

TDMs No. 99002 - 03

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

Date Report Requested: 01/15/2009

Test Type: 90-DAY

o-Chloropyridine

Time Report Requested: 08:39:57

Route: DOSED WATER

CAS Number: 109-09-1

First Dose M/F: 07/28/03 / 07/29/03

Species/Strain: RATS/F 344/N

Lab: MBA

F2_R2

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
Study Gender: Both
TDMSE Version: 2.1.0

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Lab: MBA

FISCHER 344 RATS MALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM
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						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Basophilic Focus						2
Clear Cell Focus						6
Eosinophilic Focus						1
Hepatodiaphragmatic Nodule					1	
Bile Duct, Hyperplasia	1 [1.0]					
Hepatocyte, Vacuolization Cytoplasmic					6 [1.0]	9 [1.8]
Salivary Glands	(9)	(0)	(0)	(0)	(0)	(10)
Parotid Gland, Basophilic Focus	2					5
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	4 [1.3]					2 [1.0]
Inflammation, Chronic	1 [2.0]					
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Zona Fasciculata, Vacuolization	9 [1.0]					5 [1.0]
Cytoplasmic						
Zona Reticularis, Vacuolization						2 [1.0]
Cytoplasmic						
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1					
Ectopic Thymus	1					1

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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FISCHER 344 RATS MALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)
Hyperplasia	1 [1.0]		2 [1.0]	1 [1.0]	9 [1.0]	10 [1.9]
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Sinus, Histiocytosis						2 [1.0]
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Congestion	4 [1.0]	1 [1.0]	2 [1.0]		7 [1.0]	10 [1.0]
Hematopoietic Cell Proliferation	4 [1.8]	8 [2.0]	6 [1.8]	6 [1.7]	10 [2.0]	10 [2.0]
Pigmentation	10 [1.0]	10 [1.0]	10 [1.3]	10 [1.0]	10 [2.0]	10 [2.0]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell,	1 [1.0]					

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FISCHER 344 RATS MALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM
Focal Metaplasia, Osseous Alveolus, Hemorrhage, Focal	2 [1.0] 1 [1.0]					1 [1.0]
SPECIAL SENSES SYSTEM						
Eye Posterior Chamber, Developmental Malformation	(10) 1	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney Mineralization Nephropathy Renal Tubule, Accumulation, Hyaline Droplet	(10) 3 [1.0] 10 [2.1]	(10) 1 [1.0] 2 [1.0] 10 [2.4]	(10) 5 [1.0] 10 [2.3]	(10) 6 [1.0] 9 [1.8]	(10) 3 [1.0] 5 [1.2]	(10) 4 [1.0]

*** END OF MALE ***

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM
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						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Clear Cell Focus						2
Hepatocyte, Vacuolization Cytoplasmic						9 [1.3]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Duct, Hyperplasia	1 [1.0]					
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Parotid Gland, Basophilic Focus	3					2
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	1 [1.0]					
Epicardium, Inflammation						1 [1.0]
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell, Focal						1 [1.0]
Pituitary Gland	(9)	(0)	(0)	(0)	(0)	(10)
Pars Distalis, Cyst	1					
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	2					1
Ectopic Thymus	1 [1.0]					
GENERAL BODY SYSTEM						

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

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM
None						
GENITAL SYSTEM						
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
Dilatation	1 [2.0]					3 [2.3]
Hydrometra	1 [2.0]					2 [1.5]
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)
Hyperplasia					3 [1.0]	9 [1.1]
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Sinus, Histiocytosis	6 [1.0]					4 [1.0]
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Congestion	1 [2.0]	7 [1.3]	5 [1.6]	6 [1.3]	6 [1.0]	10 [1.8]
Hematopoietic Cell Proliferation	3 [2.0]	3 [1.3]	6 [1.5]	3 [1.7]	7 [1.7]	10 [1.9]
Pigmentation	10 [2.0]	10 [2.2]	10 [2.3]	10 [2.4]	10 [2.2]	10 [3.0]
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
Thymocyte, Atrophy	1 [1.0]					
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell,	4 [1.0]					3 [1.0]

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FISCHER 344 RATS FEMALE	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM
Focal Alveolus, Hemorrhage, Focal	1 [1.0]					
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Cornea, Inflammation						1 [1.0]
Sclera, Inflammation						2 [1.0]
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell, Focal						1 [3.0]
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Mineralization			1 [1.0]			
Nephropathy	2 [1.0]		1 [1.0]	1 [1.0]	2 [1.0]	5 [1.0]

*** END OF REPORT ***