

TDMS No. 93027 - 41
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/SD

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

Peroxisome project (2,4-Dichlorophenoxyacetic acid)

CAS Number: 94-75-7

Date Report Requested: 06/24/2009

Time Report Requested: 13:52:47

First Dose M/F: 02/23/95 / NA

Lab: BAT

F1_Rev1_R8

C Number: C93027C
Lock Date: 06/12/1996
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.1.0

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SPRAGUE-DAWLEY RATS MALE	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 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						1 (10%)
Infiltration Cellular, Mononuclear Cell	1 (10%)	1 (10%)			1 (10%)	
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic				1 (10%)		
Acinar Cell, Atrophy					1 (10%)	
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(10)
Mineralization	1 (10%)	8 (80%)	6 (60%)	6 (60%)	9 (90%)	9 (90%)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(0)
Cardiomyopathy	6 (60%)					
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Hypertrophy, Focal	1 (10%)			1 (10%)		
Zona Glomerulosa, Vacuolization Cytoplasmic		1 (10%)	1 (10%)	1 (10%)	1 (10%)	1 (10%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Preputial Gland	(10)	(10)	(9)	(8)	(9)	(10)
Inflammation, Chronic	8 (80%)	10 (100%)	7 (78%)	7 (88%)	6 (67%)	8 (80%)
Prostate	(10)	(0)	(0)	(0)	(0)	(0)

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

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SPRAGUE-DAWLEY RATS MALE	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
Inflammation, Chronic Testes Atrophy	1 (10%) (10)	(10)	(10)	(10)	(10)	(10)
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
Bone Maxilla, Inflammation, Chronic	(10) 1 (10%)	(0)	(0)	(0)	(0)	(0)
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung Hemorrhage Infiltration Cellular, Histiocyte Inflammation Inflammation, Chronic Alveolus, Infiltration Cellular, Histiocyte	(10) 1 (10%) 1 (10%) 1 (10%)	(0)	(0)	(1) 1 (100%)	(0)	(0)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney Nephropathy Corticomedullary Junction, Renal Tubule,	(10) 6 (60%)	(10) 9 (90%) 1 (10%)	(10) 9 (90%) 5 (50%)	(10) 10 (100%) 5 (50%)	(10) 7 (70%) 9 (90%)	(10) 4 (40%) 10 (100%)

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Regeneration						

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SPRAGUE-DAWLEY RATS MALE

2500 PPM

Disposition Summary

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

ALIMENTARY SYSTEM

Liver	(10)
Clear Cell Focus	
Infiltration Cellular, Mononuclear Cell	
Pancreas	(10)
Inflammation, Chronic	
Acinar Cell, Atrophy	
Stomach, Glandular	(10)
Mineralization	9 (90%)

CARDIOVASCULAR SYSTEM

Heart	(10)
Cardiomyopathy	3 (30%)

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Hypertrophy, Focal	
Zona Glomerulosa, Vacuolization Cytoplasmic	2 (20%)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Preputial Gland	(10)
Inflammation, Chronic	10 (100%)
Prostate	(10)

SPRAGUE-DAWLEY RATS MALE	2500 PPM
Inflammation, Chronic Testes Atrophy	(10) 1 (10%)
HEMATOPOIETIC SYSTEM	
None	
INTEGUMENTARY SYSTEM	
None	
MUSCULOSKELETAL SYSTEM	
Bone Maxilla, Inflammation, Chronic	(10)
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
Lung Hemorrhage Infiltration Cellular, Histiocyte Inflammation Inflammation, Chronic Alveolus, Infiltration Cellular, Histiocyte	(10) 1 (10%) 2 (20%) 1 (10%)
SPECIAL SENSES SYSTEM	
None	
URINARY SYSTEM	
Kidney Nephropathy Corticomedullary Junction, Renal Tubule,	(10) 2 (20%) 10 (100%)

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2500 PPM

Regeneration

*** END OF MALE ***

*** END OF REPORT ***