

Experiment Number: 92012-02
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: 2-Methylimidazole
CAS Number: 693-98-1

Date Report Requested: 10/15/2014
Time Report Requested: 13:46:37
First Dose M/F: NA / NA
Lab: MBA

C Number:	C92012
Lock Date:	08/31/1994
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	1200 PPM	3300 PPM	10000 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	5	5
ALIMENTARY SYSTEM				
Liver	(5)	(5)	(5)	(5)
Inflammation, Chronic Active	1 [1.0]	1 [1.0]	1 [1.0]	
Necrosis			1 [1.0]	1 [1.0]
Periportal, Vacuolization Cytoplasmic	4 [1.8]	3 [2.3]	5 [2.0]	5 [2.2]
Vacuolization Cytoplasmic, Diffuse	1 [1.0]	2 [2.0]		
Stomach, Forestomach	(5)	(0)	(0)	(5)
Inflammation, Chronic				1 [1.0]
Stomach, Glandular	(5)	(0)	(0)	(5)
CARDIOVASCULAR SYSTEM				
Heart	(5)	(0)	(0)	(5)
Ventricle, Mineralization				1 [2.0]
ENDOCRINE SYSTEM				
Adrenal Cortex	(5)	(0)	(0)	(5)
Adrenal Medulla	(4)	(0)	(0)	(5)
Pituitary Gland	(5)	(0)	(0)	(4)
Thyroid Gland	(5)	(5)	(5)	(5)
Follicular Cel, Hypertrophy		2 [1.0]	5 [1.4]	5 [2.2]
GENERAL BODY SYSTEM				
None				

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	VEHICLE CONTROL	1200 PPM	3300 PPM	10000 PPM
GENITAL SYSTEM				
Testes	(5)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM				
Spleen	(5)	(5)	(5)	(5)
Hematopoietic Cell Proliferation	3 [1.0]	5 [1.4]	5 [2.8]	5 [2.8]
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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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse FEMALE	VEHICLE CONTROL	1200 PPM	3300 PPM	10000 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	5	5
ALIMENTARY SYSTEM				
Liver	(5)	(5)	(5)	(5)
Inflammation, Chronic Active	1 [1.0]	3 [1.0]	2 [1.0]	3 [1.0]
Periportal, Vacuolization Cytoplasmic	1 [1.0]	1 [1.0]	4 [1.5]	4 [1.3]
Vacuolization Cytoplasmic, Diffuse	1 [1.0]		1 [2.0]	1 [1.0]
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	(3)	(0)	(0)	(4)
Pituitary Gland	(5)	(0)	(0)	(5)
Thyroid Gland	(5)	(5)	(5)	(5)
Follicular Cel, Hypertrophy		3 [1.0]	5 [1.4]	5 [2.8]
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Ovary	(5)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM				

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Spleen	(5)	(5)	(5)	(5)
Hematopoietic Cell Proliferation	5 [1.8]	5 [2.2]	5 [2.6]	5 [2.8]
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 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)