F1_M3

NTP Study Number:	C20320
Lock Date:	01/12/2010
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	3.0.1.0_004
PWG Approval Date:	NONE

B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary				
Animals Initially In Study	**50**	**50**	**50**	**50**
Early Deaths				
Dosing Accident				**1**
Moribund Sacrifice	**9**	**10**	**6**	**12**
Natural Death	**8**	**14**	**5**	**25**
Survivors				
Moribund Sacrifice	**1**	**1**		
Terminal Sacrifice	**32**	**25**	**39**	**12**
Animals Examined Microscopically	**50**	**50**	**50**	**50**
ALIMENTARY SYSTEM				
Esophagus	(50)	(50)	(50)	(50)
Inflammation				1 [3.0]
Gallbladder	(49)	(46)	(50)	(49)
Pigmentation, Hematoidin	1 [3.0]			
Intestine Large, Cecum	(47)	(44)	(47)	(38)
Intestine Large, Colon	(47)	(46)	(50)	(40)
Diverticulum			1 [4.0]	
Inflammation, Chronic Active		1 [1.0]		
Intestine Large, Rectum	(47)	(46)	(50)	(41)
Intestine Small, Duodenum	(47)	(41)	(48)	(31)
Intestine Small, Ileum	(47)	(43)	(50)	(40)
Hyperplasia	1 [2.0]			
Intestine Small, Jejunum	(47)	(44)	(49)	(38)
Diverticulum		1 [2.0]		
Peyer's Patch, Hyperplasia, Lymphoid			1 [2.0]	1 [2.0]
Liver	(50)	(50)	(50)	(50)
Amyloid Deposition	1 [1.0]			1 [3.0]
Angiectasis			2 [1.0]	1 [1.0]
Basophilic Focus	9	9	6	9
Clear Cell Focus	11	10	25	8
Eosinophilic Focus	20	33	40	14
Fatty Change	1 [1.0]	2 [2.5]	1 [1.0]	

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Fatty Change, Focal		1 [1.0]	2 [1.5]	1 [1.0]
Fibrosis		1 [1.0]		
Hemorrhage, Chronic			1 [4.0]	
Inflammation	1 [1.0]			
Inflammation, Granulomatous				1 [2.0]
Mixed Cell Focus	7	8	12	6
Necrosis	1 [2.0]	1 [2.0]		6 [2.5]
Pigmentation	1 [2.0]			
Tension Lipidosis	3 [1.0]		3 [2.0]	2 [1.0]
Bile Duct, Cyst			3	4
Bile Duct, Cyst, Multiple				1
Hepatocyte, Atrophy		1 [2.0]		
Hepatocyte, Hypertrophy	2 [1.5]			
Hepatocyte, Necrosis		2 [1.0]	1 [2.0]	
Kupffer Cell, Pigmentation			2 [1.5]	
Oval Cell, Hyperplasia			1 [1.0]	
Periportal, Vacuolization Cytoplasmic			1 [3.0]	2 [2.0]
Serosa, Inflammation			1 [2.0]	
Mesentery	(3)	(3)	(4)	(2)
Hemorrhage			1 [4.0]	
Fat, Necrosis	2 [4.0]	2 [4.0]	2 [4.0]	1 [4.0]
Pancreas	(50)	(50)	(50)	(50)
Basophilic Focus			1	
Acinus, Atrophy		1 [2.0]	1 [2.0]	
Arteriole, Fibrosis		1 [2.0]		
Salivary Glands	(50)	(50)	(50)	(50)
Stomach, Forestomach	(50)	(49)	(50)	(49)
Hyperkeratosis			1 [1.0]	1 [4.0]
Infiltration Cellular, Mononuclear Cell	5 [1.6]	8 [1.8]	21 [2.1]	27 [2.3]
Inflammation	9 [1.3]	10 [1.7]	20 [2.2]	26 [2.3]
Ulcer	9 [1.8]	9 [2.4]	19 [2.2]	28 [2.4]
Epithelium, Hyperplasia	10 [1.7]	13 [2.2]	27 [2.8]	28 [2.7]
Stomach, Glandular	(50)	(50)	(50)	(50)
Cyst	1 [1.0]			
Hyperplasia	1 [1.0]		2 [1.0]	1 [1.0]
Hyperplasia, Focal			1 [2.0]	

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B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Tooth	(14)	(9)	(9)	(2)
Dysplasia	11 [2.7]	8 [2.0]	9 [1.3]	2 [1.0]
Inflammation	1 [3.0]	1 [3.0]	1 [2.0]	
CARDIOVASCULAR SYSTEM				
Blood Vessel	(50)	(50)	(50)	(50)
Inflammation	1 [2.0]			2 [2.0]
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	24 [1.0]	20 [1.1]	18 [1.2]	8 [1.0]
Inflammation				1 [2.0]
Mineralization		2 [1.0]		1 [1.0]
Necrosis	1 [1.0]			
Atrium, Thrombosis		1 [4.0]	1 [4.0]	
Myocardium, Necrosis	1 [2.0]			
Pericardium, Fibrosis	1 [2.0]			
Valve, Degeneration			1 [1.0]	
Valve, Inflammation	2 [4.0]	2 [4.0]		
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Amyloid Deposition	1 [2.0]			1 [1.0]
Hyperplasia	3 [2.3]	2 [3.5]	1 [1.0]	1 [2.0]
Hypertrophy	2 [1.5]			
Vacuolization Cytoplasmic		1 [1.0]		
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia	1 [2.0]	1 [4.0]	2 [1.5]	1 [4.0]
Islets, Pancreatic	(50)	(50)	(50)	(50)
Angiectasis	1 [2.0]			
Hyperplasia	1 [1.0]	2 [2.5]		
Parathyroid Gland	(45)	(43)	(48)	(42)
Pituitary Gland	(50)	(48)	(48)	(50)
Thyroid Gland	(50)	(50)	(50)	(50)
Fibrosis				1 [2.0]

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Inflammation	1 [1.0]			
Follicle, Cyst		1	1	
GENERAL BODY SYSTEM				
Peritoneum	(0)	(2)	(0)	(0)
Inflammation, Suppurative		1 [3.0]		
GENITAL SYSTEM				
Coagulating Gland	(3)	(4)	(1)	(0)
Inflammation			1 [4.0]	
Inflammation, Chronic Active		1 [4.0]		
Epididymis	(50)	(50)	(50)	(50)
Degeneration	1 [1.0]			
Granuloma Sperm			1 [2.0]	
Inflammation, Chronic Active		1 [2.0]		
Preputial Gland	(50)	(50)	(50)	(50)
Atrophy			1 [3.0]	
Ectasia	2 [3.0]	2 [3.5]	1 [4.0]	5 [3.2]
Inflammation	3 [3.0]	2 [3.0]	3 [3.0]	4 [2.5]
Prostate	(50)	(50)	(50)	(50)
Hyperplasia	1 [2.0]		1 [1.0]	
Inflammation		2 [2.5]	1 [3.0]	1 [3.0]
Inflammation, Chronic Active		1 [4.0]		
Epithelium, Hyperplasia	1 [1.0]			
Seminal Vesicle	(50)	(50)	(50)	(50)
Inflammation				1 [3.0]
Testes	(50)	(50)	(50)	(50)
Germinal Epithelium, Degeneration	5 [1.4]	3 [2.7]	5 [1.8]	3 [1.7]
Interstitial Cell, Hyperplasia		1 [4.0]		
HEMATOPOIETIC SYSTEM				

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b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Bone Marrow	(50)	(50)	(50)	(50)
Atrophy			1 [1.0]	1 [2.0]
Hyperplasia	1 [3.0]	1 [4.0]	1 [1.0]	2 [2.0]
Lymph Node	(3)	(0)	(2)	(0)
Lymph Node, Mandibular	(50)	(50)	(50)	(49)
Hyperplasia, Lymphoid	1 [3.0]			
Lymph Node, Mesenteric	(50)	(49)	(50)	(49)
Atrophy				1 [3.0]
Hemorrhage	1 [2.0]	1 [4.0]		
Hyperplasia, Lymphoid	1 [3.0]	1 [3.0]	4 [2.5]	2 [2.5]
Infiltration Cellular, Histiocyte			2 [1.5]	
Inflammation		1 [3.0]		2 [2.5]
Necrosis		1 [4.0]		
Necrosis, Lymphoid				1 [2.0]
Spleen	(50)	(48)	(50)	(49)
Amyloid Deposition	1 [2.0]			1 [4.0]
Angiectasis				1 [2.0]
Fibrosis				1 [2.0]
Hematopoietic Cell Proliferation	1 [2.0]	3 [3.0]		5 [2.4]
Hyperplasia, Lymphoid		1 [3.0]		2 [2.5]
Pigmentation, Hemosiderin		2 [3.5]		
Lymphoid Follicle, Atrophy	3 [2.7]	2 [2.0]	1 [3.0]	6 [2.0]
Thymus	(47)	(45)	(41)	(48)
Atrophy	41 [2.9]	42 [3.1]	40 [3.2]	40 [3.1]
Cyst	1 [2.0]			
Hyperplasia, Lymphoid	1 [1.0]			
Thrombosis		1 [2.0]		
Epithelial Cell, Hyperplasia		1 [3.0]		
INTEGUMENTARY SYSTEM				
Skin	(50)	(50)	(50)	(50)
Inflammation			1 [4.0]	
Ulcer	2 [3.5]	4 [4.0]	3 [4.0]	4 [3.0]
Subcutaneous Tissue, Necrosis		1 [4.0]		

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B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fibro-Osseous Lesion	1			1
Fibrosis				1 [1.0]
Fibrous Osteodystrophy	1 [2.0]			
Femur, Callus		2 [1.5]		
Joint, Degeneration				4 [2.0]
Vertebra, Fracture			1	
Skeletal Muscle	(0)	(1)	(1)	(0)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Inflammation, Suppurative		1 [1.0]		
Peripheral Nerve	(0)	(0)	(0)	(2)
Axon, Sciatic, Degeneration				1 [3.0]
Spinal Cord	(0)	(0)	(0)	(2)
Axon, Degeneration				2 [2.5]
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Hemorrhage	1 [3.0]			
Infiltration Cellular, Histiocyte	1 [4.0]		1 [3.0]	
Inflammation	1 [2.0]			2 [3.5]
Pigmentation, Hemosiderin			1 [1.0]	
Thrombosis	1 [2.0]			
Alveolar Epithelium, Hyperplasia	5 [2.8]	1 [4.0]	6 [2.8]	2 [4.0]
Alveolar Epithelium, Hypertrophy	2 [1.0]		1 [2.0]	1 [2.0]
Arteriole, Thrombosis			1 [1.0]	
Bronchiole, Hyperplasia		1 [2.0]		
Interstitium, Fibrosis		1 [1.0]		

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B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Nose	(50)	(50)	(50)	(50)
Inflammation	5 [2.2]	2 [1.5]	3 [1.0]	2 [1.0]
Polyp, Inflammatory		1 [3.0]		
Respiratory Epithelium, Hyperplasia	27 [1.5]	25 [1.1]	20 [1.3]	12 [1.1]
Respiratory Epithelium, Necrosis			1 [1.0]	
Trachea	(50)	(50)	(50)	(50)
SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(50)	(50)
Atrophy		1 [4.0]	1 [4.0]	
Cataract	2 [1.5]		1 [1.0]	1 [2.0]
Inflammation	1 [4.0]			1 [3.0]
Cornea, Inflammation	1 [1.0]	1 [2.0]	1 [3.0]	
Harderian Gland	(50)	(50)	(50)	(50)
Fibrosis	1 [1.0]			
Hyperplasia	1 [2.0]	1 [4.0]		1 [4.0]
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(48)
Cyst	1 [1.0]			
Hydronephrosis		3 [3.3]		1 [2.0]
Infarct		1 [1.0]		
Infiltration Cellular, Lymphocyte		1 [3.0]	2 [3.5]	
Nephropathy	41 [1.3]	30 [1.9]	32 [1.3]	42 [1.9]
Glomerulus, Amyloid Deposition	1 [4.0]			1 [2.0]
Papilla, Mineralization			1 [1.0]	
Papilla, Necrosis	3 [1.3]	1 [1.0]		
Pelvis, Inflammation			1 [3.0]	1 [2.0]
Renal Tubule, Cyst	6	2	5	6
Renal Tubule, Cyst, Multiple				1
Renal Tubule, Cytoplasmic Alteration		20 [1.9]	47 [2.4]	46 [2.6]
Renal Tubule, Inflammation				4 [1.3]
Renal Tubule, Mineralization	1 [3.0]		1 [1.0]	2 [1.0]

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B6C3F1 MICE MALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Renal Tubule, Necrosis				4 [1.8]
Renal Tubule, Pigmentation		5 [2.6]	1 [3.0]	2 [3.0]
Urinary Bladder	(50)	(50)	(50)	(50)
Inflammation				1 [2.0]
Transitional Epithelium, Hyperplasia	1 [1.0]	1 [3.0]		1 [4.0]

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

B6C3F1 MICE FEMALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary				
Animals Initially In Study	**50**	**50**	**50**	**50**
Early Deaths				
Dosing Accident				**1**
Moribund Sacrifice	**6**	**8**	**3**	**7**
Natural Death	**4**	**11**	**11**	**38**
Survivors				
Terminal Sacrifice	**40**	**31**	**36**	**4**
Animals Examined Microscopically	**50**	**50**	**50**	**50**
ALIMENTARY SYSTEM				
Esophagus	(50)	(50)	(50)	(50)
Inflammation				1 [1.0]
Periesophageal Tissue, Inflammation				1 [2.0]
Gallbladder	(47)	(49)	(50)	(50)
Inflammation			1 [3.0]	
Intestine Large, Cecum	(48)	(46)	(45)	(21)
Lymphoid Tissue, Hyperplasia			1 [3.0]	1 [2.0]
Intestine Large, Colon	(50)	(48)	(50)	(43)
Serosa, Inflammation	1 [1.0]			
Intestine Large, Rectum	(50)	(50)	(50)	(41)
Intestine Small, Duodenum	(47)	(46)	(42)	(18)
Perforation				1
Epithelium, Vacuolization Cytoplasmic	1 [4.0]			
Intestine Small, Ileum	(48)	(46)	(45)	(19)
Ulcer	1 [4.0]		1 [3.0]	
Intestine Small, Jejunum	(48)	(47)	(43)	(18)
Diverticulum	1 [3.0]			
Epithelium, Vacuolization Cytoplasmic	1 [4.0]			
Peyer's Patch, Hyperplasia	2 [4.0]			
Liver	(50)	(50)	(49)	(49)
Angiectasis		1 [2.0]	3 [2.0]	
Basophilic Focus	8	3	3	1
Clear Cell Focus	3	4	3	2

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B6C3F1 MICE FEMALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Eosinophilic Focus	11	16	11	1
Fatty Change	6 [1.3]	1 [4.0]	1 [4.0]	2 [2.0]
Fatty Change, Focal		1 [2.0]	3 [1.0]	
Fibrosis				1 [1.0]
Hematopoietic Cell Proliferation		2 [2.0]	1 [3.0]	
Infiltration Cellular, Lymphocyte	1 [1.0]			
Infiltration Cellular, Polymorphonuclear		1 [2.0]		
Inflammation, Chronic Active		5 [1.2]	1 [1.0]	
Mineralization			1 [1.0]	
Mixed Cell Focus	4	3	3	
Tension Lipidosis	4 [1.0]	3 [1.0]	4 [1.3]	2 [1.5]
Hepatocyte, Atrophy		1 [2.0]		
Hepatocyte, Hypertrophy			1 [1.0]	
Hepatocyte, Necrosis	3 [1.3]	1 [1.0]	1 [2.0]	
Mesentery	(3)	(8)	(7)	(0)
Degeneration, Cystic	1 [4.0]			
Inflammation, Focal		1 [4.0]		
Fat, Inflammation	1 [3.0]			
Fat, Necrosis	2 [4.0]	6 [4.0]	7 [4.0]	
Oral Mucosa	(1)	(0)	(0)	(0)
Pancreas	(50)	(49)	(50)	(50)
Basophilic Focus			1	
Infiltration Cellular, Lymphocyte			1 [2.0]	
Inflammation	1 [2.0]			
Acinus, Atrophy				2 [1.0]
Salivary Glands	(50)	(48)	(50)	(50)
Atrophy			1 [2.0]	
Stomach, Forestomach	(50)	(50)	(50)	(48)
Foreign Body				1
Hyperkeratosis	2 [1.5]	2 [2.0]	1 [2.0]	1 [4.0]
Infiltration Cellular, Mononuclear Cell	2 [3.0]	13 [2.2]	33 [2.4]	28 [1.8]
Inflammation	2 [3.0]	14 [1.4]	41 [2.0]	37 [2.2]
Ulcer	2 [2.0]	15 [2.0]	40 [2.2]	38 [2.1]
Epithelium, Dysplasia			2 [1.5]	
Epithelium, Hyperplasia	4 [2.5]	16 [2.6]	39 [3.0]	39 [2.3]
Epithelium, Metaplasia, Glandular			2 [3.0]	

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B6C3F1 MICE FEMALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Stomach, Glandular	(50)	(50)	(50)	(50)
Infiltration Cellular, Mononuclear Cell		1 [3.0]		
Mineralization	1 [1.0]			1 [2.0]
Epithelium, Dysplasia			1 [1.0]	
Serosa, Infiltration Cellular, Lymphocyte	1 [4.0]			
Tongue	(1)	(0)	(0)	(0)
Tooth	(1)	(1)	(1)	(0)
Dysplasia	1 [1.0]	1 [1.0]	1 [1.0]	
CARDIOVASCULAR SYSTEM				
Blood Vessel	(50)	(50)	(49)	(50)
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	2 [1.0]	5 [1.0]	5 [1.4]	
Mineralization		2 [1.5]	1 [3.0]	
Epicardium, Inflammation	2 [2.5]			
Valve, Inflammation	1 [2.0]	1 [4.0]	1 [4.0]	
Valve, Pigmentation, Hemosiderin	1 [1.0]			
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(49)	(50)
Atrophy		1 [2.0]		
Degeneration, Cystic	1 [2.0]			
Hematopoietic Cell Proliferation		1 [2.0]		
Hyperplasia	1 [1.0]			
Hypertrophy	1 [2.0]			
Adrenal Medulla	(50)	(50)	(49)	(50)
Hyperplasia	1 [1.0]		1 [4.0]	
Islets, Pancreatic	(50)	(49)	(50)	(50)
Hyperplasia	1 [1.0]			1 [1.0]
Parathyroid Gland	(34)	(41)	(42)	(43)
Hyperplasia, Focal			1 [2.0]	
Pituitary Gland	(50)	(50)	(50)	(49)
Pigmentation, Hemosiderin	1 [1.0]			

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B6C3F1 MICE FEMALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Pars Distalis, Hyperplasia		1 [1.0]		1 [2.0]
Thyroid Gland	(50)	(50)	(50)	(50)
Infiltration Cellular, Lymphocyte			1 [4.0]	
C-cell, Hyperplasia		1 [1.0]		
Follicle, Cyst		1 [2.0]		
Follicular Cell, Hyperplasia	1 [3.0]			
GENERAL BODY SYSTEM				
Peritoneum	(0)	(1)	(0)	(0)
Inflammation, Suppurative		1 [2.0]		
GENITAL SYSTEM				
Clitoral Gland	(50)	(50)	(49)	(48)
Ovary	(50)	(50)	(50)	(47)
Angiectasis		3 [2.3]	1 [2.0]	1 [3.0]
Cyst			2 [3.0]	
Hemorrhage	2 [4.0]			
Inflammation		2 [4.0]	2 [2.5]	
Thrombosis		1 [4.0]	1 [4.0]	
Bursa, Cyst	2		1	1
Follicle, Cyst	7	6	4	1
Periovarian Tissue, Necrosis	1 [2.0]			
Oviduct	(1)	(0)	(1)	(0)
Inflammation	1 [3.0]		1 [1.0]	
Uterus	(50)	(50)	(50)	(50)
Dilatation			1 [4.0]	
Inflammation	2 [4.0]	1 [2.0]		
Thrombosis	1 [3.0]		1 [4.0]	
Cervix, Inflammation		1 [4.0]		
Endometrium, Hyperplasia, Cystic	35 [2.5]	35 [2.2]	29 [2.5]	22 [2.0]
Vagina	(0)	(1)	(0)	(0)
Epithelium, Necrosis		1 [3.0]		

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B6C3F1 MICE FEMALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Hyperplasia	4 [2.8]	3 [3.3]	2 [2.5]	
Myeloid Cell, Hyperplasia		3 [3.0]		
Lymph Node	(1)	(5)	(3)	(1)
Mediastinal, Hyperplasia, Lymphoid	1 [4.0]	1 [1.0]		
Mediastinal, Inflammation				1 [2.0]
Mediastinal, Necrosis, Lymphoid				1 [2.0]
Renal, Ectasia			1 [4.0]	
Renal, Hemorrhage			1 [4.0]	
Lymph Node, Mandibular	(50)	(48)	(48)	(46)
Atrophy				1 [3.0]
Infiltration Cellular, Plasma Cell	1 [3.0]			
Lymph Node, Mesenteric	(50)	(50)	(50)	(47)
Atrophy			1 [3.0]	
Ectasia			1 [3.0]	
Hyperplasia, Lymphoid	1 [2.0]		1 [2.0]	
Spleen	(50)	(50)	(50)	(50)
Thymus	(50)	(50)	(48)	(50)
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(50)	(50)
Inflammation			1 [1.0]	
Skin	(50)	(50)	(50)	(50)
Ulcer	1 [2.0]			
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fibro-Osseous Lesion	31	19	10	6
Osteopetrosis	1 [1.0]			

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

B6C3F1 MICE FEMALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Osteosclerosis			1 [2.0]	
Joint, Degeneration	3 [2.7]	1 [2.0]	1 [2.0]	
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Infiltration Cellular, Mononuclear Cell			1 [1.0]	
Cerebrum, Neuron, Necrosis		1 [3.0]		
Meninges, Infiltration Cellular, Lymphocyte			1 [1.0]	
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Foreign Body	1			
Hyperplasia, Lymphoid		1 [1.0]		
Infiltration Cellular, Histiocyte	2 [2.0]			
Infiltration Cellular, Lymphocyte	1 [3.0]		1 [2.0]	
Inflammation	1 [2.0]	1 [2.0]	1 [2.0]	
Pigmentation, Hemosiderin		1 [4.0]		
Alveolar Epithelium, Hyperplasia	1 [1.0]		2 [4.0]	1 [2.0]
Interstitium, Fibrosis		1 [2.0]		
Serosa, Hyperplasia			1 [1.0]	
Serosa, Inflammation	1 [3.0]			1 [1.0]
Nose	(50)	(50)	(50)	(50)
Inflammation	1 [2.0]	3 [1.3]	2 [1.5]	
Respiratory Epithelium, Hyperplasia	8 [1.3]	3 [1.0]	1 [1.0]	
Trachea	(50)	(50)	(50)	(50)
SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(50)	(50)
Atrophy			1 [4.0]	
Cataract			1 [4.0]	
Hemorrhage		1 [3.0]		

a - Number of animals examined microscopically at site and number of animals with lesion
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B6C3F1 MICE FEMALE	0 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Synechia			1 [2.0]	
Cornea, Inflammation		2 [3.0]	2 [2.5]	
Harderian Gland	(50)	(49)	(50)	(50)
Hyperplasia		1 [2.0]	1 [2.0]	
Epithelium, Hyperplasia	1 [2.0]			
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(47)
Angiectasis			1 [2.0]	
Infarct	1 [1.0]			
Infiltration Cellular, Lymphocyte	2 [2.5]		1 [2.0]	
Metaplasia, Osseous	1 [1.0]			
Nephropathy	18 [1.7]	11 [1.5]	23 [1.1]	26 [1.3]
Papilla, Mineralization	1 [1.0]		1 [2.0]	
Papilla, Necrosis	2 [1.0]			
Renal Tubule, Cyst			2	2
Renal Tubule, Mineralization		3 [1.3]	1 [2.0]	1 [1.0]
Urinary Bladder	(50)	(50)	(50)	(50)

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)