

Experiment Number: 96019-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

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

Test Compound: Water disinfection byproducts (Bromochloroacetic acid)

CAS Number: 5589-96-8

Date Report Requested: 10/16/2014

Time Report Requested: 13:11:35

First Dose M/F: NA / NA

Lab: SRI

C Number:

C96019

Lock Date:

07/13/2001

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

PWG Approval Date

NONE

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AVERAGE SEVERITY GRADES[b]****Test Compound:** Water disinfection byproducts (Bromochloroacetic acid)**CAS Number:** 5589-96-8**Date Report Requested:** 10/16/2014**Time Report Requested:** 13:11:35**First Dose M/F:** NA / NA**Lab:** SRI

B6C3F1 Mouse MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Acute, Focal		2 [1.0]	2 [1.0]	3 [1.0]	1 [1.0]	
Inflammation, Chronic, Focal	2 [1.0]	3 [1.0]	4 [1.0]	4 [1.0]	3 [1.0]	2 [1.0]
Periportal, Vacuolization Cytoplasmic			1 [1.0]	1 [2.0]	10 [1.6]	10 [2.0]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 [1.0]					
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)

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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Lab: SRI

B6C3F1 Mouse MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Pars Distalis, Cyst	2 [1.5]					1 [2.0]
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(6)	(5)	(6)	(10)	(10)
Hematopoietic Cell Proliferation	2 [1.0]	6 [1.0]	5 [1.0]	6 [1.0]	3 [1.0]	3 [1.0]
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

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Lab: SRI

B6C3F1 Mouse MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic, Focal						1 [1.0]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Glands, Hyperplasia						1 [1.0]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Cornea, Erosion						1 [2.0]
Cornea, Fibrosis						1 [2.0]
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Nephropathy						2 [1.0]
Renal Tubule, Vacuolization Cytoplasmic	10 [2.0]	10 [2.0]	10 [2.0]	10 [1.8]	10 [1.8]	10 [1.2]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

END OF MALE DATA

a - Number of animals examined microscopically at site and number of animals with lesion

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Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]****Test Compound:** Water disinfection byproducts (Bromochloroacetic acid)**CAS Number:** 5589-96-8**Date Report Requested:** 10/16/2014**Time Report Requested:** 13:11:35**First Dose M/F:** NA / NA**Lab:** SRI

B6C3F1 Mouse FEMALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Epithelium, Hyperplasia	1 [1.0]					
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation	1 [1.0]	3 [1.0]	1 [1.0]	2 [1.0]	1 [1.0]	1 [2.0]
Inflammation, Acute, Focal	3 [1.0]	2 [1.0]	2 [1.0]		1 [1.0]	
Inflammation, Chronic, Focal	5 [1.0]	5 [1.0]	5 [1.0]	5 [1.0]	6 [1.0]	6 [1.0]
Periportal, Vacuolization Cytoplasmic				1 [1.0]	10 [1.6]	10 [1.9]
Pancreas	(10)	(0)	(0)	(0)	(1)	(10)
Acinus, Cytoplasmic Alteration	3 [1.7]					1 [1.0]
Cyst					1 [2.0]	
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Hyperplasia, Squamous, Focal	1 [2.0]					
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)

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B6C3F1 Mouse FEMALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
Cyst						1 [1.0]
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Vacuolization Cytoplasmic	1 [1.0]					
Zona Reticul, Vacuolization Cytoplasmic	8 [1.0]					10 [1.0]
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ovary	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 [2.0]					
Oviduct	(1)	(0)	(0)	(0)	(0)	(0)
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(10)
Hyperplasia, Lymphoid	1 [2.0]					
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(9)	(5)	(9)	(10)	(10)
Hematopoietic Cell Proliferation	2 [1.0]	6 [1.2]	5 [1.0]	4 [1.3]	5 [1.2]	9 [1.7]

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B6C3F1 Mouse FEMALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic, Focal						1 [1.0]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(1)	(0)	(0)	(0)	(10)
Harderian Gland	(9)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic	1 [1.0]					
Nephropathy	1 [1.0]					2 [1.0]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

**** 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)