

TDMS No. 20214 - 01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: RATS/F344/N Tac

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

5-Amino-o-cresol
CAS Number: 2835-95-2

Date Report Requested: 04/02/2008
Time Report Requested: 09:24:09
First Dose M/F: 05/08/06 / 05/09/06
Lab: BAT

F1_RD

C Number: C20214
Lock Date: 12/04/2006
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.9.1

Fischer 344-Taconic RATS MALE	0 mg/kg	2 mg/kg	4 mg/kg	8 mg/kg	16 mg/kg	32 mg/kg
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						
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Parasite Metazoan						2 (20%)
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hepatodiaphragmatic Nodule				1 (10%)		
Inflammation, Chronic Active	9 (90%)			1 (10%)		9 (90%)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	1 (10%)					
Acinus, Atrophy						2 (20%)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	10 (100%)					10 (100%)
ENDOCRINE SYSTEM						
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					2 (20%)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 (10%)					
Thyroid Gland	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell						1 (10%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						

Fischer 344-Taconic RATS MALE	0 mg/kg	2 mg/kg	4 mg/kg	8 mg/kg	16 mg/kg	32 mg/kg
Epididymis Infiltration Cellular, Mononuclear Cell Inflammation, Chronic Active	(10) 1 (10%)	(0)	(0)	(0)	(0)	(10) 2 (20%)
HEMATOPOIETIC SYSTEM						
Lymph Node, Mesenteric Inflammation, Histiocytic	(10)	(0)	(0)	(0)	(0)	(10) 1 (10%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung Infiltration Cellular, Histiocyte Inflammation, Chronic Active Metaplasia, Osseous Interstitial, Inflammation, Chronic Active	(10) 2 (20%) 3 (30%) 2 (20%)	(10)	(10)	(10)	(10)	(10) 4 (40%) 5 (50%) 1 (10%)
Trachea Infiltration Cellular, Mononuclear Cell	(10) 5 (50%)	(0)	7 (70%) (0)	8 (80%) (0)	6 (60%) (0)	(10) 3 (30%)
SPECIAL SENSES SYSTEM						
Harderian Gland Infiltration Cellular, Mononuclear Cell Inflammation, Chronic Active	(10) 1 (10%)	(0)	(0)	(0)	(0)	(10) 1 (10%) 1 (10%)
URINARY SYSTEM						

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Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					1 (10%)
Mineralization	6 (60%)					6 (60%)
Nephropathy	10 (100%)					10 (100%)

*** END OF MALE ***

Fischer 344-Taconic RATS FEMALE	0 mg/kg	2 mg/kg	4 mg/kg	8 mg/kg	16 mg/kg	32 mg/kg
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						
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Parasite Metazoan	1 (10%)					
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation				1 (10%)		
Hepatodiaphragmatic Nodule	2 (20%)	3 (30%)	2 (20%)	3 (30%)	2 (20%)	1 (10%)
Inflammation, Chronic Active	10 (100%)	1 (10%)	2 (20%)	2 (20%)	2 (20%)	10 (100%)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Acinus, Atrophy	2 (20%)					1 (10%)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 (10%)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	10 (100%)					9 (90%)
ENDOCRINE SYSTEM						
Thyroid Gland	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell						1 (10%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(10)	(0)	(0)	(1)	(0)	(10)
Left, Cyst				1 (100%)		

Fischer 344-Taconic RATS FEMALE	0 mg/kg	2 mg/kg	4 mg/kg	8 mg/kg	16 mg/kg	32 mg/kg
Left, Inflammation				1 (100%)		
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Histiocyte						1 (10%)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Histiocytic						5 (50%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte						1 (10%)
Inflammation, Chronic Active	2 (20%)					6 (60%)
Interstitialium, Inflammation, Chronic Active		2 (20%)	6 (60%)	3 (30%)	5 (50%)	
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active						2 (20%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	3 (30%)					1 (10%)
SPECIAL SENSES SYSTEM						
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						2 (20%)
Inflammation, Chronic Active	1 (10%)					3 (30%)
URINARY SYSTEM						

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Fischer 344-Taconic RATS FEMALE	0 mg/kg	2 mg/kg	4 mg/kg	8 mg/kg	16 mg/kg	32 mg/kg
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Lipocyte	1 (10%)					
Infiltration Cellular, Mononuclear Cell	1 (10%)					
Mineralization	7 (70%)					7 (70%)
Nephropathy	3 (30%)					
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					1 (10%)

*** END OF REPORT ***