

TDMS No. 99002 - 04
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
O-CHLOROPYRIDINE
CAS Number: 109-09-1
Pathologist: LANNING, L. - Blackshear, P.
F1_M3

Date Report Requested: 05/11/2006
Time Report Requested: 08:58:41
First Dose M/F: 07/31/03 / 08/01/03
Lab: MBA

C Number: C99002B
Lock Date: 12/16/2004
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL

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B6C3F1 MICE MALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Liver	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell, Focal	1 (10%)		1 (10%)		1 (10%)
Necrosis, Focal	1 (10%)		2 (20%)		
Centrilobular, Hepatocyte, Hypertrophy				1 (10%)	6 (60%)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)
Cyst					
Cyst Epithelial Inclusion	2 (20%)				
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(9)	(0)	(0)	(0)	(0)
Subcapsular, Hyperplasia, Focal					
Parathyroid Gland	(7)	(0)	(0)	(0)	(0)
Cyst	1 (14%)				
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					

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

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B6C3F1 MICE MALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
HEMATOPOIETIC SYSTEM					
Spleen	(10)	(0)	(0)	(0)	(0)
Hematopoietic Cell Proliferation	10 (100%)				
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
None					
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(10)	(10)	(10)	(10)	(10)
Mineralization					2 (20%)
Nephropathy					
Interstitial, Infiltration Cellular, Mononuclear Cell			1 (10%)		
Renal Tubule, Casts Protein				1 (10%)	
Renal Tubule, Vacuolization Cytoplasmic	10 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)

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B6C3F1 MICE MALE

1000 PPM

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Liver	(10)
Infiltration Cellular, Mononuclear Cell, Focal	1 (10%)
Necrosis, Focal	2 (20%)
Centrilobular, Hepatocyte, Hypertrophy	9 (90%)
Stomach, Glandular	(10)
Cyst	1 (10%)
Cyst Epithelial Inclusion	

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Subcapsular, Hyperplasia, Focal	2 (20%)
Parathyroid Gland	(7)
Cyst	

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

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HEMATOPOIETIC SYSTEM	
Spleen	(10)
Hematopoietic Cell Proliferation	10 (100%)
INTEGUMENTARY SYSTEM	
None	
MUSCULOSKELETAL SYSTEM	
None	
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
None	
SPECIAL SENSES SYSTEM	
None	
URINARY SYSTEM	
Kidney	(10)
Mineralization	
Nephropathy	1 (10%)
Interstitial, Infiltration Cellular, Mononuclear Cell	1 (10%)
Renal Tubule, Casts Protein	
Renal Tubule, Vacuolization Cytoplasmic	10 (100%)

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B6C3F1 MICE MALE

1000 PPM

*** END OF MALE ***

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B6C3F1 MICE FEMALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Natural Death	1				
Survivors					
Terminal Sacrifice	9	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Liver	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell, Focal Necrosis, Focal Centrilobular, Hepatocyte, Hypertrophy		1 (10%)	1 (10%)		1 (10%) 4 (40%)
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)
Subcapsular, Hyperplasia, Focal	10 (100%)				
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Ovary	(10)	(0)	(0)	(0)	(0)
Uterus	(10)	(0)	(0)	(0)	(0)
Endometrium, Hyperplasia, Cystic	4 (40%)				
HEMATOPOIETIC SYSTEM					

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B6C3F1 MICE FEMALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM
Spleen Hematopoietic Cell Proliferation	(9) 9 (100%)	(0)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM					
Skin Dermis, Inflammation	(10) 1 (10%)	(0)	(0)	(0)	(0)
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Lung Hemorrhage, Focal	(10)	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney Infiltration Cellular, Mononuclear Cell Nephropathy	(10)	(10)	(10) 1 (10%)	(10)	(10)
Interstitialium, Infiltration Cellular, Mononuclear Cell	1 (10%)	2 (20%)			

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B6C3F1 MICE FEMALE

1000 PPM

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Natural Death	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Liver	(10)
Infiltration Cellular, Mononuclear Cell, Focal Necrosis, Focal	1 (10%)
Centrilobular, Hepatocyte, Hypertrophy	10 (100%)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Subcapsular, Hyperplasia, Focal	10 (100%)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Ovary	(10)
Uterus	(10)
Endometrium, Hyperplasia, Cystic	3 (30%)

HEMATOPOIETIC SYSTEM

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

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Spleen Hematopoietic Cell Proliferation	(10) 10 (100%)
INTEGUMENTARY SYSTEM	
Skin Dermis, Inflammation	(10)
MUSCULOSKELETAL SYSTEM	
None	
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
Lung Hemorrhage, Focal	(10) 1 (10%)
SPECIAL SENSES SYSTEM	
None	
URINARY SYSTEM	
Kidney Infiltration Cellular, Mononuclear Cell Nephropathy Interstitial, Infiltration Cellular, Mononuclear Cell	(10)

*** END OF REPORT ***