

Experiment Number: 92013-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 10/16/2014
Time Report Requested: 17:12:45
First Dose M/F: NA / NA
Lab: MBA

C Number: C92013
Lock Date: 01/12/1995
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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B6C3F1 Mouse MALE	VEHICLE CONTROL	300 PPM	800 PPM	2500 PPM
Disposition Summary				
Animals Initially In Study	5	5	5	5
Early Deaths				
Survivors				
Terminal Sacrifice	5	5	5	5
Animals Examined Microscopically	5			5
ALIMENTARY SYSTEM				
Liver	(5)	(0)	(0)	(5)
Necrosis, Focal	1 (20%)			2 (40%)
Periportal, Vacuolization Cytoplasmic	3 (60%)			5 (100%)
Vacuolization Cytoplasmic, Diffuse	2 (40%)			
Stomach, Forestomach	(5)	(0)	(0)	(5)
Stomach, Glandular	(5)	(0)	(0)	(5)
CARDIOVASCULAR SYSTEM				
Heart	(5)	(0)	(0)	(5)
ENDOCRINE SYSTEM				
Adrenal Cortex	(5)	(0)	(0)	(5)
Adrenal Medulla	(5)	(0)	(0)	(5)
Pituitary Gland	(5)	(0)	(0)	(4)
Thyroid Gland	(5)	(0)	(0)	(4)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Testes	(5)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM				
Spleen	(5)	(0)	(0)	(5)
Hematopoietic Cell Proliferation	1 (20%)			1 (20%)

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

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B6C3F1 Mouse MALE	VEHICLE CONTROL	300 PPM	800 PPM	2500 PPM
Thymus	(5)	(0)	(0)	(5)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
Brain	(5)	(0)	(0)	(5)
RESPIRATORY SYSTEM				
Lung	(5)	(0)	(0)	(5)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(5)	(0)	(0)	(5)

END OF MALE DATA

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	300 PPM	800 PPM	2500 PPM
Disposition Summary				
Animals Initially In Study	5	5	5	5
Early Deaths				
Survivors				
Terminal Sacrifice	5	5	5	5
Animals Examined Microscopically	5			5
ALIMENTARY SYSTEM				
Liver	(5)	(0)	(0)	(5)
Inflammation, Chronic Active, Focal Periportal, Vacuolization Cytoplasmic	4 (80%)			5 (100%) 2 (40%)
Vacuolization Cytoplasmic, Diffuse	3 (60%)			1 (20%)
Stomach, Forestomach	(5)	(0)	(0)	(5)
Stomach, Glandular	(5)	(0)	(0)	(5)
CARDIOVASCULAR SYSTEM				
Heart	(5)	(0)	(0)	(5)
ENDOCRINE SYSTEM				
Adrenal Cortex	(5)	(0)	(0)	(5)
Adrenal Medulla	(5)	(0)	(0)	(3)
Pituitary Gland	(5)	(0)	(0)	(5)
Thyroid Gland	(5)	(0)	(0)	(5)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Ovary	(5)	(0)	(0)	(5)
Uterus	(0)	(0)	(0)	(1)
Congestion				1 (100%)
HEMATOPOIETIC SYSTEM				

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	300 PPM	800 PPM	2500 PPM
Spleen	(5)	(0)	(0)	(5)
Hematopoietic Cell Proliferation	4 (80%)			4 (80%)
Thymus	(5)	(0)	(0)	(4)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
Brain	(5)	(0)	(0)	(5)
RESPIRATORY SYSTEM				
Lung	(5)	(0)	(0)	(5)
Artery, Inflammation, Chronic Active	1 (20%)			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(5)	(0)	(0)	(5)

**** END OF REPORT ****

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