2	3	2		2		2	3	2	3	3		2	2	2		4	3	2		2	3	3	3	2
Fibrosis	2				2		2			2	2		2	3			3	2	1			2		2	
Infiltration Cellular, Lymphoid											1													1	
Inflammation, Chronic Active					2		2			2			3	2			2	2	1				4		
Epithelium, Hyperplasia													3										4		
Ductus Deferens	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active																							2		
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																									
Granuloma Sperm									4							3			3						
Infiltration Cellular, Lymphoid	1		1				1						1	1					1			1	1	1	1
Inflammation, Chronic Active																									

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TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
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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	
	6	5	5	6	5	6	7	5	7	6	3	5	6	4	3	7	4	6	6	5	6	7	5	7	7
	8	5	2	6	2	7	1	6	2	6	6	4	2	7	5	2	7	4	4	3	3	0	4	2	2
	9	6	1	4	1	3	8	1	9	2	6	2	7	0	8	8	1	4	0	3	7	0	8	9	8
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
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
	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

males
(cont...)

Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	3			3		4	4			3	4	4			4	4				2		3		3
Inflammation, Chronic Active Duct, Ectasia	3			3		3	4			3	3	3			4	3			3	4		3		
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																			3			2		
Infiltration Cellular, Lymphoid Inflammation, Chronic Active Epithelium, Hyperplasia	3	3	2		1	1		1	2	2		1	2			1		2		2		2	1	2
										3			4		1			2	3		2	4	2	
																						4		
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Dilatation	3	3	3		4		2	2	4	2	2		3	3	3	4	3	3	3		3	3	3	2
Fibrosis	2				2								2	3		3		3				2	3	2
Inflammation, Chronic Active Epithelium, Hyperplasia					1								4	2		2		2				3	2	
													3									4		
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization																						1		
Germinal Epithelium, Degeneration																								4

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia					4	4	4		4		4	2	4									4		
Myelofibrosis																								4
Lymph Node																								+

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DAY ON TEST	0																							
	6	5	5	6	5	6	7	5	7	6	3	5	6	4	3	7	4	6	6	5	6	7	5	7
8	5	2	6	2	7	1	6	2	6	6	4	2	7	5	2	7	4	4	3	3	0	4	2	2
9	6	1	4	1	3	8	1	9	2	6	2	7	0	8	8	1	4	0	3	7	0	8	9	8
B6C3F1 MICE MALE 10 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
	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	5

males (cont...)

Mediastinal, Hyperplasia, Lymphoid																								
Lymph Node, Mandibular	+ +																							
Hematopoietic Cell Proliferation																								
Hyperplasia, Lymphoid																								
Hyperplasia, Plasma Cell																								
Necrosis, Lymphoid																								
Lymph Node, Mesenteric	+ +																							
Hyperplasia, Lymphoid																								
Spleen	+ +																							
Amyloid Deposition																								
Atrophy	3 2 3																							
Hematopoietic Cell Proliferation																								
Lymphoid Follicle, Necrosis, Lymphoid																								
Thymus	I + + + + + + + M + + + + + + M + + + + + M M + +																							
Atrophy	4 4																							
Cyst	2 3																							
Cyst, Multiple	2 4 2																							
Ectopic Parathyroid Gland	2 2 2																							
Inflammation, Chronic Active	4																							
Thymocyte, Necrosis																								

INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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DAY ON TEST	0																							
	6	5	5	6	5	6	7	5	7	6	3	5	6	4	3	7	4	6	6	5	6	7	5	7
8	5	2	6	2	7	1	6	2	6	6	4	2	7	5	2	7	4	4	3	3	0	4	2	2
9	6	1	4	1	3	8	1	9	2	6	2	7	0	8	8	1	4	0	3	7	0	8	9	8
B6C3F1 MICE MALE 10 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
	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	5

males (cont...)

Skin	+																											
Hemorrhage																												
Inflammation, Chronic Active													4	4			4			3	4							3
Dermis, Fibrosis													4	4			3			2	4							3
Epidermis, Hyperplasia													3	3			3			3	4							3
Epidermis, Ulcer													4	4			4			4	4							
Hair Follicle, Dilatation			1	1					2			1	1							2								
Sebaceous Gland, Atrophy	1				2							2			4	3	1	4			4	3	4	2				

MUSCULOSKELETAL SYSTEM

Bone	+																								
Osteopetrosis																	4								
Skeletal Muscle	+																								

NERVOUS SYSTEM

Brain	+																							
Neuron, Necrosis																								

RESPIRATORY SYSTEM

Lung	+																								
Congestion													4												

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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
B6C3F1 MICE MALE 10 MG/KG		6	5	5	6	5	6	7	5	7	6	3	5	6	4	3	7	4	6	6	5	6	7	5	7	7
		8	5	2	6	2	7	1	6	2	6	6	4	2	7	5	2	7	4	4	3	3	0	4	2	2
		9	6	1	4	1	3	8	1	9	2	6	2	7	0	8	8	1	4	0	3	7	0	8	9	8
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	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	5	6	

males (cont...)

Fibrosis
 Inflammation, Chronic Active
 Alveolar Epithelium, Hyperplasia
 Alveolus, Infiltration Cellular, Histiocyte

Nose
 Hemorrhage
 Inflammation, Chronic Active

Pleura

Trachea

	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Ear
 Eye
 Atrophy
 Cornea, Pigmentation

Harderian Gland
 Hyperplasia
 Infiltration Cellular, Lymphoid
 Necrosis

URINARY SYSTEM

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

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

males (cont...)

Kidney	+ +																							
Hydronephrosis	2 3 2																							
Infarct																								
Infiltration Cellular, Lymphoid	2 1																							
Inflammation, Chronic Active	2 1																							
Metaplasia, Osseous	2 1 2 2 1 1 1 1 1 1 1 1 1 2 1 1 1 2 1 1 1 1 1 1																							
Mineralization	3 2 3 1																							
Nephropathy	3 2 3 1																							
Cortex, Cyst	2 2																							
Cortex, Cyst, Multiple	4 4																							
Glomerulus, Amyloid Deposition	4 4																							
Papilla, Necrosis	4 2 3 4 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																							
Renal Tubule, Dilatation	4 2 3 4 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																							
Ureter	+ + + + + + + + + + + + + + M + + + + + + + + + +																							
Dilatation	3 3 2 3																							
Inflammation, Chronic Active	3 3 3 2 2 3 4 3 3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3																							
Urethra	+ +																							
Dilatation	4 4																							
Inflammation, Chronic Active	1 1																							
Glands, Transitional Epithelium, Hyperplasia	4 4																							
Urinary Bladder	+ +																							
Infiltration Cellular, Lymphoid	1 1																							
Inflammation, Chronic Active	1 1																							

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Page 48

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	
	6	5	3	6	5	4	0	5	5	5	5	6	6	6	6	5	3	7	6	6	7	1	5	5	
	6	9	6	1	9	3	6	8	6	2	1	6	5	0	7	5	6	1	6	8	2	6	6	7	
	5	0	6	7	4	7	4	4	7	9	9	9	9	2	8	3	6	6	5	2	9	9	7	7	
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Cecum Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49 1 4.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Amyloid Deposition				1																					2 2.0
Basophilic Focus																									2
Clear Cell Focus												X													1
Congestion														4											1 4.0
Eosinophilic Focus																					X				3
Hematopoietic Cell Proliferation				3							1	1					1				2				9 1.4
Hemorrhage																									1 3.0

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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	
	6	5	3	6	5	4	0	5	5	5	5	6	6	6	6	5	3	7	6	6	7	1	5	5	
	6	9	6	1	9	3	6	8	6	2	1	6	5	0	7	5	6	1	6	8	2	6	6	7	
	5	0	6	7	4	7	4	4	7	9	9	9	9	2	8	3	6	6	5	2	9	9	7	7	
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10 MG/KG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
	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, Lymphoid					1										1					1			1		11 1.1
Inflammation, Chronic Active				1		1	2		2	2						1			1	1			1		17 1.3
Tension Lipidosis					3	4				2		3	2	3										1	12 2.5
Hepatocyte, Necrosis																									2 2.5
Hepatocyte, Vacuolization Cytoplasmic	1		1		1				1		1	1		1		1		1		1		1		23 1.2	
Mesentery																									
Fat, Inflammation, Chronic Active																									
Fat, Necrosis																									
Pancreas																									
Infiltration Cellular, Lymphoid																									49
Inflammation, Chronic Active																									1 1.0
Salivary Glands																									
Infiltration Cellular, Lymphoid																									49
Mineralization	1	1		1	2			1	1				1	1			1	1				1		22 1.1	
Stomach, Forestomach																									
Infiltration Cellular, Lymphoid																									49
Inflammation, Chronic Active																									1 2.0
Epithelium, Hyperplasia	1	1		2	1			2		3			2	2		2	2	1	2	2		1	1	6 2.0	
Epithelium, Ulcer																									33 1.7
Stomach, Glandular																									
Infiltration Cellular, Lymphoid																									49
Inflammation, Chronic Active																									19 1.6
Mineralization	1		1																						1 2.0
Epithelium, Hyperplasia, Focal	2	2			2		1		1				2	3			2	2	2						6 1.2
																									20 1.9

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 Species/Strain: MICE/B6C3F1

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 3,3',4,4'-Tetrachloroazobenzene
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 Lab: BAT

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

Pituitary Gland Pars Distalis, Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	1	2.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Dilatation	2		1	3		3		3		3	3	3	3	3	2		2	2	4			2	4	36	2.6		
Fibrosis				3	2	4		3		3	2	2	3				3	4					3	23	2.5		
Infiltration Cellular, Lymphoid																									2	1.0	
Inflammation, Chronic Active				2	1	4				3	2	1		2	1	1		4	2	4			2	22	2.2		
Epithelium, Hyperplasia										3							4	3						5	3.4		
Ductus Deferens	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Inflammation, Chronic Active										3	4														3	3.0	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Cyst													2												1	2.0	
Granuloma Sperm													2												6	3.3	
Infiltration Cellular, Lymphoid	1	1			1					1	1	1	1					1					1	21	1.0		
Inflammation, Chronic Active										2									4						2	3.0	

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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	
	6	5	3	6	5	4	0	5	5	5	5	6	6	6	6	5	3	7	6	6	7	1	5	5	
	6	9	6	1	9	3	6	8	6	2	1	6	5	0	7	5	6	1	6	8	2	6	6	7	
	5	0	6	7	4	7	4	4	7	9	9	9	9	2	8	3	6	6	5	2	9	9	7	7	
B6C3F1 MICE MALE 10 MG/KG	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	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	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Atrophy	3	4				3		3		4	3	3				3	2		3		3		3			24	3.3
Inflammation, Chronic Active												2					1									3	2.0
Duct, Ectasia	3	3				3		3		3	3	3				3	3		3		3		3			23	3.1

Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Fibrosis						3																				3	2.7
Infiltration Cellular, Lymphoid		2		2	1			2	2	1		2	2		2	2	2				2			1		26	1.7
Inflammation, Chronic Active	2		2			4			2	3	4			3				3	3	4			3	3		27	2.7
Epithelium, Hyperplasia																										1	4.0

Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Dilatation	2		2	3	4	3			4		2	2	3	3	3	2		2	3	4			2	4		38	2.9
Fibrosis				2	2	4			3		3								3	4			2	3		18	2.7
Inflammation, Chronic Active						4				4	4								2	4			1	2		14	2.6
Epithelium, Hyperplasia										3	3									2						5	3.0

Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Mineralization														2				2								3	1.7
Germinal Epithelium, Degeneration														2				2								3	2.7

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hyperplasia		4		4		4		4		4		4		4		4		4		4		4		4		17	3.9
Myelofibrosis																										1	4.0

Lymph Node																											2
------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

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

Mediastinal, Hyperplasia, Lymphoid																									4			1 4.0
------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--------------

Lymph Node, Mandibular																												48		
Hematopoietic Cell Proliferation																													1 4.0	
Hyperplasia, Lymphoid																													7 3.9	
Hyperplasia, Plasma Cell																													1 2.0	
Necrosis, Lymphoid																													1 3.0	

Lymph Node, Mesenteric																													48		
Hyperplasia, Lymphoid																													1 3.0		

Spleen																													49		
Amyloid Deposition																														2 1.5	
Atrophy																													30 3.2		
Hematopoietic Cell Proliferation																													12 3.5		
Lymphoid Follicle, Necrosis, Lymphoid																													1 2.0		

Thymus																													40		
Atrophy																													30 3.9		
Cyst																													5 2.4		
Cyst, Multiple																													27 2.0		
Ectopic Parathyroid Gland																													3 1.7		
Inflammation, Chronic Active																													1 4.0		
Thymocyte, Necrosis																													2 2.0		

INTEGUMENTARY SYSTEM

Mammary Gland																																				0
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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	
	6	5	3	6	5	4	0	5	5	5	5	6	6	6	5	3	7	6	6	7	1	5	5		
	6	9	6	1	9	3	6	8	6	2	1	6	5	0	7	5	6	1	6	8	2	6	6	7	
	5	0	6	7	4	7	4	4	7	9	9	9	9	2	8	3	6	6	5	2	9	9	7	7	
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Hemorrhage							1																	1 1.0
Inflammation, Chronic Active		3		3						3		3				3				3				12 3.3
Dermis, Fibrosis		2		2						2		3				4				4				12 3.1
Epidermis, Hyperplasia		3		3						3		4				3				4				12 3.3
Epidermis, Ulcer		4		4						4		4				4				4				11 4.0
Hair Follicle, Dilatation		1		1	1			1			1	1											1	13 1.2
Sebaceous Gland, Atrophy		1	2		1	4				1					2		4		2				4	20 2.6

MUSCULOSKELETAL SYSTEM

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Osteopetrosis																								1 4.0
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Neuron, Necrosis		4																						1 4.0

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Congestion																								1 4.0

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

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

DAY ON TEST	0																							
	6																							
ANIMAL ID	0																							
	1																							
																								* TOTALS

B6C3F1 MICE MALE

10 MG/KG

Fibrosis	2																								1 2.0
Inflammation, Chronic Active																									1 1.0
Alveolar Epithelium, Hyperplasia																									2 2.5
Alveolus, Infiltration Cellular, Histocyte	4																								1 4.0
Nose	+																								49
Hemorrhage	4																								1 4.0
Inflammation, Chronic Active	2																								1 2.0
Pleura																									1
Trachea	+																								49

SPECIAL SENSES SYSTEM

Ear																									1
Eye	+																								49
Atrophy																									1 2.0
Cornea, Pigmentation	1																								1 1.0
Harderian Gland	+																								49
Hyperplasia																									1 1.0
Infiltration Cellular, Lymphoid	1																								7 1.1
Necrosis	2																								1 2.0

URINARY SYSTEM

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

+ .. Tissue examined microscopically

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

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hydronephrosis			2	2	2			3					4	2			4	2					3	17 2.4	
Infarct								4																1 4.0	
Infiltration Cellular, Lymphoid Inflammation, Chronic Active						4					1					1				1				12 1.2	
Metaplasia, Osseous																	3		3					5 3.2	
Mineralization	2		2	1	1			1	1	1	1	1	1	1	1		1	2	1	1		1	1 2.0		
Nephropathy	1	3	1		1			1		3			1	3	1	2		3	1	3	2		3	40 1.2	
Cortex, Cyst													2											28 1.8	
Cortex, Cyst, Multiple																								2 2.0	
Glomerulus, Amyloid Deposition			1							1		1												1 4.0	
Papilla, Necrosis																				4				4 1.8	
Renal Tubule, Dilatation	3		4	2	4	4	2		1	2	2		2	3	3		4	3					4	3 4.0	
																								31 3.0	
Ureter	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	47	
Dilatation			3	3	3				2		4			3		2		4	3	4			3	4	22 3.0
Inflammation, Chronic Active	2		3	3	3				2		4			4	4	3		4	4	2		3	2		24 3.0
Urethra	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Dilatation																							4		2 4.0
Inflammation, Chronic Active																									1 1.0
Glands, Transitional Epithelium, Hyperplasia																2									2 3.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Infiltration Cellular, Lymphoid Inflammation, Chronic Active													1									1			4 1.0
																									1 1.0

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TDMS No. 88148 - 07

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Species/Strain: MICE/B6C3F1

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CAS Number: 14047-09-7

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Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	3	3	4	3	3	4	2	4	2	4	3	4	2	4	5	5	5	2	5	2	5	3	3	2
		8	8	2	8	5	9	4	2	9	0	7	8	1	5	0	2	0	1	6	0	9	0	6	7	3
		8	1	6	2	9	9	5	1	2	6	0	0	4	0	6	8	5	9	1	8	6	7	6	2	3
B6C3F1 MICE MALE	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30 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	7	7
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

males
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																										
Congestion																										
Hematopoietic Cell Proliferation										1																
Infiltration Cellular, Lymphoid																			1							
Inflammation, Chronic Active							1	1	1								1	1				1	1	1		
Mixed Cell Focus																							X			
Tension Lipidosis	2											3						3		2					2	
Hepatocyte, Vacuolization Cytoplasmic											1															

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+ .. Tissue examined microscopically
x .. Lesion present
l .. Insufficient tissue
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First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

DAY ON TEST	0																							
	2	3	3	4	3	3	4	2	4	2	4	3	4	2	4	5	5	5	2	5	2	5	3	3
8	8	2	8	5	9	4	2	9	0	7	8	1	5	0	2	0	1	6	0	9	0	6	7	3
8	1	6	2	9	9	5	1	2	6	0	0	4	0	6	8	5	9	1	8	6	7	6	2	3
B6C3F1 MICE MALE 30 MG/KG ANIMAL ID	0																							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4

males (cont...)

Mesentery
Fat, Inflammation, Chronic Active

+

Pancreas
Inflammation, Chronic Active

+ +

Salivary Glands
Infiltration Cellular, Lymphoid

+
1

Stomach, Forestomach
Inflammation, Chronic Active
Epithelium, Hyperplasia
Epithelium, Ulcer

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

Stomach, Glandular
Infiltration Cellular, Lymphoid
Inflammation, Chronic Active
Mineralization
Epithelium, Hyperplasia, Focal
Epithelium, Glands, Cyst
Glands, Cyst

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

CARDIOVASCULAR SYSTEM

Blood Vessel
Aorta, Mineralization

+
2 1 1

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 59

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cardiomyopathy | | | | | | | | | 1 | | | | | 2 | | | | 1 | | 1 | | | 1 | 1 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | 2 | | | | | | | 2 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | | 1 | 1 | 1 | 1 | | | 1 | | | | 2 | | | | | 1 | | 1 | 1 | 1 | 1 | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Cyst, Multiple | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 60

1-4 .. Lesion qualified as:

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TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

males
(cont...)

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coagulating Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Dilatation | | 2 | 2 | 4 | 3 | 3 | 4 | 3 | | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 2 | 4 | 3 | 4 | 4 |
| Fibrosis | | | | 3 | | 3 | 3 | | | 4 | 3 | | 2 | | 4 | | 2 | | 4 | | 3 | 2 | 4 | 3 | |
| Inflammation, Chronic Active Epithelium, Hyperplasia | | 2 | | 2 | 2 | 2 | 2 | | | 3 | | | 2 | 4 | | 2 | 1 | 1 | | 2 | | 2 | | 2 | 2 |
| Ductus Deferens | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Granuloma Sperm Infiltration Cellular, Lymphoid | | | | | | | | | | | | | 4 | | 2 | 2 | | | 1 | | 1 | | | 1 | 1 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | 3 | | | | 3 | | | | | | 3 | 4 | |
| Inflammation, Chronic Active Duct, Ectasia | | | | | | | | | | 3 | | | | 4 | | 4 | | 3 | | | | | 3 | 3 | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | 1 | | | | | | 1 | | 2 | | 1 | | 2 | | | | | | | 2 | | |
| Inflammation, Chronic Active | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | | 4 | 2 | 4 | | 3 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Dilatation | | | | 3 | 2 | 4 | 3 | 2 | | 2 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | | 4 | 2 | 4 | | 4 | 4 |
| Fibrosis | | | | 2 | 3 | 3 | | | | 4 | 2 | 2 | 2 | | | 4 | 3 | 2 | | 4 | | 3 | | 3 | |

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 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
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 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 2 | 4 | 2 | 4 | 3 | 4 | 2 | 4 | 5 | 5 | 5 | 2 | 5 | 2 | 5 | 3 | 3 | 2 | |
| | | 8 | 8 | 2 | 8 | 5 | 9 | 4 | 2 | 9 | 0 | 7 | 8 | 1 | 5 | 0 | 2 | 0 | 1 | 6 | 0 | 9 | 0 | 6 | 7 | 3 | |
| | | 8 | 1 | 6 | 2 | 9 | 9 | 5 | 1 | 2 | 6 | 0 | 0 | 4 | 0 | 6 | 8 | 5 | 9 | 1 | 8 | 6 | 7 | 6 | 2 | 3 | |
| B6C3F1 MICE MALE
30 MG/KG | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | | 0 | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Inflammation, Chronic Active Epithelium, Hyperplasia | | | | | 2 | 2 | | | | | 3 | | | 4 | | 2 | | 1 | | 2 | | 2 | | 2 | | | |
| Testes Mineralization Germinal Epithelium, Degeneration | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow Hyperplasia | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | 4 | 4 | 4 | | 4 | | | 4 | 4 | | | | | | | | | | 4 | 4 | 4 | 4 |
| Lymph Node, Mandibular | | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Spleen Atrophy Hematopoietic Cell Proliferation | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | 3 | 3 | | 3 | 3 | 3 | 3 | | 3 | 2 | | 3 | 3 | 3 | 3 | | | | | 3 | 3 | 3 | | 3 | 3 | |
| | | | | | | | | | 3 | 2 | | 2 | | | | | | | | | | | 3 | | | | |
| Thymus Atrophy Cyst Cyst, Multiple Ectopic Parathyroid Gland Thymocyte, Necrosis | | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | | 4 | 3 | 3 | 4 | 4 | 4 | | 4 | 3 | 4 | 4 | 3 | | 4 | 4 | | |
| | | | | 2 | | | | | | 2 | | 2 | | | | | | | | | | | | | | | |
| | | 2 | 2 | | 2 | 2 | | | 2 | 2 | | | | 2 | | 2 | | 2 | 2 | 2 | 2 | 3 | | 2 | 2 | 2 | |
| | | | | | 2 | | 2 | | 2 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Acute | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | 4 | | | | | | | | | | | | 3 | 3 | | |
| Dermis, Fibrosis | | | | | | | | | 4 | | | | | | | | | | | | 3 | 3 | | |
| Epidermis, Hyperplasia | | | 2 | | | | | | 4 | | | | | | | | | | | | 3 | 3 | | |
| Epidermis, Ulcer | | | 3 | | | | | | 4 | | | | | | | | | | | | 4 | 4 | | |
| Hair Follicle, Dilatation | 1 | 2 | 1 | 1 | | 1 | 1 | | | 3 | | 3 | | 1 | | 1 | | 1 | 1 | | 2 | 1 | | |
| Sebaceous Gland, Atrophy | 1 | 1 | 2 | 2 | 1 | | 1 | 4 | | | | 1 | 2 | 1 | | | | | | 2 | 3 | | 2 | 1 |
| Subcutaneous Tissue, Inflammation, Chronic Active | | | | | | | | | | 2 | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 63

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

males (cont...)

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung
Inflammation, Chronic Active
Alveolar Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea
Epithelium, Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland
Degeneration
Infiltration Cellular, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue 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. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|--------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 2 | 4 | 2 | 4 | 3 | 4 | 2 | 4 | 5 | 5 | 5 | 2 | 5 | 2 | 5 | 3 | 3 | 2 | | |
| | 8 | 8 | 2 | 8 | 5 | 9 | 4 | 2 | 9 | 0 | 7 | 8 | 1 | 5 | 0 | 2 | 0 | 1 | 6 | 0 | 9 | 0 | 6 | 7 | 3 | | |
| | 8 | 1 | 6 | 2 | 9 | 9 | 5 | 1 | 2 | 6 | 0 | 0 | 4 | 0 | 6 | 8 | 5 | 9 | 1 | 8 | 6 | 7 | 6 | 2 | 3 | | |
| 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 | | |
| 30 MG/KG | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |
| Hydronephrosis | 2 | 2 | 2 | 4 | | 2 | 3 | 1 | | | | 2 | 3 | | 2 | 4 | 2 | | 2 | 2 | | | | 2 | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | 1 | | | | 2 | | | | | | | | | | | | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Inflammation, Chronic Active | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | | 1 | 2 | | 1 | 1 | 1 | | | 1 | 2 | | 1 | 1 | 1 | 1 | 2 | | |
| Nephropathy | | | | | | 1 | 1 | | 2 | | | 1 | 1 | | 1 | 2 | 2 | | | 1 | 1 | | 1 | 1 | | | |
| Thrombosis | | | | | | | 3 | | | | | | | | | | | | | 1 | | | | | | | |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Pelvis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation | 3 | | 2 | 2 | 1 | 3 | 3 | 1 | | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 2 | | 4 | 3 | | |
| Ureter | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Dilatation | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | | | | 2 | 3 | 3 | | | 3 | 2 | 4 | 2 | 2 | 2 | 3 | | 3 | 2 | |
| Inflammation, Chronic Active | 2 | 4 | | | 4 | 2 | 4 | 4 | | | | 4 | 2 | 4 | 2 | 3 | 2 | | 4 | 2 | 2 | 2 | 2 | | 4 | 3 | |
| Urethra | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Dilatation | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Transitional Epithelium, Hyperplasia | | | 2 | 1 | | | 3 | | | | | | | | | | | | | | | | | | 2 | | |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|--|---|---|----|---|-----|-----|-----|-----|---|----|-----|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Gallbladder | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Intestine Large, Cecum | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Intestine Small, Ileum | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | X | X | | | | | 2 | | | | | | | |
| Congestion | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Hematopoietic Cell Proliferation | | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 | | | 3 | 1.3 | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 2 | 1.0 | | | | | | |
| Inflammation, Chronic Active | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | 14 | 1.1 | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | X | | | 2 | | | | | | | |
| Tension Lipidosis | | | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | | | 2 | 1 | 1 | | | 15 | 2.1 | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | 1 | 1 | 1 | 1 | 11 | 1.1 |

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

TDMS No. 88148 - 07

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| | 2 3 3 3 5 4 4 4 3 4 2 5 4 2 5 4 4 4 3 5 3 3 4 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 5 9 8 3 0 6 1 7 4 9 4 1 1 3 1 3 9 2 7 0 7 5 8 5 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 2 8 7 7 9 6 0 0 0 2 2 3 5 0 0 1 7 1 5 6 7 4 1 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
30 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | | 9 1.4 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Bilateral, Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 27 1.0 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Parathyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Pars Distalis, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |

GENERAL BODY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
Page 68
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----|-----|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | 2 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 2 | 5 | 4 | 2 | 5 | 4 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 4 | 3 | | | |
| | 5 | 9 | 8 | 3 | 0 | 6 | 1 | 7 | 4 | 9 | 4 | 1 | 1 | 3 | 1 | 3 | 9 | 2 | 7 | 0 | 7 | 5 | 8 | 5 | 1 | | | |
| | 4 | 2 | 8 | 7 | 7 | 9 | 6 | 0 | 0 | 0 | 2 | 2 | 3 | 5 | 0 | 0 | 1 | 7 | 1 | 5 | 6 | 7 | 4 | 1 | 5 | | | |
| B6C3F1 MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 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 | | | |
| 30 MG/KG | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
| Inflammation, Chronic Active Epithelium, Hyperplasia | 1 | | 1 | | | 2 | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | | 2 | | | | | | | 22 | 2.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Mineralization | | | | 2 | | | | | | | | | 2 | | | | | | | | | | | | | 2 | 2.0 | |
| Germinal Epithelium, Degeneration | | | | 2 | | | | | | | | | 2 | | | | | | | | | | | | | 2 | 2.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | 4 | | 4 | | | 4 | 4 | | 4 | | 4 | | | | | 4 | | | 4 | 4 | | | 4 | | | | 20 | 4.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 49 | |
| Atrophy | 3 | 3 | 3 | 3 | 3 | | 3 | 3 | | 3 | 3 | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | | 39 | 3.0 |
| Hematopoietic Cell Proliferation | | | | | | 3 | | | | 3 | | | | | | 3 | | | | | | | | | | | 7 | 2.7 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Atrophy | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | | 45 | 3.7 |
| Cyst | | | | | | | | 2 | | | 2 | | 3 | | | | | | | | | | | | | | 5 | 2.2 |
| Cyst, Multiple | 2 | 2 | 2 | | 2 | 2 | 2 | 3 | | 2 | | 2 | | | 2 | 2 | 2 | 2 | 2 | | | 2 | 2 | 2 | 3 | | 35 | 2.1 |
| Ectopic Parathyroid Gland | | | | | | | | | | | 2 | | | | 2 | 2 | | 2 | 2 | | | 2 | | | | | 9 | 2.0 |
| Thymocyte, Necrosis | | | 1 | | | | | | | | | | | | 3 | | | | | | | | | | | | 3 | 2.3 |

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

TDMS No. 88148 - 07
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3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
Time Report Requested: 09:10:26
First Dose M/F: 02/04/03 / 02/03/03
Lab: BAT

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Inflammation, Chronic Active | | | | | | | | | | 4 | | | | | | | | | | | | | 3 | | | | 5 | 3.4 | |
| Dermis, Fibrosis | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | 4 | 3.5 |
| Epidermis, Hyperplasia | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | 6 | 2.8 |
| Epidermis, Ulcer | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | 6 | 3.8 |
| Hair Follicle, Dilatation | 1 | 1 | 2 | | | | 2 | 2 | | | | 1 | 1 | | 1 | 2 | 2 | 1 | | | 1 | 2 | | | | | 28 | 1.4 | |
| Sebaceous Gland, Atrophy | 3 | 3 | 3 | | | | 4 | 2 | | | 3 | | 1 | 2 | | 4 | 3 | | | 2 | 1 | | | 4 | 4 | 1 | 29 | 2.2 | |
| Subcutaneous Tissue, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 71

TDMS No. 88148 - 07
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 CAS Number: 14047-09-7

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Epithelium, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
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 1-4 .. Lesion qualified as:
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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 MALE | 2 | 3 | 3 | 3 | 5 | 4 | 4 | 4 | 3 | 4 | 2 | 5 | 4 | 2 | 5 | 4 | 4 | 4 | 3 | 5 | 3 | 3 | 4 | 4 | 3 | | |
| 30 MG/KG | 5 | 9 | 8 | 3 | 0 | 6 | 1 | 7 | 4 | 9 | 4 | 1 | 1 | 3 | 1 | 3 | 9 | 2 | 7 | 0 | 7 | 5 | 8 | 5 | 1 | | |
| | 4 | 2 | 8 | 7 | 7 | 9 | 6 | 0 | 0 | 0 | 2 | 2 | 3 | 5 | 0 | 0 | 1 | 7 | 1 | 5 | 6 | 7 | 4 | 1 | 5 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | | 3 | 2 | 4 | | | | 2 | 2 | 2 | | 2 | 3 | 2 | 2 | | 2 | 1 | | 2 | 2 | 29 | 2.3 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | 2 | | | | | | | | | | | | | | | | 3 | 1.7 | |
| Inflammation, Acute | | | | | 2 | 3 | | | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2.5 | |
| Metaplasia, Osseous | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Mineralization | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 42 | 1.3 |
| Nephropathy | | 1 | | | 1 | 3 | 4 | | | 1 | | 3 | | 1 | 2 | | 1 | | 1 | 1 | | | 1 | | 24 | 1.5 | |
| Thrombosis | | | | | | | | 3 | | 3 | | | | | | | | | | | | | | | 4 | 2.5 | |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Pelvis, Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 | 2.0 | |
| Renal Tubule, Dilatation | 3 | 4 | 3 | | 4 | 2 | 2 | | | 2 | 4 | 2 | 3 | 3 | 3 | 4 | 2 | 4 | 2 | 3 | 3 | 1 | | 3 | 3 | 43 | 2.9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ureter | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Dilatation | 2 | | 4 | | 4 | 3 | 4 | 3 | | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 42 | 2.8 | |
| Inflammation, Chronic Active | 2 | 3 | 3 | 4 | | | 2 | 2 | | 2 | 3 | 3 | 3 | | 2 | 4 | 4 | 3 | 3 | | 4 | 3 | 3 | 3 | 4 | 39 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urethra | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Dilatation | | | | | 4 | | | | | | | | | | | | | | | | | | | | 2 | 4.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.0 | |

*** END OF MALE DATA ***

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0667 | 0777 | 0888 | 0999 | 1010 | 1111 | 1212 | 1313 | 1414 | 1515 | 1616 | 1717 | 1818 | 1919 | 2020 | 2121 | 2222 | 2323 | 2424 | 2525 | 2626 | 2727 | 2828 | 2929 | 3030 |
| 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 |
| 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 |
| | 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 Perforation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | |
| Gallbladder Infiltration Cellular, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Intestine Large, Rectum Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Liver Basophilic Focus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Liver Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver Eosinophilic Focus | | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Liver Hematopoietic Cell Proliferation | | | | 1 | | | | | | | | | | | | 1 | | | | | 2 | | | | | | |
| Liver Infiltration Cellular, Lymphoid | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 2 | | 2 | 1 | 1 | 2 | | | | | | | | 2 | 2 | 1 | 1 | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 74

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|---------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 5 | 7 | 2 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 6 | 3 | 3 | 3 | 7 | 3 | 3 | 0 | 6 | 3 | 6 | 3 | 3 | 3 | 3 | 8 | 1 | 1 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 7 | 1 | 2 | 2 | 4 | 1 | 1 | 5 | 9 | 3 | 9 | 1 | 3 | 1 | 3 | 3 | 0 | 0 | 7 | 1 | 2 | 2 | 2 | 3 | 2 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 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 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Inflammation, Chronic Active | 1 | 1 | 1 | 1 | 2 | 1 | 2 | | | 1 | 1 | 1 | 2 | 1 | 1 | | 2 | 3 | 1 | 1 | 1 | 2 | 1 | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Tension Lipidosis | 2 | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 1 | 2 | | 1 | 1 | | 2 | | | 2 | | 1 | 2 | 2 | | | | | | | 1 | 1 | 1 | 1 | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | | 2 | 1 | | | 2 | 1 | | 1 | 1 | 2 | | 2 | 1 | 2 | 2 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | 3 | | | 1 | | | | | | 2 | 1 | | | | | 2 | | | | | | |
| Epithelium, Ulcer | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |

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

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

| B6C3F1 MICE FEMALE
0 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|-------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 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 | |

Mineralization
 Epithelium, Hyperplasia, Focal
 Epithelium, Glands, Cyst

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Tooth
 Malformation

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CARDIOVASCULAR SYSTEM

Blood Vessel
 Aorta, Mineralization

Heart
 Cardiomyopathy
 Mineralization

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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ENDOCRINE SYSTEM

Adrenal Cortex
 Accessory Adrenal Cortical Nodule
 Cyst
 Hyperplasia
 Hypertrophy
 Subcapsular, Hyperplasia

Adrenal Medulla
 Hyperplasia

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

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

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | M | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 4 | 2 | 4 | | 4 | 4 | 4 | 3 | | | | | | | | | 3 | 3 | | | | 3 | 3 | | 3 |
| Duct, Cyst | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|---|---|
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| B6C3F1 MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Atrophy | 3 | | | | | | | 3 | 4 | 3 | | | 3 | 3 | | | | | | | | | | | | 3 | | |
| Cyst | | 2 | | | | | | 2 | | | | | 2 | | | | | | | | | | | | | 3 | | |
| Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 1 | 2 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 3 | 2 | 4 | | | | | | | 4 | 3 | 4 | 1 | 1 | 2 | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | 2 | | | 3 | | 2 | 2 | | 3 | | | | | | | | 1 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Myelofibrosis | | | 2 | | | 2 | | | 2 | | | 1 | | | | | | | | | | | | 1 | 2 | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | + | + | | | | | | | | | | | | | | | | | | | + | |
| Bronchial, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Necrosis, 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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

B6C3F1 MICE FEMALE
0 MG/KG

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Necrosis, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| | | | | 4 | | | | | | | | | | | 3 | | | | 3 | | | | 4 | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Spleen
Atrophy
Hematopoietic Cell Proliferation
Lymphoid Follicle, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | 4 | | | 3 | | | | 4 | 4 | |
| Thymus
Atrophy
Cyst
Cyst, Multiple
Ectopic Parathyroid Gland
Ectopic Thyroid
Hyperplasia, Lymphoid
Thymocyte, Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | I | + | + | + | + | + | + | + |
| | | | | | 2 | | | | 4 | | | | | | | 4 | | | | | | | | | |
| | | 3 | | | 2 | | | | 2 | | | | | | | | | | | 2 | | | | | |
| | | | 2 | 2 | | 2 | 2 | | | | | | 2 | 2 | 2 | | | | 2 | | | 2 | 2 | 1 | |
| | | 2 | | | | 2 | | | | | | | 2 | 2 | 2 | | | | | | | | | | |
| | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Skin
Epidermis, Hyperplasia
Hair Follicle, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 79

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

Sebaceous Gland, Atrophy

1 3 2

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle Infiltration Cellular, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Brain Compression Hydrocephalus Infiltration Cellular, Lymphoid Neuron, Necrosis | + + + + + + + + + + + + + + + + M + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | 2 | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung Infiltration Cellular, Lymphoid Alveolar Epithelium, Hyperplasia Artery, Mediastinum, Mineralization Mediastinum, Inflammation | + + + + + + + + + + + + + + + + M + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflammation, Chronic Active | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Glands, Olfactory Epithelium, Hyperplasia | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Olfactory Epithelium, Metaplasia | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | 1 | | | | 1 | | 2 | | | | 1 | 1 | 1 | 2 | 1 | | | 1 | 1 | 1 | 3 | 1 | 1 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| Infarct | | | | | 4 | | | | | 4 | | | | | | | | | 4 | | | | | | |
| Infiltration Cellular, Lymphoid | 1 | 1 | 1 | 1 | 2 | | | | | 2 | 1 | 2 | 2 | 1 | 2 | | | | 3 | 1 | 2 | 1 | 2 | 1 | 1 |
| Mineralization | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Nephropathy | 1 | | 1 | 1 | | | | | | | 1 | 3 | | 1 | 1 | | | 1 | | 1 | 1 | 1 | 1 | 2 | 1 |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Perforation | | | | | | | | | | | | | | | | | | | | | | X | | | | | 1 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 1.3 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | 2 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 | |
| Infiltration Cellular, Lymphoid | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | | 2 | 1 | 1 | | 2 | 1 | 2 | 2 | 1 | 1 | | 1 | 1 | 38 1.4 | | |

* .. 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
 Page 83
 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 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 0 | 6 | 7 | 7 | |
| 0 MG/KG | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 0 | 6 | 3 | 3 | |
| ANIMAL ID | 3 | 6 | 1 | 2 | 2 | 1 | 1 | 8 | 3 | 2 | 6 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | 6 | 1 | 4 | 9 | 2 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 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 |
| Inflammation, Chronic Active | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 39 |
| Mixed Cell Focus | | | | | X | | | | | | | | | | | | | | | | | | X | 3 | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | 2 | 4 | | | | | 4 | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | 2 | | | | | 1 | |
| Hepatocyte, Vacuolization Cytoplasmic | 2 | 2 | | 2 | 2 | 2 | 1 | 3 | | 2 | 1 | 1 | 2 | 1 | | 1 | 2 | 2 | 1 | 2 | 2 | | 1 | 2 | 33 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Fat, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphoid | 1 | | | 1 | 1 | | | | | 2 | 1 | | 1 | 1 | | | | 1 | 1 | | | | 1 | 12 | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Infiltration Cellular, Lymphoid | 2 | 2 | | 2 | 1 | 1 | 1 | 2 | 2 | | 1 | 2 | 1 | | 2 | 1 | 2 | 2 | | 1 | | | 2 | 1 | 36 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Epithelium, Hyperplasia | | | | | | | | | | | 2 | | | | | | | 2 | 2 | | | | | | 8 |
| Epithelium, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Epithelium, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Glands, Cyst | 2 | | | | | | | | | | | | | | | | | | | | | | | | 8 1.6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth Malformation | + | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | X | | | | | | | | | | | | | | | | | | | | | | | | 2 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Aorta, Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Cardiomyopathy | 2 | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 48 2.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 85

TDMS No. 88148 - 07
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 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|-----|----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 0 | 6 | 7 | 7 | 25 | |
| 3 | 4 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 0 | 6 | 3 | 3 | 3.3 | | |
| 3 | 6 | 1 | 2 | 2 | 1 | 1 | 8 | 3 | 2 | 6 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 6 | 1 | 4 | 9 | 2 | 2 | 1.7 | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
0 MG/KG | 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 | 49 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | |
| 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 | |
| 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 3.0 | |
| 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 | 17 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|------|--|
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 | 2.0 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | M | M | + | 43 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2.0 | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 6.2 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1.2 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 17.8 | |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|-----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3 | 25 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 3.3 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 1.7 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3.0 |

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.3 | |
| Atrophy | | 3 | 3 | 3 | 3 | 3 | | 4 | | | 4 | 4 | | 3 | | 3 | | 4 | 3 | 4 | 3 | | 4 | 3 | | 29 | 3.3 | |
| Cyst | 2 | | 2 | | | | | 2 | | 2 | | | | | 2 | | | | | | | | | | | 11 | 2.1 | |
| Cyst, Multiple | | | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 | 2.0 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | 2 | 2.0 | |
| Mineralization | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 | 1.0 | |
| Pigmentation | 2 | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2 | 1.5 | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Endometrium, Hyperplasia, Cystic | 3 | 2 | 4 | 2 | 2 | 3 | 1 | | 4 | 1 | 1 | 1 | 4 | 1 | 2 | 2 | 2 | 4 | 3 | 3 | 1 | | 4 | 2 | 2 | 45 | 2.6 | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Infiltration Cellular, Polymorphonuclear | 1 | | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | 11 | 2.1 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.7 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.8 |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | |
| Bronchial, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | + | + |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 |
| Mediastinal, Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | + | 3 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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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 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 0 | 6 | 7 | 7 | | |
| | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 0 | 6 | 3 | 3 | | |
| | 3 | 6 | 1 | 2 | 2 | 1 | 1 | 8 | 3 | 2 | 6 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 6 | 1 | 4 | 9 | 2 | 2 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|----|-----|
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Necrosis, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 10 | 3.6 | 1 | 3.0 |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | 3 | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 3 | 3.0 | | |
| Spleen
Atrophy
Hematopoietic Cell Proliferation
Lymphoid Follicle, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 | 4.0 | 10 | 3.0 |
| | | | | | | | | 4 | | | 3 | | | | 3 | | | 3 | | | 3 | | | | | 8 | 3.6 | | |
| Thymus
Atrophy
Cyst
Cyst, Multiple
Ectopic Parathyroid Gland
Ectopic Thyroid
Hyperplasia, Lymphoid
Thymocyte, Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 7 | 3.3 | 9 | 1.9 |
| | | 3 | | | | | | | | 3 | | | 3 | | | | | | | 4 | | | | | | 21 | 2.0 | 1 | 2.0 |
| | 2 | | 2 | | 2 | | 2 | | 2 | 2 | | 2 | | 2 | | 2 | | 2 | | 1 | | 2 | | 2 | | 10 | 1.9 | 1 | 2.0 |
| | | | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | | | | | | | 2 | 3.0 | 1 | 3.0 |
| | | | | | | | | | 3 | | | | | | | 3 | | | | | | | | | | 1 | 3.0 | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|---|-----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| Skin
Epidermis, Hyperplasia
Hair Follicle, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 | 2.0 | 2 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 x .. Lesion present
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 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|--|--|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|-------|
| Sebaceous Gland, Atrophy | 4 | | | | | | | | | | | | 1 2 | | | | | | | | | | | | 6 2.2 |
|--------------------------|---|--|--|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|-------|

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Infiltration Cellular, Lymphoid | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Brain | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Compression | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Neuron, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 1.5 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Infiltration Cellular, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 2.3 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 1.0 |
| Artery, Mediastinum, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Mediastinum, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.3 |
| Glands, Olfactory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Olfactory Epithelium, Metaplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | + | + | | | | | | | | | | | | | | | | | | | | | | | | + | 49 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|--|---|---|---|---|---|---|--|--|--|---|---|---|---|---|---|---|--|--|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | + | + | | | | | | | | | | | | | | | | | | | | | | | | + | 49 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | + | + | | | | | | | | | | | | | | | | | | | | | | | | + | 49 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Infiltration Cellular, Lymphoid | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 2 | 2 | 1 | 2 | 1 | | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | + | + | | | | | | | | | | | | | | | | | | | | | | | | + | 49 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 4.0 |
| Infiltration Cellular, Lymphoid | 1 | | 1 | 1 | 1 | 2 | 1 | | 2 | 1 | 2 | 1 | 1 | 1 | | 2 | 3 | 3 | 1 | 2 | 1 | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Nephropathy | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 90

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder
Infiltration Cellular, Lymphoid | +
1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum
Inflammation, Chronic Active
Ulcer | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver
Basophilic Focus
Clear Cell Focus
Hematopoietic Cell Proliferation
Infiltration Cellular, Lymphoid
Inflammation, Chronic Active | +
X
X
1
1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 2 3 1 1 1
1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 3 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|--|--|---|--|---|--|---|---|---|---|---|---|--|--|--|---|---|
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | X | | | | | | | | | | | | | | | | | X |
| Tension Lipidosis | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 1 | | | 2 | | 2 | | 2 | 2 | 2 | 1 | 2 | 1 | | | | 2 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
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M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
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TDMS No. 88148 - 07
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3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

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 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|---|---|---|---|---|---|---|---|--|--|---|---|---|--|---|---|---|--|---|--|--|---|---|--|--|
| Infiltration Cellular, Lymphoid | | | 1 | | | | | 1 | | | | | 1 | | | | | 2 | | | | | | 1 | | |
| Mineralization | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | |
| Epithelium, Erosion | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Epithelium, Hyperplasia, Focal | | | | 1 | 2 | 2 | | | | | | 2 | 1 | | | | 2 | | | 1 | | | 2 | | | |
| Epithelium, Ulcer | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Glands, Cyst | | 1 | | 1 | | 2 | | | 1 | | | 1 | | | | 1 | | | | 1 | | | | | | |

Tongue +

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Aorta, Mineralization | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| Valve, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 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 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

females (cont...)

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

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Clitoral Gland
Atrophy
Infiltration Cellular, Lymphoid
Inflammation, Chronic Active
Duct, Cyst | +
4 4 3 3 4 3 3 4 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
3 3 3 3 3 2 2 3 3 2 3 3 2 3 3 3 2 2 3 2 4 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
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TDMS No. 88148 - 07
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 CAS Number: 14047-09-7

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 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | | 4 | 3 | | 4 | 4 | 4 |
| Cyst | | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | 2 | 3 | 2 | 2 | 2 | 2 | 4 | | | 2 | 2 | 4 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | | 1 | 2 | 1 |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Polymorphonuclear | | 3 | 1 | | 1 | | | 2 | | | | | | | | | 2 | | | | 1 | | 1 | 2 | |
| Epithelium, Atrophy | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | 4 | 4 | | 4 | | | | | | | 4 | 4 | | | |
| Myelofibrosis | | | 2 | 1 | 1 | 2 | 2 | 2 | | | | | 2 | | | | 1 | 2 | | 2 | 1 | | 3 | 3 | 1 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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 + .. Tissue examined microscopically
 x .. Lesion present
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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE
3 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | ANIMAL ID | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | 6 | 7 | 7 | |
| | | 7 | 6 | 3 | 3 | 3 | 3 | 3 | 7 | 5 | 0 | 2 | 1 | 3 | 7 | 5 | 3 | 3 | 4 | 3 | 3 | 6 | 7 | 3 | 3 | |
| | | 5 | 1 | 1 | 2 | 1 | 3 | 2 | 1 | 3 | 9 | 3 | 2 | 6 | 1 | 4 | 4 | 2 | 3 | 2 | 1 | 2 | 6 | 3 | 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 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Hyperplasia, Lymphoid Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 1-4 .. Lesion qualified as:
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|-------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 6 6 7 7 7 7 7 7 6 4 7 7 7 7 6 6 7 7 5 7 7 5 6 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE
3 MG/KG | 7 6 3 3 3 3 3 3 7 5 0 2 1 3 7 5 3 3 4 3 3 6 7 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 1 1 2 1 3 2 1 3 9 3 2 6 1 4 4 2 3 2 1 2 6 3 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

| | | |
|--------------------------|---|---------|
| Epidermis, Hyperplasia | 2 | 3 |
| Epidermis, Ulcer | | 4 |
| Sebaceous Gland, Atrophy | 3 | 3 3 4 2 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle Inflammation, Chronic Active | + | | | | | | | | | | | | + | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Brain Compression | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Meninges, Hemorrhage | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve Sciatic, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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TDMS No. 88148 - 07

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

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CAS Number: 14047-09-7

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Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

Infiltration Cellular, Lymphoid
 Infiltration Cellular, Polymorphonuclear
 Inflammation, Chronic Active
 Alveolar Epithelium, Hyperplasia
 Alveolus, Infiltration Cellular, Histiocyte
 Artery, Mineralization
 Artery, Mediastinum, Mineralization

1 4 1
 1
 3

Nose +

Trachea +

SPECIAL SENSES SYSTEM

Eye +

Harderian Gland +

Hyperplasia

Infiltration Cellular, Lymphoid 1

URINARY SYSTEM

Kidney +

Infarct 4 2

Infiltration Cellular, Lymphoid 1 1 2 1 2 1 2 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Metaplasia, Osseous 2

Mineralization 1 1 3 1 1 1

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

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | 6 | 7 | 7 |
| DAY ON TEST | | 7 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 5 | 0 | 2 | 1 | 3 | 7 | 5 | 3 | 3 | 4 | 3 | 3 | 6 | 7 | 3 | 3 |
| DAY ON TEST | | 5 | 1 | 1 | 2 | 1 | 3 | 2 | 1 | 3 | 9 | 3 | 2 | 6 | 1 | 4 | 4 | 2 | 3 | 2 | 1 | 2 | 6 | 3 | 1 | 1 |
| B6C3F1 MICE FEMALE
3 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 |
| | 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 |
| | 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 |
| | ANIMAL ID | 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 |
| | ANIMAL ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Nephropathy | | | | 1 | 2 | 1 | 1 | | 1 | 1 | | | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 1 | 2 | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation | | | 4 | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urethra | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Glands, Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphoid | | 1 | 1 | | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | 2 |

females (cont...)

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

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

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

Page 100

TDMS No. 88148 - 07
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 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | 1 | | | | | 1 | | | | | | | | | | 3 1.0 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Clear Cell Focus | | | | X | | | X | | X | | | | | | | | | | | | | | X | | 1 | |
| Hematopoietic Cell Proliferation | 2 | | | 1 | | 1 | | | | | | | | | | | | | | 2 | | | | | 9 1.3 | |
| Infiltration Cellular, Lymphoid | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | | 1 | 1 | 1 | | 2 | 1 | 1 | 1 | | 1 | 1 | 2 | 40 1.1 |
| Inflammation, Chronic Active | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 2 | | 1 | 1 | 1 | | 1 | 1 | 2 | | 2 | 2 | 1 | 37 1.3 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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TDMS No. 88148 - 07

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Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| B6C3F1 MICE FEMALE | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 5 | 6 | 7 | 7 | |
| 3 MG/KG | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 1 | 3 | 6 | 3 | 7 | 3 | 3 | 7 | 9 | 6 | 3 | 3 | |
| | 3 | 3 | 3 | 9 | 2 | 3 | 2 | 3 | 1 | 1 | 3 | 2 | 7 | 3 | 1 | 3 | 7 | 2 | 1 | 1 | 6 | 4 | 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 | | |
| | 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 | 0 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| Mineralization | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | 2 | | 2 | | 2 | | | | | | 1 | | 2 | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 2 | | | | 1 | | 4 | 2 | 2 | | 3 | 1 | | 2 | | 2 | 1 | | 2 | 2 | 2 | | 2 | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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 Page 102

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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CAS Number: 14047-09-7

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First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|---|---|---|---|---|--|--|--|--|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|-----------|------------|--|
| Infiltration Cellular, Lymphoid | 1 | | | 2 | | | | | | | | | 2 | | | | 1 | | | 1 | 1 | | | 1 | 2 | 2 | 14 | 1.4 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 4 | 1.0 | |
| Epithelium, Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Epithelium, Hyperplasia, Focal | | | | 2 | | 2 | 1 | | | | | | | | 2 | | | 1 | 2 | | 1 | 1 | 1 | 2 | 1 | | 19 | 1.5 | |
| Epithelium, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Epithelium, Glands, Cyst | | | 1 | | 1 | | 1 | | | | | | | 1 | 2 | | 1 | 2 | 1 | | 1 | 1 | 2 | 2 | | | 19 | 1.3 | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Aorta, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1.2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.3 |
| Valve, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 2.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | 47 |
| Cyst | | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 2.0 |
| Cyst, Multiple | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Pars Distalis, Hyperplasia | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | 5 2.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Follicle, Degeneration | 2 | 3 | 2 | 2 | | 2 | | 2 | 2 | 2 | 2 | | 1 | 2 | | 3 | 2 | | | | | 2 | 2 | 2 | 28 2.1 |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | 3 | 3 | | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 2 | 3 | 3 | | 3 | 44 3.3 |
| Infiltration Cellular, Lymphoid | 1 | | | | | | | | | | | 2 | | | | | | | 2 | | | | 2 | | 1 | 5 1.6 |
| Inflammation, Chronic Active | | | | | | | 1 | | 2 | | 2 | | | | | | | 1 | | | | | | | | 4 1.5 |
| Duct, Cyst | 2 | 3 | | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | | 46 2.6 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|--|--|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|----|-----|
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Atrophy | 4 | 3 | 3 | 3 | 4 | | | | | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | | 44 | 3.4 |
| Cyst | | | | | | | | 2 | | | | | | | | 2 | 3 | 2 | | 2 | | | | | | | 8 | 2.1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|---|----|---|----|-----|
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Endometrium, Hyperplasia, Cystic | 3 | 2 | 2 | 2 | 3 | 2 | 1 | 3 | 4 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 45 | 2.1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|---|--|--|--|--|--|--|--|---|--|---|--|--|--|---|---|---|---|--|---|---|---|----|---|----|-----|
| Vagina | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Infiltration Cellular, Polymorphonuclear | 2 | | 3 | | | | | | | | 2 | | 1 | | | | 2 | 1 | 2 | 2 | | 3 | 1 | 1 | 1 | 1 | 21 | 1.7 |
| Epithelium, Atrophy | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 2 | 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 1 | 3.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|--|---|---|--|---|--|---|---|--|--|---|--|--|--|---|----|---|----|-----|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Hyperplasia | 4 | | | | | | | | | | | | | | | | 4 | | | 4 | | | | | | | 8 | 4.0 |
| Myelofibrosis | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | | 1 | 1 | | 2 | | 1 | | | | | | | | 3 | 2 | 2 | 30 | 1.7 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|-----|
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | 8 | | | |
| Mediastinal, Hematopoietic Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Lymph Node, Mandibular | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
|------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| Hyperplasia, Lymphoid Pigmentation | 4 | 4 | 4 | | 4 | 4 | | | | | | | | | | | | | | | | | | | | 8 3.9
1 2.0 |
| Lymph Node, Mesenteric Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
1 2.0 |
| Artery, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 2
1 2.0 |
| Spleen Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
3 3.7 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1
1 1.0 |
| Hematopoietic Cell Proliferation | 3 | 3 | | 2 | | 3 | | | | 3 | | | | | | | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 25 2.7 |
| Thymus Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 48
15 3.5 |
| Cyst | | | | | | 1 | | | | 3 | | | | | 4 | | | | | | | | | | | 5 1.8 |
| Cyst, Multiple | | | | | 2 | 2 | | 2 | | 2 | 2 | 2 | | 2 | | | 1 | | 2 | 2 | | 2 | | 2 | | 31 2.1 |
| Ectopic Parathyroid Gland | | | | 2 | | 2 | | | | | | | | | | | 2 | | | | | | 2 | 2 | | 11 1.6 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Inflammation, Chronic Active | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 5 2.0 |
| Thymocyte, Necrosis | | | | | | | | | | | | | | | | | | 4 | | | | | | | | 1 4.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
2 3.0 |
| Dermis, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 106

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--|--|---|--|--|--|--|--|--|--|---|--|---|--|---|--|--|--|--|--|---|--|--|--|--|---|-----|-----|
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 | |
| Epidermis, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Sebaceous Gland, Atrophy | | | 1 | | | | | | | | 1 | | 4 | | 4 | | | | | | 2 | | | | | | 10 | 2.7 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-------|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 1 2.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Compression | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Meninges, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sciatic, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 Page 107

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|--|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 5 | 6 | 7 | 7 | 7 | | |
| | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 1 | 3 | 6 | 3 | 7 | 3 | 3 | 7 | 9 | 6 | 3 | 3 | 3 | | |
| | 3 | 3 | 3 | 9 | 2 | 3 | 2 | 3 | 1 | 1 | 3 | 2 | 7 | 3 | 1 | 3 | 7 | 2 | 1 | 1 | 6 | 4 | 1 | 1 | 2 | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 3 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 | 3 | | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
| Infiltration Cellular, Lymphoid | | | | | | | 2 | | | | 2 | | | | | | | | | | | | | | 2 2.0 | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Inflammation, Chronic Active | 2 | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | 3 | | | | 2 | | | | | | | | | | | | | | 3 2.7 | | |
| Artery, Mineralization | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 1.0 | | |
| Artery, Mediastinum, Mineralization | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | 4 | | | | | | | | | | | | | | | | 2 | 3 | | 3 3.0 | | |
| Infiltration Cellular, Lymphoid | | | | 1 | | | | | | 2 | | | | | | | | 1 | 1 | | | | | 1 | 13 1.1 | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infarct | | | | | | | | | | | 2 | 2 | | | | | | 2 | | | 3 | | | | 6 2.5 | | |
| Infiltration Cellular, Lymphoid | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | | 1 | | | 3 | 1 | | | | | 1 | 1 | 35 1.5 | | |
| Metaplasia, Osseous | | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 2.0 | | |
| Mineralization | 2 | 1 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | 1 | 1 | 1 | 14 1.2 | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
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 CAS Number: 14047-09-7

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 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 5 | 6 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 1 | 3 | 6 | 3 | 7 | 3 | 3 | 7 | 9 | 6 | 3 | 3 | 3 |
| | 3 | 3 | 3 | 9 | 2 | 3 | 2 | 3 | 1 | 1 | 3 | 2 | 7 | 3 | 1 | 3 | 7 | 2 | 1 | 1 | 6 | 4 | 1 | 1 | 2 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 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 | 3 |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Nephropathy | 2 | | | 1 | | 1 | | 2 | 1 | 3 | 1 | 1 | | 1 | 3 | | 1 | 1 | 3 | | 1 | 1 | 1 | | 32 1.3 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | 4 | | | | | | 2 | | | | | | | | | | 2 3.0 |
| Renal Tubule, Dilatation | 2 | | | | | | 2 | | | | | | | | 2 | | | | | | | | | | 5 2.4 |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urethra | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Glands, Transitional Epithelium, Hyperplasia | | | | | | | 2 | | | 2 | 2 | | | | | | | | | | 2 | | | | 4 2.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | | 1 | | 1 | | 1 | 1 | 1 | 2 | | | | | | | 1 | 2 | 1 | 1 | | 1 | 1 | | 1 | 30 1.1 |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 4 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 6 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | 7 | 3 | 6 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 2 | 9 | 3 | 9 | 8 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 7 | 1 | 1 | 1 | 3 | 5 | 6 | 1 | 1 | 2 | 1 | 3 | 2 | 3 | 1 | 2 | 2 | 3 | 3 | 1 | 2 | 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 | | |
| | 0 | 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 | 3 | 3 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | females (cont...) | |
| Hematopoietic Cell Proliferation | 1 | | 2 | | | | | | | 1 | | | | | 2 | | | | 1 | 2 | | | | | | | |
| Infiltration Cellular, Lymphoid | 1 | 2 | | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | | | 1 | | | | | 1 | 1 | 2 | 1 | 1 | | |
| Inflammation, Chronic Active | 2 | 2 | | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | 1 | 1 | | | 1 | | | | | 1 | 1 | 2 | 1 | 1 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| Tension Lipidosis | | | | | | | | | | | | 3 | | | | | | | | | | 4 | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | 1 | | 2 | 1 | | | | | | 1 | 4 | 2 | 2 | | | | 4 | | | | 3 | 2 | 1 | 2 | 2 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Fat, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | | | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | | 1 | | | | | 1 | | | | | | | | | | | | 1 | | | | 1 | | 1 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

B6C3F1 MICE FEMALE
10 MG/KG

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphoid | | | 1 | | 2 | 1 | | 2 | 2 | 2 | | 2 | | 1 | 2 | | 1 | | | 2 | 2 | | 2 | 2 | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | 1 | | | 1 | | | | | | | 1 | | | | | |
| Epithelium, Hyperplasia, Focal | | | 3 | 1 | 2 | 3 | | 1 | | | | 2 | 2 | | | | | | 2 | 1 | | 2 | 2 | | |
| Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Glands, Cyst | | | 2 | | 1 | | | 2 | 1 | | 2 | | | | | 1 | | | 1 | | | | | | |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | | | 2 | 2 | 2 | 2 | 2 | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

B6C3F1 MICE FEMALE
10 MG/KG

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | 2 | | 3 | | 2 | | | 2 | 2 | | 2 | 2 | | 2 | 1 | | 2 | 2 | | 2 | 3 | 2 | | 1 | |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Atrophy | | 4 | 4 | 4 | 4 | | 4 | | | 4 | | 4 | 4 | 4 | | | 4 | | | 3 | 4 | | 4 | 3 | 4 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | 1 | | | | | | 3 | 2 | | 1 | 2 | 2 | | | | | 3 | 2 | | 2 | 2 | | | |
| Duct, Cyst | | 4 | 4 | 3 | 4 | 2 | 3 | | 4 | 3 | 4 | 3 | 3 | 4 | 2 | | 4 | 4 | | 3 | 4 | | 3 | 2 | 3 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Atrophy | | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | | 3 | 3 | 3 | 3 | 4 | 3 | |
| Cyst | | | | 3 | | 4 | | | | | | | | | | 2 | | | | | | | | | 4 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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TDMS No. 88148 - 07
 Test Type: CHRONIC
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

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 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Oviduct Inflammation, Chronic Active | +
3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus Cyst Inflammation, Chronic Active | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | 2 2 2 2 4 2 2 2 2 2 2 2 3 4 2 2 2 2 2 3 3 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina Infiltration Cellular, Polymorphonuclear Inflammation, Chronic Active | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow Hyperplasia | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Myelofibrosis | 4 4 2 2 2 2 2 2 3 2 2 3 4 4 4 4 2 1 2 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Mediastinal, Hyperplasia, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Inflammation, Chronic Active | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular Hyperplasia, Lymphoid Pigmentation | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + + + + + + M + | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Hyperplasia, Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Amyloid Deposition | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | 3 4 2 2 2 4 4 3 3 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Hyperplasia | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + + I + + M + + + M + + + + M + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 4 4 4 4 4 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst, Multiple | 2 2 2 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ectopic Parathyroid Gland | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Dermis, Fibrosis | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Ulcer | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hair Follicle, Dilatation | 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sebaceous Gland, Atrophy | 1 4 4 1 4 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Inflammation, Chronic Active | 3 2 | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

Subcutaneous Tissue, Metaplasia,
Osseous

MUSCULOSKELETAL SYSTEM

Bone +
 Skeletal Muscle

NERVOUS SYSTEM

Brain +
 Peripheral Nerve +
 Spinal Cord Degeneration +
 2

RESPIRATORY SYSTEM

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

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Ear | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Optic Nerve, Infiltration Cellular, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | 4 2 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | 1 1 1 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 2 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 1 1 1 1 4 1 2 4 2 2 1 1 2 1 1 3 3 2 3 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Glomerulus, Amyloid Deposition | 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 4 | 7 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 4 | 7 | 6 | 6 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | 7 | 3 | 6 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 2 | 9 | 3 | 9 | 8 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 7 | 1 | 1 | 1 | 3 | 5 | 6 | 1 | 1 | 2 | 1 | 3 | 2 | 3 | 1 | 2 | 2 | 3 | 3 | 1 | 2 | 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 | females | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | (cont...) | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |
| Papilla, Necrosis | 4 | | | | | | | | 4 | | | | 4 | | | | 4 | | | | | | | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | 3 | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation | | | | | 3 | | | | 3 | | | | 3 | | | | | | | | 3 | | | | | | |
| Urethra | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Dilatation | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphoid | 1 | | 1 | | 1 | | 2 | | | | 1 | | 2 | | 1 | | 1 | | | | 1 | | 1 | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
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TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Perforation | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Clear Cell Focus | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | X | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 M .. Missing tissue
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 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 6 | 7 | 6 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3 | 8 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 9 | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 3 | 1 | 2 | 1 | 3 | 3 | 7 | 1 | 1 | 3 | 7 | 2 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 0 | 8 | 1 | 8 | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 2 | 9 1.6 | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | 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 | 38 1.2 | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 37 1.2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | X | X | X | 4 | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 2 | 4 2.5 | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 2.3 | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 2 | 4 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 1 | 35 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 9 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 1 3.0 | | | | | | | | | | | | | | | | | | | | | |
| Fat, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 3 | 5 2.6 | | | | | | | | | | | | | | | | | | | | | |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Fat, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4 | 4 | 3 1.3 | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 5 4.0 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 1 | 6 1.3 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 2 | 2 2.5 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 1.5 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 1 3.0 | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 2.0 | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | 1 | 2 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 38 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 2 | 1 4.0 | | | | | | | | | | | | | | | | | | | | | |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | | 2 | 2 | 2 | 2 | 2 | | | 2 | 2 | 1 | | | 2 | 2 | 2 | 2 | 1 | 2 | | | | 1 | | 30 1.7 |
| Inflammation, Chronic Active | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Epithelium, Hyperplasia, Focal | | 2 | | | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | | 2 | 2 | | 1 | 2 | 2 | | | | 2 | | 26 1.9 |
| Epithelium, Necrosis | | | 3 | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Epithelium, Glands, Cyst | | | | 1 | 1 | | 1 | 1 | | | 1 | | | 1 | | | | | | | | | | | 13 1.2 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 |
| Mineralization | 2 | | | | | | | | | | | | | | | | | | | | | 2 | | | 3 1.7 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Subcapsular, Hyperplasia | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 47 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | 2 | | | | | | | 2 | | | | | | | | | | | 2 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| Oviduct | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Endometrium, Hyperplasia, Cystic | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 4 | | 2 | 2 | 2 | 2 | 1 | 1 | 3 | | 2 | | 45 2.2 | |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Polymorphonuclear | | 2 | | 2 | 1 | 1 | 2 | 2 | | | | | | 1 | 2 | 2 | 1 | | | | 2 | | 3 | 1 | | | 15 1.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 2 | | | | | | | | | 3 | | | 3 2.3 |
| Epithelium, Atrophy | | | | | | | | | | | | | | 2 | | | 2 | | | | | | | | | | 3 2.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 4.0 |
| Myelofibrosis | | 1 | 2 | 3 | 2 | 3 | 2 | | 2 | 3 | 2 | | 2 | 2 | 2 | | 2 | 2 | 1 | 1 | | | 1 | | | 33 1.9 | |
| Lymph Node | + | | | | | | | | | + | | | | | + | | | | | | | | + | | | 9 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | 2 3.5 |
| Mediastinal, Inflammation, Chronic Active | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | 1 4.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | 3 | 3 | | 3 | | | 4 | | 4 | | | | | 9 3.7 |
| Pigmentation | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|---|---|---|---|---|---|---|---|----|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--------|-------|-------|--------|--------|--------|
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | 4 | | | 4 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 2.8 | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 2.6 | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | | |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | |
| Thymus | | | | | | | | | | | | | | | | | | | | | | | | | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 3.9 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.8 | |
| Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 2.1 | |
| Ectopic Parathyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 1.9 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 1.8 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|--|--|--|--|--|--|--|--|--|--|---|--|--|---|---|--|---|---|--|--|--------|--|--|--|--|--|--|--|-------|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Mammary Gland | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | | | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dermis, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 3.8 | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 3.8 | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 4.0 | | | | | | | | | | | | | | | | | | | | | | | |
| Hair Follicle, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 1 | | | | | | | | | | | 1 | | | 1 | 2 | | | 1 | | | 11 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sebaceous Gland, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 1 | | | | | | | | | | | 4 | | | 4 | | | 3 | 4 | | | 11 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

Subcutaneous Tissue, Metaplasia, Osseous 1 1.0

MUSCULOSKELETAL SYSTEM

Bone + 50

Skeletal Muscle + 1

NERVOUS SYSTEM

Brain + 50

Peripheral Nerve 1

Spinal Cord Degeneration 1 1 2.0

RESPIRATORY SYSTEM

Lung + 50

Inflammation, Chronic Active 1 2 2 2 5 1.6

Alveolar Epithelium, Hyperplasia 1 2.0

Alveolus, Infiltration Cellular, Histiocyte 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

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

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-------|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Optic Nerve, Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Harderian Gland | + + + + + + + M + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 2.5 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 7 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Zymbal's Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|-------------------|--------|--------|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 5 3.2 | | |
| Infarct | 4 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 4 | 3 2 | 11 3.6 |
| Infiltration Cellular, Lymphoid | 2 2 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1 2 1 1 2 1 1 1 | 37 1.2 | |
| Mineralization | 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 13 1.2 | |
| Nephropathy | 2 1 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 2 2 1 | 1 1 2 2 | 38 1.7 | |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 1 2 | 1 2.0 | |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|-----------------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 6 | 7 | 6 | 7 | | |
| | 4 | 3 | 8 | 3 | 3 | 3 | 3 | 7 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 9 | 3 | |
| | 1 | 3 | 1 | 2 | 1 | 3 | 3 | 7 | 1 | 1 | 3 | 7 | 2 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 0 | 8 | 1 | 8 | 1 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 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 | 3 | | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | * TOTALS | |
| Papilla, Necrosis | 4 | | | | | 4 | 2 | | | | | | | | 4 | | | | | | | | | | 8 3.8 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Renal Tubule, Dilatation | 2 | | | | | | | | | | | | | | | | | | | 2 | | | | | 6 2.7 | |
| Urethra | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Lymphoid | 1 | 1 | 2 | | | | | 1 | | | | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | | 1 | 27 1.1 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
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TDMS No. 88148 - 07
 Test Type: CHRONIC
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 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
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 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|-----------------|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|
| | 0715 | 0655 | 0555 | 0555 | 0656 | 0557 | 0777 | 0776 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | 0777 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 MG/KG | 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 | females (cont...) |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Perforation | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | 4 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Amyloid Deposition | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | 3 | 2 | | 2 | | | | 2 | 1 | 1 | | 1 | | | | | 2 | | 2 | | | 1 | 2 |
| Infarct | | 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. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 6 | 5 | 5 | 5 | 6 | 5 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 6 | 6 | 6 | 0 | 6 | 6 | 4 | 0 |
| ANIMAL ID | 1 | 0 | 4 | 2 | 4 | 7 | 4 | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 7 | 4 | 8 | 4 | 1 | 4 | 5 | 8 |
| | 5 | 3 | 5 | 2 | 3 | 3 | 3 | 8 | 3 | 1 | 2 | 3 | 3 | 1 | 2 | 7 | 3 | 7 | 8 | 0 | 8 | 5 | 5 | 2 | 5 |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 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 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | 1 | | | | | | | | | 1 | | 1 | 1 | 1 | 2 | | | 1 | 1 | 2 | | | | | |
| Inflammation, Chronic Active | | | 2 | | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 2 | 2 | 2 | 2 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Bile Duct, Hyperplasia | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Inflammation, Chronic Active | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | | | | 2 | | 2 | | | | | | | | | | | 1 | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | 3 | | | | | | 1 | | | 2 | 2 | 1 | 2 | | | 4 | | | | | 3 | | |
| Mesentery | + | | | + | | + | | + | | | | | | | + | | + | | | | + | + | | + | |
| Fat, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 2 | | 2 | | | | 2 | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | 4 | | | | | | 4 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphoid | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | 7 | 6 | 5 | 5 | 5 | 6 | 5 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 4 | 6 | 6 | 6 | 0 | 6 | 6 | 4 | |
| ANIMAL ID | 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 | |
| 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 | | |
| 30 MG/KG | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epithelium, Hyperplasia | 2 | 1 | 1 | 2 | | | | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 3 | 2 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphoid | | | 1 | 2 | | | | | 2 | | 2 | 2 | | | | | | | | | 1 | 1 | 2 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Mineralization | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia, Focal | | | | 2 | | | | | 2 | | 2 | 2 | 2 | | | | | | 2 | | | 2 | 3 | 2 |
| Epithelium, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Glands, Cyst | | | | 1 | | | | | 1 | 1 | 2 | 2 | | | | | | 2 | 2 | | | 3 | 4 | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Aorta, Mineralization | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | 1 | | | | | | | | | | | | | 1 | | 2 | | | 2 | 2 | |
| Hyperplasia, Atypical | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Mineralization | | | | | 2 | | | | | | | | | | | | | | | | | 2 | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|
| Degeneration, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Subcapsular, Hyperplasia | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 2 | | | | | | |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland Cyst, Multiple | M + + + + + + + M + M + + M + + + M + + + M + + M | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Angiectasis | 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 2 | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | 2 |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|--|---|---|--|---|---|---|---|---|---|---|---|--|---|---|---|--|---|--|---|---|--|
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | 4 | 3 | | 3 | 4 | | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | | 4 | 4 | 3 | | 4 | | 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
 Page 131

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | 2 | | | | | | 2 | | | | | | | 2 | | | | | | | |
| Inflammation, Chronic Active | | | | 3 | | 2 | | | | 2 | 3 | 2 | 2 | | | | | | 3 | | | | 1 |
| Duct, Cyst | 2 | 3 | 3 | | 4 | 4 | 2 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | | 4 | 4 | 4 | 3 | 3 | | 4 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | | | 4 | 4 | 3 | 3 | 4 | | 4 |
| Cyst | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Endometrium, Hyperplasia, Cystic | 1 | | | 2 | 1 | 1 | | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | 2 |
| Vagina | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | 2 | | | | 4 | | | 1 | 1 | | 1 | 1 | | 1 | 1 | | 1 | | 2 | 4 | | 4 | |
| Epithelium, Atrophy | | | | | | | | | | | 2 | | | | | | | | | | | | 4 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | 4 | 4 | | 4 | | 4 | | | | | | | 4 | | 4 | | 4 | | 4 | |
| Myelofibrosis | | | | | | | | 2 | | | 1 | 1 | 2 | | | | 2 | | | | | | |
| Lymph Node | + | + | | | + | + | | | | + | + | | | | + | + | | | | | + | | |
| Inguinal, Pigmentation | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Hematopoietic Cell | | | | | | | | | | | | | | | | | | | | | | | |
| Proliferation | | | | | | | | | | | 1 | | | | | | | | | | | | |

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

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

B6C3F1 MICE FEMALE

30 MG/KG

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreatic, Hyperplasia, Lymphoid
Pancreatic, Pigmentation
Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Necrosis, Lymphoid
Pigmentation | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 | 4 | 4 | 3 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen
Amyloid Deposition
Atrophy
Hematopoietic Cell Proliferation
Infarct
Lymphoid Follicle, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus
Atrophy
Cyst
Cyst, Multiple
Ectopic Parathyroid Gland
Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 3 | 2 | 2 | 3 | 3 |

INTEGUMENTARY 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 133

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| 30 MG/KG | 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 | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | | | | | 3 | | 4 | | | | | 4 | | | | | | | 4 | | | | 4 | 4 | | |
| Dermis, Fibrosis | | | | | 3 | | 4 | | | | | 4 | | | | | | | 4 | | | | 3 | 3 | | |
| Epidermis, Hyperplasia | | | | | 2 | | 4 | | | | | 3 | | | | | | | 4 | | | | 3 | 3 | | |
| Epidermis, Ulcer | | | | | 4 | | 4 | | | | | 4 | | | | | | | 4 | | | | 4 | 4 | | |
| Hair Follicle, Dilatation | 1 | 1 | 1 | | | 1 | 2 | 1 | | 2 | | | 1 | 2 | | | 2 | 2 | | 2 | | 1 | 1 | 7 | | |
| Sebaceous Gland, Atrophy | 4 | 4 | 4 | 3 | | 4 | | 1 | | | | | | 4 | | | 1 | | | | 4 | 4 | 2 | 7 | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Osteopetrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | + | | | | | | | | | | + | + | | | | | | + | | + | | |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | | | | 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 134

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|
| Infiltration Cellular, Lymphoid
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | 4 | | | | | | 4 | | | | | | 2 | | | | | | | |
| Alveolar Epithelium, Hyperplasia
Alveolar Epithelium, Metaplasia,
Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte
Bronchiole, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose
Glands, Olfactory Epithelium, Dilatation | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye
Cornea, Inflammation, Chronic Active | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Optic Nerve, Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Optic Nerve, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland
Hyperplasia | M + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 4 | | | | | | 1 | | | | | | 2 | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

females (cont...)

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Infarct | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | 1 | | 1 | | 2 | | | | | 1 | 1 | 1 | 2 | 1 | 1 | | | 1 | | 2 | 1 | | | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Mineralization | 1 | 1 | | | 2 | | | | | | | | 3 | | | | | | | 1 | 1 | | 3 | 2 |
| Nephropathy | 3 | 1 | 1 | 2 | 3 | | 1 | | 1 | 1 | 1 | 3 | 1 | 1 | | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 4 |
| Glomerulus, Amyloid Deposition | | | | | 2 | | | | | | | | | | | | | | | | 2 | | | 2 |
| Papilla, Necrosis | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| Pelvis, Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | 3 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Renal Tubule, Dilatation | | | | | 4 | | | | | | | | | | | | | | | | | 3 | | 3 |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Urethra | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Glands, Transitional Epithelium, Hyperplasia | | | 2 | | | | 2 | | | | | 4 | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphoid | | | | | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 |
| Inflammation, Chronic Active | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|-----|
| Esophagus Perforation | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1 | 4.0 |
| Gallbladder Infiltration Cellular, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 1 | 1.0 |
| Intestine Large, Cecum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Small, Ileum | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Intestine Small, Jejunum Peyer's Patch, Hyperplasia, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 3 | 4.0 |
| Liver Amyloid Deposition | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | 4 | 2.5 |
| Liver Basophilic Focus | + | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Liver Eosinophilic Focus | + | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Liver Hematopoietic Cell Proliferation | + | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.7 |
| Liver Infarct | + | | | | | | | | | | | | | | | | | | | | | | | | | | 3.0 |

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

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------|
| | 0
4
7
7 | 0
7
3
2 | 0
7
3
2 | 0
6
8
8 | 0
7
3
3 | 0
7
3
1 | 0
7
3
1 | 0
3
0
4 | 0
6
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8 | 0
7
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3 | 0
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3
3 | 0
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3
3 | 0
0
3
3 | 0
0
3
3 | 0
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 | |
| 30 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 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 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 3
1 3.0 |
| Infiltration Cellular, Lymphoid | 1 | 2 | 1 | 2 | 1 | 2 | | 1 | 2 | | 1 | 1 | 1 | | 1 | 1 | 3 | 1 | 1 | 2 | | 1 | 2 | 28 1.4 | |
| Inflammation, Chronic Active | 1 | 2 | | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 2 | | 1 | 1 | 32 1.2 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Tension Lipidosis | | 2 | | | | | | | | | | | | | | | | | | | | 4 | 2 | 4 2.5 | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | 2 | | | | | | | | 2 2.0 |
| Bile Duct, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Hepatocyte, Vacuolization Cytoplasmic | | 2 | | | 1 | 2 | | 2 | | 1 | | 1 | | 1 | | 1 | | 2 | 1 | | | 2 | 1 | 20 1.8 | |
| Mesentery | | | | | | | | | | | + | + | | | | | | | | | | | | | 15 |
| Fat, Fibrosis | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | 2 | 6 2.5 |
| Fat, Inflammation, Chronic Active | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 | 7 1.9 |
| Fat, Necrosis | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | 4 | 8 4.0 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Congestion | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | 2 | 2 | | | | 2 | | | 3 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | 2 | | | | | | | | 1 2.0 |
| Duct, Cyst, Multiple | | | | | | | | | | | | | | | | | 4 | | | | | | | | 1 4.0 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 | 10 1.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 1.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 138

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Epithelium, Hyperplasia | 3 | 3 | 2 | 3 | | 2 | 1 | 2 | 4 | 1 | 2 | 2 | 3 | 3 | 1 | 2 | 1 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | 43 2.0 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | 2 | 1 | 2 | 3 | 2 | 2 | | 1 | 2 | | 2 | 1 | 2 | | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | | 28 1.7 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mineralization | | 1 | | | | | | | | | 2 | | | | | | | | | | | | | | 3 1.7 |
| Epithelium, Hyperplasia, Focal | 2 | 2 | 2 | 2 | 2 | 3 | | 2 | 2 | | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | | 1 | | 3 | 28 2.1 |
| Epithelium, Ulcer | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Glands, Cyst | 1 | 3 | 2 | 2 | | 2 | 1 | 1 | 2 | | | | | 1 | | | | 1 | 2 | | | | 1 | 2 | 22 1.8 |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Aorta, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cardiomyopathy | | | 3 | | | 2 | | 1 | | | 1 | | | | | | | | | | | | | | 9 1.7 |
| Hyperplasia, Atypical | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Degeneration, Fatty | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 48 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | 41 |
| Cyst, Multiple | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Pars Distalis, Cyst | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Pars Distalis, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 5 2.4 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Follicle, Degeneration | 3 2 | | | | | | | | | | | | | | | | | | | | | | | | 20 2.0 |

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrophy | 3 3 4 3 3 3 3 4 3 4 3 4 4 4 4 4 4 3 3 4 4 4 3 | | | | | | | | | | | | | | | | | | | | | | | | 40 3.6 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| Inflammation, Chronic Active Duct, Cyst | 3 | | 2 | 2 | 3 | | 2 | 1 | 1 | | 3 | | 3 | 3 | 2 | 2 | | 3 | 2 | | 3 | 2 | 2 | | | | | |
| | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | | 3 | | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 3.5 | |
| Ovary | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Atrophy | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | | 4 | | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 3.7 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.3 | |
| Uterus | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Endometrium, Hyperplasia, Cystic | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | | 1 | | 2 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 1.8 | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Infiltration Cellular, Polymorphonuclear Epithelium, Atrophy | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 1.9 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.7 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|--|----|-----|
| Bone Marrow | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Hyperplasia | 4 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 4.0 |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 1.6 | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | | | | |
| Inguinal, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | |
| Pancreatic, Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | 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

| | 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 | | |
| | 4 | 7 | 7 | 6 | 7 | 7 | 7 | 3 | 6 | 7 | 0 | 7 | 3 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 7 | 5 | 4 | 6 | 7 | |
| | 7 | 3 | 3 | 8 | 3 | 3 | 3 | 0 | 8 | 3 | 5 | 3 | 3 | 3 | 3 | 2 | 4 | 5 | 3 | 3 | 3 | 4 | 7 | 8 | 3 | |
| | 7 | 2 | 2 | 8 | 3 | 1 | 1 | 4 | 8 | 3 | 0 | 2 | 7 | 3 | 2 | 9 | 0 | 2 | 3 | 2 | 2 | 1 | 7 | 8 | 2 | |
| B6C3F1 MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 30 MG/KG | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Pancreatic, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 2.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia, Lymphoid | 4 | | 4 | | | | | | 4 | 4 | | | | | | | 4 | | | | | 4 | 4 | 4 | 4 | 15 3.9 |
| Necrosis, Lymphoid | | | | | | | 4 | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pigmentation | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 2 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 4 | | | 3 | 2 3.5 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Amyloid Deposition | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 | 4 1.8 | |
| Atrophy | | | | | | | | | | | | | | | 3 | | | | | | | | | | 3 3.3 | |
| Hematopoietic Cell Proliferation | 3 | | 3 | | 2 | 2 | 3 | | 3 | 2 | | 2 | | | | | 3 | 3 | 2 | 2 | 3 | 4 | 3 | 2 | 33 2.7 | |
| Infarct | | | | | | | | | | | | | 4 | | | | | | | | | | | | 1 4.0 | |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Atrophy | 4 | | 4 | 3 | | | | | 3 | | 4 | | | | | 4 | | 4 | | | | 4 | 4 | 4 | 25 3.8 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | | 3 2.7 | |
| Cyst, Multiple | 2 | 2 | 4 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | | | | 4 | 3 | 4 | 2 | | 2 | 2 | 2 | | 2 | 4 | 37 2.9 | |
| Ectopic Parathyroid Gland | | | | | | 2 | | | 4 | 1 | | | | | | | 1 | | | | | | | 2 | 5 2.0 | |
| Inflammation, Chronic Active | | | | | 2 | 2 | | | | | | | | 3 | | | | | | | | | | 3 | 5 2.6 | |

INTEGUMENTARY 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. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation, Chronic Active | 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 | | | | | | | | | | | | | | | | | | | | | | | | 11 3.6 |
| Dermis, Fibrosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | 11 3.3 |
| Epidermis, Hyperplasia | 3 3 4 | | | | | | | | | | | | | | | | | | | | | | | | 11 3.2 |
| Epidermis, Ulcer | 4 | | | | | | | | | | | | | | | | | | | | | | | | 11 4.0 |
| Hair Follicle, Dilatation | 1 | | | | | | | | | | | | | | | | | | | | | | | | 23 1.4 |
| Sebaceous Gland, Atrophy | 2 | | | | | | | | | | | | | | | | | | | | | | | | 15 3.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Osteopetrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hemorrhage | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

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

TDMS No. 88148 - 07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Date Report Requested: 02/27/2008

Time Report Requested: 09:10:26

First Dose M/F: 02/04/03 / 02/03/03

Lab: BAT

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|-------|---|---|-------|-------|
| | 4 7 7 6 7 7 7 3 6 7 0 7 3 7 7 7 5 6 7 7 7 5 4 6 7
7 3 3 8 3 3 3 0 8 3 5 3 3 3 3 2 4 5 3 3 3 4 7 8 3
7 2 2 8 3 1 1 4 8 3 0 2 7 3 2 9 0 2 3 2 2 1 7 8 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 MG/KG | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 3.5 | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 | 2 | 7 2.6 | |
| Alveolar Epithelium, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 3 | 2 | 4 2.8 | |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 4 | 4 | 3 2 | 6 3.5 |
| Bronchiole, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | |
| Glands, Olfactory Epithelium, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | 2 2.5 |
| Trachea | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + + | 2 |
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Optic Nerve, Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Optic Nerve, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Infiltration Cellular, Lymphoid | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 4 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 3 1.7 |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hydronephrosis | | | | 3 | | | | | | | | 4 | | | | | | | | | | | | | 3 3.7 |
| Infarct | | | | | | | | | | | | | | | | | | | 4 | | | | | | 2 4.0 |
| Infiltration Cellular, Lymphoid | | 1 | 1 | | 1 | 1 | | | 1 | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | | 1 | 1 | 26 1.2 |
| Inflammation, Chronic Active | | | | 3 | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Mineralization | | | | 1 | | | 1 | | | | | | | 2 | | | 1 | 1 | | | | | 2 | | 14 1.6 |
| Nephropathy | | 1 | 3 | 3 | 1 | 1 | 3 | 1 | | 1 | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 41 1.5 |
| Glomerulus, Amyloid Deposition | | | | 4 | | | | | | | | | | | | | | | | | | | 3 | | 5 2.6 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | 4 | | | | | | 2 4.0 |
| Pelvis, Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Renal Tubule, Dilatation | | | | 3 | | | 3 | | | | | | | | 2 | | | | | | | | 3 | | 7 3.0 |
| Ureter | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Urethra | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Infiltration Cellular, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Glands, Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.7 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Infiltration Cellular, Lymphoid | | 1 | | | | | 1 | 2 | 1 | 2 | | | | 2 | 1 | | 1 | 1 | | | 1 | | 1 | | 25 1.1 |
| Inflammation, Chronic Active | | | | 4 | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Transitional Epithelium, Hyperplasia | | | | 3 | | | | 2 | | | | | | 2 | | | | | | | | | | | 4 2.5 |

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

TDMS No. 88148 - 07
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3,3',4,4'-Tetrachloroazobenzene
 CAS Number: 14047-09-7

Date Report Requested: 02/27/2008
 Time Report Requested: 09:10:26
 First Dose M/F: 02/04/03 / 02/03/03
 Lab: BAT

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

*** END OF REPORT ***

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

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