

TDMS No. 96019 - 06

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

Date Report Reqsted: 08/21/2006

Test Type: CHRONIC

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

Time Report Reqsted: 10:19:09

Route: DOSED WATER

CAS Number: 5589-96-8

First Dose M/F: 10/10/01 / 10/10/01

Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

F1_M3_CORE

C Number: C96019

Lock Date: 07/14/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25021 TSAC 25020 NATD 25019 MSAC

Removal Date Range: ALL

Treatment Groups: Include ALL

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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Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Disposition Summary				
Animals Initially in Study	66	66	66	66
Early Deaths				
Moribund Sacrifice	6	5	9	15
Natural Death	6	10	11	14
Survivors				
Terminal Sacrifice	38	35	30	21
Animals Examined Microscopically	50	50	50	50
ALIMENTARY SYSTEM				
Esophagus	(50)	(50)	(49)	(50)
Ulcer	1 [4.0]			
Intestine Large, Cecum	(49)	(49)	(49)	(49)
Developmental Malformation				1
Edema	1 [2.0]	1 [2.0]		1 [2.0]
Inflammation				1 [3.0]
Intestine Large, Colon	(50)	(50)	(50)	(50)
Ulcer			1 [4.0]	
Intestine Small, Duodenum	(48)	(47)	(48)	(47)
Intestine Small, Jejunum	(47)	(47)	(46)	(43)
Developmental Malformation				1
Hyperplasia, Lymphoid			1 [2.0]	
Epithelium, Hyperplasia				1 [3.0]
Peyer's Patch, Inflammation, Suppurative			1 [2.0]	
Liver	(50)	(50)	(50)	(50)
Amyloid Deposition	1 [4.0]			
Angiectasis	2 [3.0]			
Basophilic Focus	5	11	8	4
Clear Cell Focus	15	9	4	1
Eosinophilic Focus	20	25	14	19
Fibrosis	1 [1.0]			
Hematopoietic Cell Proliferation	1 [2.0]	1 [2.0]	2 [2.5]	3 [2.0]
Hemorrhage	1 [2.0]		1 [3.0]	
Infarct	1			
Infiltration Cellular, Mixed Cell	4 [2.3]	1 [2.0]	2 [3.0]	2 [2.0]
Mixed Cell Focus	5	9	6	4

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Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Necrosis, Focal	5 [2.2]	5 [1.8]	7 [2.3]	7 [2.7]
Regeneration	1 [3.0]			
Bile Duct, Cyst Multilocular	1			
Centrilobular, Necrosis	1 [1.0]	2 [4.0]	4 [2.5]	8 [2.4]
Hepatocyte, Fatty Change			1 [2.0]	
Hepatocyte, Vacuolization Cytoplasmic	3 [3.3]	12 [2.6]	17 [3.2]	19 [3.2]
Mesentery	(15)	(12)	(8)	(8)
Angiectasis		1 [3.0]		
Fat, Necrosis	15 [3.3]	9 [3.3]	6 [3.3]	3 [3.0]
Pancreas	(50)	(50)	(50)	(50)
Necrosis				1 [3.0]
Acinus, Cytoplasmic Alteration	2 [3.0]	5 [3.0]	5 [3.0]	8 [3.0]
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia, Lymphoid	2 [2.0]	4 [2.3]	3 [2.3]	5 [2.0]
Necrosis		1 [3.0]		
Stomach, Forestomach	(50)	(50)	(49)	(50)
Diverticulum				2
Dysplasia			1 [2.0]	
Inflammation, Chronic		1 [2.0]		3 [2.3]
Ulcer	2 [2.0]	2 [3.0]	3 [2.3]	3 [2.7]
Epithelium, Hyperplasia, Squamous	6 [2.0]	6 [2.5]	5 [2.0]	9 [2.3]
Stomach, Glandular	(50)	(50)	(49)	(50)
Erosion	3 [2.7]	2 [2.5]	4 [1.5]	3 [2.7]
Metaplasia, Atypical				1 [3.0]
Ulcer	2 [2.5]		1 [3.0]	
Glands, Hyperplasia	1 [2.0]	1 [2.0]	1 [3.0]	2 [3.0]
Tooth	(2)	(0)	(0)	(0)
Malformation	1			
CARDIOVASCULAR SYSTEM				
Blood Vessel	(2)	(2)	(1)	(4)
Hypertrophy		1 [4.0]		1 [4.0]
Inflammation, Chronic		1 [4.0]		1 [4.0]
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	4 [1.5]	1 [1.0]	1 [1.0]	1 [1.0]
Hemorrhage		1 [2.0]		
Inflammation, Chronic	3 [2.0]	1 [2.0]	3 [1.0]	3 [2.7]
Mineralization	1 [3.0]	1 [1.0]	2 [2.0]	5 [2.4]

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

Time Report Requested: 10:19:09

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CAS Number: 5589-96-8

First Dose M/F: 10/10/01 / 10/10/01

Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Thrombosis		1 [4.0]	1 [4.0]	
ENDOCRINE SYSTEM				
Adrenal Cortex	(50)	(50)	(50)	(50)
Accessory Adrenal Cortical Nodule	2 [3.0]	7 [2.7]	2 [3.0]	2 [3.0]
Angiectasis				1 [4.0]
Degeneration, Fatty	1 [1.0]			
Hyperplasia, Focal	1 [1.0]	1 [2.0]		1 [1.0]
Hypertrophy, Focal	5 [1.4]	8 [1.5]	3 [2.0]	2 [2.0]
Capsule, Hyperplasia	8 [1.9]	10 [2.1]	2 [1.5]	2 [2.0]
Adrenal Medulla	(50)	(50)	(50)	(47)
Hyperplasia	1 [1.0]	2 [1.0]	1 [1.0]	
Islets, Pancreatic	(50)	(50)	(48)	(50)
Hyperplasia	35 [2.1]	29 [2.1]	21 [2.0]	10 [1.5]
Parathyroid Gland	(32)	(40)	(37)	(38)
Cyst		2 [3.0]	1 [3.0]	1 [3.0]
Pituitary Gland	(50)	(50)	(48)	(49)
Pars Distalis, Cyst	5 [3.0]	6 [3.0]	3 [3.0]	3 [3.0]
Thyroid Gland	(50)	(50)	(50)	(50)
Follicle, Cyst	1 [3.0]	1 [3.0]	2 [3.0]	2 [3.0]
Follicle, Degeneration, Focal	9 [2.0]	18 [1.8]	10 [1.7]	8 [1.5]
Follicular Cell, Hyperplasia	18 [1.9]	14 [1.9]	14 [1.8]	5 [1.6]
GENERAL BODY SYSTEM				
Tissue NOS	(0)	(0)	(0)	(1)
GENITAL SYSTEM				
Epididymis	(50)	(50)	(50)	(50)
Granuloma Sperm	1 [2.0]			
Inflammation, Chronic	1 [2.0]	1 [2.0]		
Necrosis				1 [3.0]
Spermatocele		1 [3.0]		
Preputial Gland	(48)	(50)	(50)	(50)
Foreign Body				1
Granuloma				1 [4.0]

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Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Hyperplasia	1 [1.0]			
Inflammation, Chronic	19 [2.2]	27 [2.3]	21 [2.2]	22 [2.2]
Duct, Ectasia	41 [2.8]	41 [3.1]	41 [3.0]	47 [3.1]
Prostate	(50)	(50)	(50)	(50)
Inflammation, Chronic	2 [2.0]	3 [1.7]	2 [2.0]	1 [2.0]
Seminal Vesicle	(50)	(50)	(50)	(50)
Degeneration	1 [3.0]	1 [3.0]	1 [3.0]	1 [2.0]
Inflammation, Chronic	1 [2.0]			
Testes	(50)	(50)	(50)	(50)
Angiectasis	1 [3.0]			
Germinal Epithelium, Atrophy	4 [1.5]	3 [2.7]	3 [1.7]	8 [2.4]
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(48)	(47)	(48)
Depletion Cellular		1 [3.0]		
Hyperplasia	29 [2.1]	21 [2.8]	31 [2.7]	40 [2.6]
Lymph Node	(5)	(6)	(5)	(3)
Iliac, Hematopoietic Cell Proliferation		1 [2.0]	1 [2.0]	
Iliac, Hyperplasia, Lymphoid	1 [3.0]	1 [2.0]		
Iliac, Pigmentation	2 [2.5]		2 [3.0]	
Inguinal, Pigmentation		1 [2.0]		
Mediastinal, Hemorrhage		1 [2.0]		3 [2.0]
Mediastinal, Hyperplasia, Lymphoid	1 [2.0]		1 [2.0]	
Mediastinal, Pigmentation		1 [2.0]	1 [2.0]	3 [2.0]
Lymph Node, Mandibular	(50)	(45)	(41)	(45)
Atrophy	1 [3.0]	6 [2.3]	3 [2.3]	18 [2.4]
Hematopoietic Cell Proliferation	1 [2.0]	1 [1.0]	1 [2.0]	
Hyperplasia, Lymphoid	9 [2.4]	10 [3.0]	4 [2.0]	
Pigmentation		1 [3.0]	1 [3.0]	2 [3.0]
Lymph Node, Mesenteric	(45)	(45)	(44)	(45)
Angiectasis				1 [3.0]
Atrophy	5 [2.4]	5 [2.4]	2 [3.0]	15 [2.5]
Ectasia			1 [3.0]	
Hematopoietic Cell Proliferation	1 [2.0]	2 [2.0]	2 [2.0]	3 [2.3]
Hemorrhage	5 [2.0]	3 [2.0]	4 [1.8]	2 [2.0]
Hyperplasia, Lymphoid	7 [2.7]	3 [3.0]	2 [2.5]	1 [4.0]
Spleen	(50)	(50)	(50)	(50)
Accessory Spleen		1		

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Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Angiectasis				1 [2.0]
Fibrosis				1 [2.0]
Hematopoietic Cell Proliferation	20 [2.6]	23 [2.8]	39 [3.2]	40 [3.3]
Lymphoid Follicle, Atrophy	3 [2.7]	5 [3.0]	6 [2.8]	6 [2.8]
Lymphoid Follicle, Hyperplasia	3 [2.0]	2 [2.0]	2 [2.5]	1 [2.0]
Thymus	(46)	(40)	(36)	(40)
Atrophy	14 [2.9]	22 [2.8]	18 [2.9]	24 [3.1]
Cyst	8 [3.0]	4 [3.0]	3 [3.0]	3 [3.0]
Hyperplasia, Lymphoid				1 [2.0]
INTEGUMENTARY SYSTEM				
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion		1		
Edema		1 [3.0]	5 [3.2]	1 [3.0]
Hemorrhage		1 [1.0]		
Ulcer	2 [4.0]	4 [3.3]	5 [4.0]	4 [4.0]
Epidermis, Hyperplasia	2 [3.5]	3 [2.7]	5 [3.2]	4 [2.8]
Sebaceous Gland, Hyperplasia			1 [3.0]	
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Necrosis, Focal				1 [2.0]
Cranium, Osteopetrosis		1 [3.0]	1 [3.0]	
Femur, Fibrous Osteodystrophy				1 [3.0]
Skeletal Muscle	(2)	(3)	(2)	(6)
Atrophy	1 [1.0]			1 [1.0]
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Gliosis		1 [3.0]		
Hemorrhage	1 [2.0]	1 [1.0]		1 [4.0]
Peripheral Nerve	(1)	(2)	(2)	(5)
Atrophy	1 [3.0]	1 [2.0]	1 [2.0]	2 [1.0]
RESPIRATORY SYSTEM				

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Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Lung	(50)	(50)	(50)	(50)
Edema		1 [3.0]		1 [2.0]
Foreign Body	1			1
Hemorrhage	1 [1.0]	3 [1.3]	1 [1.0]	2 [2.0]
Hyperplasia, Lymphoid	1 [2.0]	2 [2.5]		1 [2.0]
Infiltration Cellular, Histiocyte	10 [3.4]	14 [3.0]	5 [2.6]	7 [2.7]
Inflammation, Suppurative	1 [2.0]			2 [3.0]
Thrombosis				2 [2.0]
Alveolar Epithelium, Hyperplasia	3 [2.3]	6 [1.7]	4 [2.0]	3 [1.7]
Nose	(50)	(50)	(50)	(50)
Foreign Body	1			1
Inflammation, Chronic	2 [2.0]			1 [3.0]

SPECIAL SENSES SYSTEM

Eye	(50)	(50)	(50)	(50)
Atrophy			1 [4.0]	
Hemorrhage		1 [3.0]		
Inflammation, Chronic		1 [3.0]	1 [3.0]	
Cornea, Hyperplasia		1 [3.0]	1 [2.0]	
Harderian Gland	(50)	(50)	(49)	(50)
Hyperplasia, Focal	4 [2.0]	1 [2.0]	2 [2.0]	2 [1.5]
Inflammation, Chronic			1 [3.0]	
Acinus, Atrophy	1 [3.0]			

URINARY SYSTEM

Kidney	(50)	(50)	(50)	(50)
Cyst	10 [3.0]	10 [3.0]	16 [3.0]	2 [3.0]
Glomerulosclerosis			1 [3.0]	1 [3.0]
Hydronephrosis	1 [2.0]	1 [2.0]		2 [2.0]
Hyperplasia, Lymphoid	1 [3.0]		1 [4.0]	
Infarct	11	2	6	5
Inflammation, Suppurative		1 [3.0]		1 [2.0]
Inflammation, Chronic	3 [2.0]	3 [2.7]	3 [2.0]	2 [2.5]
Metaplasia, Osseous	6 [2.2]	6 [1.7]	3 [2.0]	1 [2.0]
Nephropathy	40 [1.7]	39 [1.8]	31 [1.7]	29 [1.8]
Renal Tubule, Accumulation, Hyaline Droplet		1 [3.0]	2 [2.5]	

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WITH AVERAGE SEVERITY GRADES[b]**

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Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Renal Tubule, Dilatation, Diffuse	2 [3.0]	1 [2.0]	1 [3.0]	2 [3.0]
Renal Tubule, Hyperplasia	1 [1.0]	1 [1.0]		
Renal Tubule, Necrosis	1 [1.0]	2 [2.5]	1 [2.0]	3 [2.0]
Renal Tubule, Pigmentation	1 [3.0]	4 [2.5]	21 [2.7]	24 [3.3]
Urethra	(1)	(0)	(0)	(0)
Angiectasis	1 [4.0]			
Inflammation, Acute	1 [3.0]			
Urinary Bladder	(50)	(50)	(49)	(50)
Edema		2 [3.0]	2 [3.0]	1 [3.0]
Inflammation, Chronic		1 [2.0]	1 [3.0]	
Transitional Epithelium, Hyperplasia			1 [3.0]	

*** END OF MALE ***

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Disposition Summary				
Animals Initially in Study	66	66	66	66
Early Deaths				
Moribund Sacrifice	4	3	3	2
Natural Death	10	5	15	8
Survivors				
Natural Death				1
Terminal Sacrifice	36	42	32	39
Animals Examined Microscopically	50	50	50	50
ALIMENTARY SYSTEM				
Gallbladder	(42)	(49)	(41)	(41)
Intestine Large, Cecum	(48)	(50)	(46)	(47)
Edema		1 [2.0]		1 [2.0]
Ulcer		1 [2.0]		
Intestine Large, Colon	(50)	(50)	(50)	(49)
Diverticulum		1		
Intestine Small, Duodenum	(48)	(45)	(45)	(46)
Epithelium, Hyperplasia		1 [2.0]		1 [3.0]
Intestine Small, Ileum	(47)	(50)	(47)	(46)
Epithelium, Hyperplasia		2 [3.0]		
Intestine Small, Jejunum	(48)	(48)	(46)	(44)
Hyperplasia, Lymphoid	1 [2.0]			1 [3.0]
Epithelium, Hyperplasia		1 [3.0]	1 [2.0]	
Peyer's Patch, Inflammation, Suppurative				1 [3.0]
Liver	(50)	(50)	(50)	(50)
Angiectasis	1 [3.0]		2 [3.5]	
Autolysis				1 [3.0]
Basophilic Focus	1	3	6	5
Clear Cell Focus	4	4	2	
Eosinophilic Focus	13	22	31	24
Hematopoietic Cell Proliferation	3 [2.3]	1 [3.0]	2 [2.5]	2 [2.0]
Hemorrhage	2 [3.0]		1 [3.0]	
Infiltration Cellular, Mixed Cell	4 [2.3]	4 [2.3]	5 [2.4]	
Mixed Cell Focus	5	10	6	1
Necrosis, Focal	3 [2.3]	2 [1.0]	2 [3.5]	2 [1.0]

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Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Tension Lipidosis		1		1
Bile Duct, Cyst Multilocular		1		1
Centrilobular, Necrosis				2 [1.5]
Hepatocyte, Fatty Change		1 [3.0]	1 [2.0]	
Hepatocyte, Fatty Change, Focal	1 [1.0]			
Hepatocyte, Hyperplasia, Nodular	1 [2.0]			
Hepatocyte, Vacuolization Cytoplasmic	3 [3.0]	11 [2.5]	27 [2.8]	42 [3.3]
Kupffer Cell, Hyperplasia	1 [3.0]			
Mesentery	(14)	(16)	(15)	(7)
Inflammation, Suppurative			1 [4.0]	
Proliferation Connective Tissue			1	
Fat, Necrosis	8 [3.3]	15 [3.9]	9 [3.7]	5 [2.8]
Pancreas	(49)	(50)	(49)	(49)
Atrophy		1 [4.0]		
Cyst	1 [3.0]	1 [3.0]		
Acinus, Cytoplasmic Alteration	3 [3.3]	4 [3.3]	2 [3.0]	3 [3.0]
Salivary Glands	(50)	(50)	(48)	(48)
Atrophy				1 [2.0]
Hyperplasia, Lymphoid	17 [2.1]	19 [2.2]	12 [2.2]	12 [2.3]
Stomach, Forestomach	(50)	(50)	(50)	(50)
Diverticulum	1			1
Edema		1 [3.0]		
Erosion	1 [1.0]			
Inflammation, Chronic	2 [2.0]		1 [2.0]	
Ulcer		2 [2.0]	1 [2.0]	
Epithelium, Hyperplasia, Squamous	3 [2.3]	2 [2.5]	1 [1.0]	3 [1.7]
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion	2 [2.0]		1 [3.0]	2 [2.0]
Ulcer				2 [3.0]
CARDIOVASCULAR SYSTEM				
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy		1 [1.0]	2 [2.0]	
Inflammation, Chronic			1 [3.0]	
Mineralization		2 [2.0]	2 [2.5]	
Thrombosis	1 [2.0]	1 [1.0]	1 [4.0]	1 [3.0]
ENDOCRINE SYSTEM				

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Test Type: CHRONIC

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

Time Report Requested: 10:19:09

Route: DOSED WATER

CAS Number: 5589-96-8

First Dose M/F: 10/10/01 / 10/10/01

Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Adrenal Cortex	(50)	(50)	(49)	(50)
Accessory Adrenal Cortical Nodule	10 [3.0]	8 [3.0]	6 [3.0]	10 [3.0]
Hyperplasia, Focal	2 [2.0]			
Hyperplasia, Diffuse			1 [3.0]	
Capsule, Hyperplasia				2 [2.0]
Zona Reticularis, Vacuolization		1 [2.0]		2 [3.0]
Cytoplasmic				
Adrenal Medulla	(50)	(50)	(49)	(48)
Hyperplasia		1 [2.0]		1 [1.0]
Islets, Pancreatic	(49)	(50)	(48)	(49)
Hyperplasia	3 [2.0]	3 [2.0]		
Parathyroid Gland	(36)	(47)	(44)	(47)
Cyst	1 [3.0]	3 [3.0]		4 [3.0]
Pituitary Gland	(48)	(49)	(48)	(49)
Pars Distalis, Angiectasis	2 [1.5]			
Pars Distalis, Cyst	1 [3.0]	1 [3.0]	2 [3.0]	3 [3.0]
Pars Distalis, Hyperplasia, Focal	10 [1.4]	7 [2.3]	4 [2.8]	6 [2.2]
Pars Intermedia, Hyperplasia				1 [2.0]
Thyroid Gland	(50)	(50)	(49)	(49)
Inflammation, Granulomatous		2 [2.0]		
C-cell, Hyperplasia				1 [1.0]
Follicle, Cyst	1 [3.0]	4 [3.0]	4 [3.0]	3 [3.0]
Follicle, Degeneration, Focal	19 [1.7]	22 [1.9]	20 [2.0]	13 [2.0]
Follicular Cell, Hyperplasia	15 [2.0]	18 [1.6]	11 [1.9]	9 [1.2]

GENERAL BODY SYSTEM

Tissue NOS	(1)	(0)	(2)	(0)
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GENITAL SYSTEM

Clitoral Gland	(43)	(50)	(49)	(46)
Cyst	1 [3.0]			
Ovary	(47)	(50)	(44)	(48)
Amyloid Deposition	1 [3.0]			
Angiectasis	6 [3.0]	6 [2.3]	4 [3.3]	6 [2.8]
Cyst	20 [3.0]	15 [3.0]	12 [3.0]	10 [3.0]
Hyperplasia, Tubular		1 [2.0]		
Thrombosis			1 [4.0]	

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

Time Report Requested: 10:19:09

Route: DOSED WATER

CAS Number: 5589-96-8

First Dose M/F: 10/10/01 / 10/10/01

Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Corpus Luteum, Hyperplasia				3 [3.0]
Thecal Cell, Hyperplasia	1 [2.0]	1 [3.0]		
Uterus	(50)	(50)	(50)	(50)
Angiectasis	1 [3.0]	2 [2.0]	3 [3.3]	2 [3.5]
Hemorrhage				1 [3.0]
Endometrium, Hyperplasia, Cystic	39 [3.1]	46 [3.5]	44 [3.1]	44 [3.1]
Vagina	(1)	(1)	(0)	(0)
HEMATOPOIETIC SYSTEM				
Bone Marrow	(50)	(50)	(50)	(50)
Depletion Cellular		1 [2.0]		
Hyperplasia	14 [2.9]	10 [2.6]	22 [2.7]	14 [2.4]
Myelofibrosis		1 [2.0]		
Lymph Node	(11)	(11)	(4)	(5)
Iliac, Ectasia	2 [3.0]			
Iliac, Hematopoietic Cell Proliferation				1 [1.0]
Iliac, Hyperplasia, Lymphoid	1 [3.0]	1 [2.0]		
Inguinal, Hyperplasia, Lymphoid	1 [2.0]			
Mediastinal, Hyperplasia, Lymphoid		2 [3.0]	1 [3.0]	
Renal, Hyperplasia, Lymphoid	2 [3.0]			
Lymph Node, Mandibular	(49)	(49)	(46)	(42)
Atrophy	1 [3.0]	1 [3.0]	2 [2.5]	
Hematopoietic Cell Proliferation			1 [2.0]	
Hemorrhage	1 [1.0]	1 [3.0]		
Hyperplasia, Lymphoid	2 [2.0]	6 [2.7]	4 [2.5]	7 [2.3]
Pigmentation	7 [3.0]	9 [3.0]	3 [3.0]	6 [3.0]
Lymph Node, Mesenteric	(50)	(48)	(47)	(47)
Atrophy	2 [3.0]	2 [2.5]	2 [3.5]	
Ectasia	1 [3.0]	1 [4.0]		
Hematopoietic Cell Proliferation	2 [1.5]	2 [2.5]		
Hemorrhage	4 [2.8]			
Hyperplasia, Lymphoid	4 [2.5]	5 [2.6]	1 [2.0]	2 [2.5]
Spleen	(49)	(50)	(50)	(50)
Angiectasis			1 [3.0]	
Hematopoietic Cell Proliferation	33 [2.4]	40 [2.2]	39 [2.6]	27 [2.5]
Pigmentation		4 [3.0]	3 [3.0]	2 [3.0]
Lymphoid Follicle, Atrophy	1 [3.0]	1 [2.0]	3 [2.7]	1 [3.0]
Lymphoid Follicle, Hyperplasia	8 [2.1]	13 [2.5]	8 [2.6]	9 [2.2]

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

Time Report Requested: 10:19:09

Route: DOSED WATER

CAS Number: 5589-96-8

First Dose M/F: 10/10/01 / 10/10/01

Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Thymus	(49)	(47)	(49)	(48)
Atrophy	2 [3.5]	5 [2.8]	11 [3.1]	5 [3.0]
Cyst			2 [3.0]	1 [3.0]
Hyperplasia, Lymphoid	6 [2.3]	7 [2.6]	2 [2.5]	5 [2.6]
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(50)	(50)
Hyperplasia	4 [2.3]	2 [2.5]	8 [2.5]	6 [2.2]
Skin	(50)	(50)	(50)	(50)
Cyst Epithelial Inclusion			1	
Edema			1 [3.0]	1 [4.0]
MUSCULOSKELETAL SYSTEM				
Bone	(50)	(50)	(50)	(50)
Fibrosis	1 [2.0]	6 [2.5]	4 [2.5]	4 [2.0]
Cranium, Osteopetrosis	1 [2.0]	1 [2.0]		
Skeletal Muscle	(2)	(2)	(4)	(2)
NERVOUS SYSTEM				
Brain	(50)	(50)	(50)	(50)
Compression	2 [3.5]		2 [4.0]	1 [3.0]
Hemorrhage	1 [2.0]			
Peripheral Nerve	(1)	(2)	(1)	(1)
Atrophy		2 [3.0]	1 [2.0]	1 [2.0]
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Foreign Body				2
Hemorrhage	2 [2.0]	5 [1.6]	5 [2.0]	6 [1.3]
Hyperplasia, Lymphoid	1 [2.0]	3 [2.0]		
Infiltration Cellular, Histiocyte	5 [2.8]	2 [1.5]	4 [2.8]	6 [2.3]
Metaplasia, Osseous	1 [1.0]			
Alveolar Epithelium, Hyperplasia	2 [1.5]	4 [1.8]	1 [1.0]	1 [3.0]
Nose	(50)	(49)	(50)	(50)

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WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

Time Report Requested: 10:19:09

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CAS Number: 5589-96-8

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Species/Strain: MICE/B6C3F1

Pathologist: HEATH, J. - Unknown, U.

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L
Inflammation, Chronic	1 [1.0]			1 [2.0]
SPECIAL SENSES SYSTEM				
Eye	(50)	(50)	(50)	(48)
Atrophy	1 [4.0]	1 [4.0]		2 [4.0]
Cataract		1 [3.0]		1 [2.0]
Inflammation, Chronic		1 [2.0]		
Harderian Gland	(49)	(50)	(50)	(47)
Hyperplasia, Focal		5 [2.4]	4 [1.3]	1 [2.0]
Inflammation, Chronic	1 [3.0]			
URINARY SYSTEM				
Kidney	(50)	(50)	(50)	(50)
Casts Granular	2 [2.0]	1 [3.0]		1 [2.0]
Hydronephrosis			1 [2.0]	
Infarct	8	4	2	3
Inflammation, Suppurative			1 [3.0]	
Inflammation, Chronic	4 [2.3]		3 [2.0]	3 [2.0]
Metaplasia, Osseous	1 [1.0]	2 [1.5]	3 [2.0]	2 [1.0]
Nephropathy	5 [1.4]	5 [1.4]	8 [2.0]	6 [1.0]
Renal Tubule, Accumulation, Hyaline Droplet	1 [2.0]			1 [4.0]
Renal Tubule, Necrosis	1 [1.0]		1 [3.0]	
Renal Tubule, Pigmentation			1 [4.0]	1 [3.0]
Urinary Bladder	(50)	(50)	(50)	(50)
Edema			1 [4.0]	
Inflammation, Chronic	7 [2.1]	4 [2.0]	3 [2.3]	6 [2.2]
Transitional Epithelium, Hyperplasia			1 [2.0]	

*** END OF REPORT ***

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