

Experiment Number: 96014 - 06

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 07/05/2012

Test Type: CHRONIC

Water disinfection byproducts (Bromodichloroacetic acid)

Time Report Requested: 09:41:46

Route: DOSED WATER

CAS Number: 71133-14-7

First Dose M/F: 09/26/06 / 09/25/06

Species/Strain: MICE/B6C3F1

Lab: BAT

F1_Rev.1_M3

NTP Study Number: C96014B
Lock Date: 09/09/2009
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.6.0.0_007
PWG Approval Date: 02/02/2012

Test Type: CHRONIC

Water disinfection byproducts (Bromodichloroacetic acid)

Time Report Requested: 09:41:46

Route: DOSED WATER

CAS Number: 71133-14-7

First Dose M/F: 09/26/06 / 09/25/06

Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
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Disposition Summary

Animals Initially In Study	66	66	66	66
Scheduled Sacrifice	16	16	16	15
Early Deaths				
Moribund Sacrifice	15	14	27	27
Natural Death	10	15	10	14
Survivors				
Terminal Sacrifice	25	21	12	10
Missing			1	
Animals Examined Microscopically	50	50	49	51

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(49)	(51)
Gallbladder	(48)	(49)	(48)	(47)
Intestine Large, Cecum	(50)	(50)	(49)	(51)
Lymphoid Tissue, Hyperplasia		1 [3.0]		
Intestine Large, Colon	(50)	(50)	(49)	(51)
Epithelium, Hyperplasia		1 [3.0]		
Intestine Large, Rectum	(50)	(50)	(49)	(51)
Intestine Small, Duodenum	(50)	(50)	(49)	(51)
Intestine Small, Ileum	(50)	(50)	(49)	(51)
Inflammation	3 [1.7]	1 [2.0]		
Epithelium, Hyperplasia	2 [2.0]			
Muscularis, Hyperplasia	1 [1.0]			
Intestine Small, Jejunum	(50)	(50)	(49)	(51)
Inflammation	1 [2.0]			2 [1.5]
Peyer's Patch, Hyperplasia, Lymphoid		2 [3.0]		1 [4.0]
Liver	(50)	(50)	(49)	(51)
Amyloid Deposition			1 [1.0]	
Angiectasis	1 [3.0]		1 [2.0]	1 [2.0]
Basophilic Focus	1	2	6	3
Clear Cell Focus	18	14	4	14
Congestion				1 [2.0]
Eosinophilic Focus	30	33	30	16

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)

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Fatty Change	11 [1.1]	1 [1.0]		4 [1.5]
Fatty Change, Focal		1 [2.0]		
Focus Of Cellular Alteration, Atypical		19	42	43
Hematopoietic Cell Proliferation	1 [1.0]		1 [2.0]	
Infarct		1 [4.0]	1 [4.0]	1 [4.0]
Infiltration Cellular, Mixed Cell				1 [3.0]
Inflammation	7 [1.3]	6 [1.5]	3 [1.7]	4 [1.3]
Mineralization			1 [2.0]	
Mixed Cell Focus	13	6	4	5
Tension Lipidosis	3	1		
Bile Duct, Cyst		1 [2.0]		1 [3.0]
Capsule, Fibrosis				1 [2.0]
Centrilobular, Fatty Change			1 [1.0]	1 [4.0]
Hepatocyte, Necrosis	5 [1.8]	9 [1.9]	10 [2.3]	8 [2.5]
Oval Cell, Hyperplasia	1 [2.0]		3 [1.3]	
Mesentery	(7)	(1)	(3)	(6)
Inflammation				1 [3.0]
Necrosis	5 [3.0]	1 [3.0]	1 [3.0]	2 [3.0]
Pancreas	(50)	(50)	(49)	(51)
Amyloid Deposition	1 [1.0]			
Fibrosis				1 [1.0]
Acinus, Atrophy	2 [1.5]			
Acinus, Hyperplasia		1 [2.0]	1 [2.0]	
Duct, Cyst				1 [2.0]
Salivary Glands	(50)	(50)	(49)	(51)
Hyperplasia		1 [2.0]		
Stomach, Forestomach	(50)	(50)	(49)	(51)
Inflammation	1 [2.0]	1 [1.0]		1 [2.0]
Ulcer	3 [2.0]	1 [2.0]	1 [2.0]	2 [1.5]
Epithelium, Hyperplasia	2 [2.5]		1 [1.0]	1 [3.0]
Stomach, Glandular	(50)	(50)	(49)	(51)
Amyloid Deposition			3 [1.3]	1 [2.0]
Erosion				1 [2.0]
Inflammation	1 [2.0]			
Mineralization	1 [1.0]			
Ulcer			2 [2.0]	

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Epithelium, Hyperplasia	2 [4.0]			
Glands, Ectasia		1 [1.0]		1 [1.0]
Tooth	(35)	(22)	(13)	(0)
Dysplasia	1			
Malformation	34 [1.0]	20	13	
Peridontal Tissue, Fibrosis		2 [2.0]		
Peridontal Tissue, Inflammation		1 [2.0]		

CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(49)	(51)
Aorta, Inflammation				1 [2.0]
Aorta, Mineralization			1 [3.0]	1 [3.0]
Heart	(50)	(50)	(49)	(51)
Cardiomyopathy	31 [1.2]	41 [1.4]	30 [1.2]	33 [1.2]
Arteriole, Hyperplasia	1 [2.0]			
Arteriole, Inflammation	1 [1.0]	1 [2.0]		
Artery, Inflammation				1 [3.0]
Artery, Mineralization			1 [3.0]	
Atrium, Thrombosis	2 [2.0]		1 [2.0]	
Endocardium, Inflammation				1 [2.0]
Epicardium, Fibrosis	1 [1.0]			
Myocardium, Mineralization	1 [2.0]		1 [2.0]	2 [2.0]
Valve, Inflammation	1 [4.0]			

ENDOCRINE SYSTEM

Adrenal Cortex	(50)	(50)	(49)	(50)
Angiectasis		1 [1.0]		1 [2.0]
Hyperplasia		2 [1.5]		1 [1.0]
Hypertrophy	14 [1.6]	21 [1.6]	9 [1.7]	9 [1.1]
Necrosis				1 [4.0]
Subcapsular, Hyperplasia			1 [2.0]	
Adrenal Medulla	(50)	(50)	(49)	(50)
Angiectasis	1 [2.0]			

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Hyperplasia		1 [4.0]	1 [1.0]	1 [2.0]
Mineralization				1 [1.0]
Necrosis				1 [4.0]
Islets, Pancreatic	(50)	(50)	(49)	(51)
Parathyroid Gland	(44)	(45)	(44)	(44)
Pituitary Gland	(50)	(49)	(49)	(51)
Cyst		5 [1.4]		2 [1.0]
Pars Distalis, Hyperplasia	1 [1.0]	2 [1.0]	4 [1.0]	
Thyroid Gland	(50)	(50)	(49)	(51)
Cyst		1 [2.0]		
C-cell, Hyperplasia		1 [1.0]		
Follicle, Cyst	1 [1.0]	3 [1.7]	1 [1.0]	1 [2.0]
Follicular Cell, Hyperplasia			1 [1.0]	

GENERAL BODY SYSTEM

Peritoneum	(0)	(0)	(0)	(1)
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GENITAL SYSTEM

Epididymis	(50)	(50)	(49)	(51)
Atrophy		7 [1.9]	10 [2.0]	17 [2.1]
Granuloma Sperm				1 [3.0]
Hypospermia		1 [2.0]		17 [2.7]
Inflammation	2 [2.0]	1 [2.0]	1 [1.0]	
Epithelium, Degeneration	1 [3.0]	1 [2.0]	10 [1.6]	6 [1.3]
Mesothelium, Hyperplasia			1 [1.0]	1 [1.0]
Penis	(0)	(1)	(0)	(0)
Hyperplasia, Squamous		1 [3.0]		
Preputial Gland	(50)	(50)	(49)	(51)
Atrophy		1 [2.0]		
Inflammation	7 [1.9]	4 [1.3]	3 [1.7]	8 [1.8]
Duct, Ectasia	6 [2.0]	6 [2.5]	5 [2.2]	10 [2.4]
Prostate	(50)	(50)	(49)	(51)
Atrophy				1 [3.0]

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B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Inflammation	3 [1.7]	3 [2.0]	1 [4.0]	2 [1.5]
Arteriole, Inflammation				1 [3.0]
Seminal Vesicle	(50)	(50)	(49)	(51)
Atrophy		1 [2.0]		1 [3.0]
Dilatation	1 [3.0]	1 [3.0]	1 [3.0]	
Inflammation	2 [2.5]	2 [3.5]	3 [2.3]	1 [4.0]
Testes	(50)	(50)	(49)	(51)
Atrophy	4 [1.3]	6 [2.2]	13 [2.4]	23 [2.9]
Fibrosis		1 [2.0]		

HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(49)	(51)
Angiectasis				2 [2.0]
Hyperplasia		2 [2.0]		
Necrosis		1 [3.0]		
Lymph Node	(0)	(1)	(2)	(5)
Axillary, Hyperplasia, Plasma Cell				1 [3.0]
Lumbar, Hyperplasia, Lymphoid		1 [3.0]		
Lumbar, Hyperplasia, Plasma Cell		1 [2.0]		1 [2.0]
Lumbar, Inflammation, Suppurative				1 [3.0]
Renal, Hyperplasia, Plasma Cell				1 [2.0]
Lymph Node, Mandibular	(50)	(50)	(49)	(51)
Degeneration, Cystic				1 [2.0]
Hyperplasia, Lymphoid		1 [2.0]		
Hyperplasia, Plasma Cell	3 [2.0]	1 [2.0]		1 [3.0]
Lymph Node, Mesenteric	(50)	(48)	(48)	(48)
Hematopoietic Cell Proliferation		1 [2.0]		
Hemorrhage				2 [2.5]
Hyperplasia, Lymphoid				1 [3.0]
Hyperplasia, Plasma Cell	2 [2.0]	4 [1.8]		1 [3.0]
Necrosis, Lymphoid				1 [2.0]
Spleen	(50)	(50)	(49)	(50)
Atrophy			3 [2.0]	1 [3.0]
Hematopoietic Cell Proliferation	1 [2.0]	3 [3.0]	5 [2.4]	4 [2.3]

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Hyperplasia, Lymphoid Infarct	4 [1.8]	7 [2.1]	5 [1.8] 1 [4.0]	5 [2.2]
Thymus Atrophy	(45)	(45) 1 [1.0]	(45)	(44)
Mineralization	1 [1.0]			

INTEGUMENTARY SYSTEM

Mammary Gland	(5)	(3)	(4)	(7)
Skin	(50)	(50)	(49)	(51)
Inflammation, Suppurative Ulcer	1 [2.0]	2 [3.5]	1 [4.0] 1 [4.0]	1 [4.0]
Dermis, Fibrosis		1 [3.0]		
Epidermis, Hyperplasia		1 [2.0]		

MUSCULOSKELETAL SYSTEM

Bone	(50)	(50)	(49)	(51)
Cranium, Periosteum, Fibrosis				1 [2.0]
Femur, Osteopetrosis		1 [2.0]		
Skeletal Muscle	(0)	(2)	(2)	(2)

NERVOUS SYSTEM

Brain	(50)	(50)	(49)	(51)
Cerebrum, Demyelination			1 [2.0]	
Peripheral Nerve	(2)	(1)	(0)	(0)
Degeneration	1 [1.0]	1 [2.0]		
Spinal Cord	(2)	(1)	(0)	(0)
Demyelination		1 [1.0]		

RESPIRATORY SYSTEM

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lung	(50)	(50)	(49)	(51)
Inflammation	1 [2.0]		3 [1.3]	4 [1.0]
Thrombosis	1 [1.0]	2 [2.5]		2 [1.5]
Alveolar Epithelium, Hyperplasia	2 [1.5]	2 [2.0]	4 [2.0]	4 [1.0]
Alveolus, Infiltration Cellular, Histiocyte		1 [3.0]	4 [1.0]	1 [1.0]
Capillary, Thrombosis				1 [1.0]
Perivascular, Infiltration Cellular, Mononuclear Cell	1 [1.0]			
Vein, Mineralization			1 [2.0]	
Nose	(50)	(50)	(49)	(51)
Inflammation	5 [1.2]	9 [1.0]	7 [1.3]	9 [1.0]
Glands, Dilatation			1 [1.0]	
Glands, Fibrosis			1 [3.0]	
Glands, Hyperplasia		3 [1.0]	2 [1.0]	
Respiratory Epithelium, Hyperplasia		1 [2.0]		
Respiratory Epithelium, Metaplasia		1 [2.0]		
Turbinate, Fibrosis, Focal				1 [2.0]
Trachea	(50)	(50)	(49)	(51)
Inflammation				1 [1.0]
Peritracheal Tissue, Cyst	1 [4.0]			
SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(49)	(51)
Cataract	1 [2.0]		1 [2.0]	1 [3.0]
Phthisis Bulbi				2
Synechia	1 [2.0]			1 [4.0]
Cornea, Inflammation		2 [1.5]	2 [2.5]	1 [2.0]
Optic Nerve, Degeneration	1 [3.0]	1 [1.0]		
Retina, Dysplasia	1 [2.0]	1 [1.0]	1 [2.0]	
Harderian Gland	(50)	(50)	(49)	(51)
Inflammation				1 [3.0]
Epithelium, Hyperplasia	1 [2.0]	1 [1.0]	3 [2.3]	4 [2.0]

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
URINARY SYSTEM				
Kidney	(50)	(50)	(49)	(51)
Atrophy, Diffuse				1 [4.0]
Casts Protein				1 [4.0]
Hydronephrosis	2 [1.0]		1 [2.0]	1 [1.0]
Infarct	3 [1.7]	3 [2.3]		5 [1.8]
Infiltration Cellular, Mononuclear Cell		1 [2.0]		2 [2.0]
Inflammation	3 [3.0]	4 [1.8]	2 [3.0]	3 [1.7]
Metaplasia, Osseous		3 [1.7]		
Mineralization	2 [1.0]	1 [2.0]	1 [1.0]	
Nephropathy	49 [1.4]	47 [1.5]	45 [1.7]	42 [1.7]
Papilla, Necrosis	1 [3.0]		1 [3.0]	
Renal Tubule, Cyst	4 [1.0]	3 [2.3]	1 [1.0]	
Renal Tubule, Hyperplasia		2 [1.0]		
Ureter	(1)	(0)	(0)	(0)
Urethra	(1)	(0)	(0)	(0)
Urinary Bladder	(50)	(50)	(49)	(51)
Infiltration Cellular, Mononuclear Cell				1 [2.0]
Inflammation	2 [1.5]			1 [1.0]
Metaplasia, Squamous	1 [2.0]			
Transitional Epithelium, Hyperplasia				1 [3.0]

*** END OF MALE ***

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B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
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Disposition Summary

Animals Initially In Study	66	66	66	66
Scheduled Sacrifice	16	16	16	16
Early Deaths				
Moribund Sacrifice	9	9	8	11
Natural Death	11	8	13	12
Survivors				
Natural Death				1
Terminal Sacrifice	30	33	29	26
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(47)	(48)
Gallbladder	(47)	(48)	(50)	(44)
Intestine Large, Cecum	(50)	(50)	(50)	(50)
Diverticulum		1		
Epithelium, Hyperplasia		1 [2.0]		
Lymphoid Tissue, Hyperplasia		1 [2.0]		
Intestine Large, Colon	(50)	(50)	(50)	(50)
Serosa, Inflammation			1 [3.0]	
Intestine Large, Rectum	(49)	(50)	(50)	(50)
Serosa, Inflammation			1 [3.0]	
Intestine Small, Duodenum	(49)	(50)	(50)	(49)
Intestine Small, Ileum	(50)	(50)	(50)	(49)
Inflammation	1 [1.0]	1 [2.0]	1 [2.0]	
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Inflammation				1 [1.0]
Epithelium, Hyperplasia		1 [2.0]		
Peyer's Patch, Hyperplasia, Lymphoid				1 [4.0]
Peyer's Patch, Mineralization		1 [1.0]		
Liver	(49)	(50)	(49)	(50)
Angiectasis		1 [2.0]	6 [2.3]	3 [2.3]
Basophilic Focus	3	1	1	3
Clear Cell Focus	5	5	8	5

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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Eosinophilic Focus	22	33	38	40
Fatty Change	4 [1.0]	2 [1.0]	2 [1.5]	1 [3.0]
Fatty Change, Focal				2
Focus Of Cellular Alteration, Atypical		2	6	16
Hematopoietic Cell Proliferation	1 [1.0]	2 [2.5]	2 [1.5]	
Hemorrhage	1 [3.0]			
Infarct		1 [4.0]		
Inflammation	27 [1.1]	18 [1.2]	9 [1.3]	15 [1.0]
Mineralization		1 [2.0]	1 [2.0]	
Mixed Cell Focus	4	10	4	4
Pigmentation				1 [1.0]
Tension Lipidosis	4	1	3	
Thrombosis			1 [3.0]	1 [3.0]
Bile Duct, Cyst	1 [2.0]			
Bile Duct, Hyperplasia	2 [1.0]	4 [1.0]	3 [1.0]	3 [1.0]
Centrilobular, Fatty Change		2 [3.0]		
Hepatocyte, Hypertrophy		1 [2.0]		
Hepatocyte, Necrosis	2 [2.0]	4 [1.8]	2 [1.5]	6 [2.2]
Oval Cell, Hyperplasia			1 [1.0]	1 [1.0]
Portal, Fibrosis			1 [2.0]	
Mesentery	(10)	(13)	(13)	(10)
Inflammation	1 [3.0]			
Necrosis	7 [3.0]	11 [3.0]	11 [3.0]	9 [3.0]
Oral Mucosa	(2)	(2)	(0)	(0)
Gingival, Hyperplasia	1 [2.0]			
Pharyngeal, Hyperplasia		2 [1.5]		
Pharyngeal, Inflammation	1 [1.0]			
Pancreas	(49)	(50)	(50)	(48)
Inflammation		1 [3.0]		
Mineralization, Focal		1 [2.0]		
Acinus, Atrophy		3 [2.7]	1 [2.0]	
Acinus, Hyperplasia			1 [2.0]	
Duct, Cyst				1 [4.0]
Salivary Glands	(48)	(49)	(44)	(45)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Inflammation			1 [2.0]	1 [1.0]

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Time Report Requested: 09:41:46

Route: DOSED WATER

CAS Number: 71133-14-7

First Dose M/F: 09/26/06 / 09/25/06

Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Ulcer	1 [3.0]			1 [3.0]
Epithelium, Hyperplasia				2 [2.0]
Stomach, Glandular	(50)	(50)	(50)	(50)
Inflammation	1 [1.0]			
Mineralization	1 [2.0]	3 [1.0]		
Epithelium, Hyperplasia				2 [2.5]
Glands, Ectasia	2 [1.0]			2 [1.0]
Tongue	(0)	(0)	(0)	(1)
Tooth	(0)	(2)	(0)	(1)
Malformation				1
Pulp, Inflammation		2 [1.5]		

CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(48)	(49)
Heart	(50)	(50)	(48)	(48)
Cardiomyopathy	38 [1.2]	34 [1.2]	33 [1.2]	35 [1.2]
Atrium, Thrombosis				1 [4.0]
Endocardium, Inflammation	1 [2.0]			1 [3.0]
Myocardium, Inflammation	1 [1.0]			
Myocardium, Mineralization	1 [1.0]			
Valve, Thrombosis				1 [3.0]
Ventricle, Thrombosis	1 [2.0]	1 [3.0]		

ENDOCRINE SYSTEM

Adrenal Cortex	(49)	(50)	(47)	(49)
Degeneration, Cystic		2 [1.5]		
Degeneration, Fatty			1 [3.0]	
Hematopoietic Cell Proliferation		3 [1.7]	1 [3.0]	1 [2.0]
Hyperplasia	7 [1.1]	12 [1.1]	5 [1.0]	1 [1.0]
Hypertrophy	5 [1.0]	10 [1.1]	3 [1.0]	5 [1.2]
Infiltration Cellular, Mononuclear Cell	1 [2.0]			1 [1.0]
Necrosis	1 [2.0]			
Vacuolization Cytoplasmic		2 [2.5]		

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)

Test Type: CHRONIC

Water disinfection byproducts (Bromodichloroacetic acid)

Time Report Requested: 09:41:46

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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Adrenal Medulla	(50)	(50)	(48)	(49)
Amyloid Deposition		1 [1.0]		
Hyperplasia	2 [1.5]	1 [2.0]		
Infiltration Cellular, Mononuclear Cell			1 [2.0]	
Islets, Pancreatic	(49)	(50)	(50)	(48)
Parathyroid Gland	(45)	(46)	(41)	(38)
Cyst	2 [1.5]			1 [1.0]
Pituitary Gland	(49)	(49)	(46)	(48)
Angiectasis	3 [2.0]			
Cyst	2 [1.5]	1 [2.0]		2 [2.5]
Mineralization	1 [1.0]			
Pars Distalis, Hyperplasia	14 [2.1]	12 [2.2]	8 [1.8]	11 [1.6]
Thyroid Gland	(49)	(50)	(46)	(45)
Infiltration Cellular, Mononuclear Cell	1 [1.0]		1 [1.0]	
Inflammation		2 [1.0]		1 [2.0]
C-cell, Hyperplasia		2 [1.0]		1 [1.0]
Follicle, Cyst	1 [2.0]	6 [1.5]	4 [1.5]	3 [2.0]
Follicular Cell, Hyperplasia			1 [4.0]	

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(47)	(50)	(50)	(48)
Ovary	(50)	(50)	(50)	(50)
Angiectasis		1 [2.0]		
Atrophy				2 [3.5]
Cyst	4 [2.5]	3 [2.0]	5 [3.2]	4 [1.8]
Infiltration Cellular, Mononuclear Cell	1 [1.0]			1 [3.0]
Mineralization			1 [1.0]	1 [1.0]
Pigmentation, Hemosiderin			1 [2.0]	
Periovarian Tissue, Inflammation			1 [4.0]	
Uterus	(50)	(50)	(50)	(50)

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Angiectasis	2 [2.5]			
Infiltration Cellular, Mononuclear Cell				1 [2.0]
Inflammation	4 [3.3]	2 [3.5]		2 [2.0]
Mineralization		1 [1.0]		
Thrombosis			1 [4.0]	
Endometrium, Hyperplasia, Cystic	44 [3.3]	45 [3.2]	37 [2.8]	38 [2.9]
Endometrium, Hyperplasia, Reticulum Cell	1 [2.0]			
Vagina	(0)	(0)	(0)	(1)

HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(50)	(50)
Angiectasis				1 [2.0]
Hyperplasia	1 [2.0]			
Necrosis			1 [1.0]	
Lymph Node	(2)	(3)	(3)	(5)
Inguinal, Hyperplasia				1 [3.0]
Lumbar, Hyperplasia, Plasma Cell		1 [2.0]	1 [3.0]	
Mediastinal, Hyperplasia, Plasma Cell		1 [2.0]		
Mediastinal, Inflammation				1 [3.0]
Renal, Degeneration, Cystic		1 [4.0]		
Lymph Node, Mandibular	(48)	(49)	(44)	(45)
Hematopoietic Cell Proliferation		1 [2.0]		
Hyperplasia, Lymphoid	1 [2.0]	2 [2.0]		
Inflammation	1 [2.0]			
Lymph Node, Mesenteric	(48)	(50)	(47)	(47)
Degeneration, Cystic		1 [4.0]		
Hematopoietic Cell Proliferation		2 [1.5]		
Hyperplasia, Lymphoid	1 [2.0]	2 [2.5]	1 [2.0]	
Hyperplasia, Plasma Cell		3 [2.3]		
Inflammation		2 [1.0]	1 [3.0]	
Spleen	(49)	(50)	(50)	(48)
Accessory Spleen		1		
Hematopoietic Cell Proliferation	5 [2.6]	4 [2.5]	2 [2.0]	4 [2.8]
Hyperplasia, Lymphoid	16 [2.3]	16 [2.1]	11 [2.3]	10 [2.1]

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Water disinfection byproducts (Bromodichloroacetic acid)

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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Infarct	1 [4.0]			
Necrosis				1 [2.0]
Pigmentation, Hemosiderin	2 [1.5]	4 [1.3]		
Thymus	(50)	(50)	(46)	(46)
Hyperplasia, Lymphoid	1 [4.0]			

INTEGUMENTARY SYSTEM

Mammary Gland	(50)	(50)	(49)	(50)
Hyperplasia			1 [3.0]	
Inflammation				1 [1.0]
Skin	(50)	(50)	(50)	(50)
Inflammation, Granulomatous				1 [4.0]

MUSCULOSKELETAL SYSTEM

Bone	(50)	(50)	(50)	(50)
Fibro-Osseous Lesion				3 [1.7]
Osteopetrosis				1 [1.0]
Maxilla, Osteomalacia	1 [2.0]			
Vertebra, Fibrosis			1 [2.0]	
Skeletal Muscle	(1)	(2)	(2)	(1)

NERVOUS SYSTEM

Brain	(49)	(50)	(47)	(49)
Cyst Epithelial Inclusion			1	
Arteriole, Meninges, Inflammation				1 [1.0]

RESPIRATORY SYSTEM

Lung	(50)	(50)	(48)	(48)
Inflammation	4 [1.5]	5 [1.2]	2 [1.5]	3 [1.0]

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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Thrombosis				1 [2.0]
Alveolar Epithelium, Hyperplasia	3 [1.7]	2 [1.5]	2 [2.0]	1 [1.0]
Alveolus, Infiltration Cellular, Histiocyte	3 [1.0]	2 [2.0]		3 [1.3]
Perivascular, Infiltration Cellular, Mononuclear Cell		4 [2.0]	1 [2.0]	2 [1.5]
Nose	(50)	(50)	(50)	(50)
Accumulation, Hyaline Droplet	1 [2.0]	2 [1.5]		1 [1.0]
Inflammation	3 [1.3]	4 [1.0]	7 [1.4]	4 [1.0]
Glands, Dilatation	1 [1.0]			
Glands, Hyperplasia			1 [1.0]	1 [1.0]
Goblet Cell, Hypertrophy		2 [2.0]		1 [2.0]
Respiratory Epithelium, Hyperplasia	1 [2.0]			1 [1.0]
Trachea	(50)	(50)	(46)	(46)
Inflammation				1 [1.0]

SPECIAL SENSES SYSTEM

Eye	(48)	(50)	(46)	(46)
Cataract	2 [1.5]	1 [2.0]		
Cornea, Hyperplasia, Squamous		1 [1.0]		
Cornea, Inflammation	1 [3.0]	3 [1.0]	1 [2.0]	
Retina, Dysplasia	1 [1.0]	1 [1.0]		
Retrobulbar, Inflammation				1 [2.0]
Harderian Gland	(48)	(50)	(46)	(46)
Inflammation				1 [2.0]
Epithelium, Hyperplasia	2 [2.5]	3 [1.3]	1 [2.0]	2 [1.5]

URINARY SYSTEM

Kidney	(50)	(50)	(50)	(49)
Hydronephrosis	3 [1.3]	2 [1.0]	2 [2.0]	1 [1.0]
Infarct	4 [1.5]	2 [2.5]	5 [2.0]	7 [1.7]
Infiltration Cellular, Mononuclear Cell	2 [1.0]		2 [1.5]	1 [1.0]
Inflammation	3 [1.0]	4 [1.8]	1 [3.0]	1 [1.0]
Metaplasia, Osseous	1 [1.0]	3 [1.3]		1 [1.0]

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Experiment Number: 96014 - 06

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Date Report Requested: 07/05/2012

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Mineralization		2 [1.0]	1 [1.0]	
Nephropathy	40 [1.1]	38 [1.2]	31 [1.0]	30 [1.3]
Glomerulus, Amyloid Deposition		1 [1.0]	1 [4.0]	
Papilla, Necrosis		1 [2.0]		
Renal Tubule, Cyst	1 [2.0]	1 [1.0]		
Renal Tubule, Hyperplasia		1 [1.0]		
Renal Tubule, Necrosis	1 [2.0]			
Urinary Bladder	(50)	(50)	(50)	(50)
Hyperplasia, Lymphoid		1 [2.0]		
Infiltration Cellular, Mononuclear Cell	1 [2.0]			
Inflammation		2 [1.5]	1 [3.0]	
Transitional Epithelium, Hyperplasia				1 [2.0]

*** END OF REPORT ***

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