

Experiment Number: 20011-02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

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

Test Compound: 1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/21/2014

Time Report Requested: 01:56:31

First Dose M/F: NA / NA

Lab: BNW

C Number:	C20011
Lock Date:	06/13/2003
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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First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse MALE	CONTROL	125 PPM	250 PPM	500 PPM	1000 PPM	2000 PPM
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death				4	1	5
Survivors						
Terminal Sacrifice	5	5	5	1	4	
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(5)	(5)	(5)	(5)
Centrilobular, Inflammation, Chronic				1 [2.0]	4 [3.3]	
Centrilobular, Necrosis				5 [3.8]	5 [3.2]	5 [2.4]
Centrilobular, Vacuolization Cytoplasmic				3 [1.7]	4 [2.0]	
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						

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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B6C3F1 Mouse MALE	CONTROL	125 PPM	250 PPM	500 PPM	1000 PPM	2000 PPM
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)
Bronchiole, Necrosis		5 [1.0]	5 [1.0]	5 [2.0]	5 [1.4]	5 [3.4]
Bronchiole, Regeneration		5 [1.0]	5 [1.0]	2 [2.0]	4 [1.5]	
Bronchiole, Vacuolization Cytoplasmic				4 [3.0]	1 [3.0]	
Perivascular, Inflammation, Acute				3 [2.0]		5 [1.4]
Nose	(5)	(0)	(5)	(5)	(5)	(5)
Glands, Necrosis				4 [2.8]	3 [1.7]	5 [2.6]
Inflammation, Suppurative					3 [1.7]	
Olfactory Epi, Atrophy					4 [1.8]	
Olfactory Epi, Necrosis				4 [2.0]	2 [2.0]	5 [3.8]
Olfactory Epi, Regeneration				1 [1.0]	4 [2.3]	
Respirat Epith, Necrosis					1 [3.0]	5 [2.8]
Respirat Epith, Vacuolization Cytoplasmic				4 [3.0]	1 [3.0]	
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

END OF MALE DATA

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

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First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse FEMALE	CONTROL	125 PPM	250 PPM	500 PPM	1000 PPM	2000 PPM
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death					1	2
Survivors						
Terminal Sacrifice	5	5	5	5	4	3
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(5)	(5)	(5)	(5)
Centrilobular, Inflammation, Chronic				3 [1.3]	4 [3.0]	3 [1.3]
Centrilobular, Necrosis				3 [1.3]	5 [2.8]	5 [1.8]
Centrilobular, Vacuolization Cytoplasmic				3 [1.7]	5 [1.4]	3 [2.0]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						

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B6C3F1 Mouse FEMALE	CONTROL	125 PPM	250 PPM	500 PPM	1000 PPM	2000 PPM
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)
Bronchiole, Necrosis		5 [1.2]	5 [1.0]	5 [1.0]	5 [1.4]	5 [2.2]
Bronchiole, Regeneration		5 [1.2]	5 [1.0]	5 [2.0]	4 [1.8]	3 [2.3]
Bronchiole, Vacuolization Cytoplasmic					1 [3.0]	
Perivascular, Inflammation, Acute					1 [1.0]	2 [4.0]
Nose	(5)	(0)	(0)	(5)	(5)	(5)
Glands, Necrosis					1 [3.0]	2 [3.0]
Inflammation, Suppurative						1 [1.0]
Olfactory Epi, Atrophy					4 [1.0]	3 [1.7]
Olfactory Epi, Necrosis					1 [3.0]	2 [4.0]
Olfactory Epi, Regeneration					4 [1.5]	3 [2.3]
Respirat Epith, Necrosis					1 [2.0]	2 [2.5]
Respirat Epith, Vacuolization Cytoplasmic					1 [4.0]	
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

**** 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)