

Experiment Number: 93027-44
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

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

Test Compound: Peroxisome project (2,4-Dichlorophenoxyacetic acid)
CAS Number: 94-75-7

Date Report Requested: 10/17/2014
Time Report Requested: 16:34:26
First Dose M/F: NA / NA
Lab: BAT

C Number: C93027C
Lock Date: 06/12/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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B6C3F1 Mouse MALE	0 PPM	12 PPM	28 PPM	83 PPM	250 PPM	700 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						
Esophagus	(10)	(0)	(0)	(0)	(0)	(0)
Gallbladder	(9)	(0)	(0)	(0)	(0)	(0)
Inflammation	1 (11%)					
Mineralization	1 (11%)					
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(0)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(0)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(0)
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Mineralization					1 (10%)	
Necrosis, Focal	1 (10%)	1 (10%)	1 (10%)	1 (10%)		1 (10%)
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(0)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(0)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(0)

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

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Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(0)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(0)
Parathyroid Gland Cyst	(8)	(0)	(0)	(0)	(0)	(0)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(0)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(0)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(0)
Preputial Gland Inflammation, Chronic	(10)	(10)	1 (10%)	(10)	(10)	(10)
Prostate	(10)	(0)	(0)	(0)	(0)	(0)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(0)
Testes Interstitial Cell, Hyperplasia	(10)	(10)	(10)	(10)	1 (10%)	(10)
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(0)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(0)
Spleen	(10)	(0)	(0)	(0)	(0)	(0)
Thymus	(10)	(0)	(0)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM						
Mammary Gland	(1)	(0)	(0)	(0)	(0)	(0)
Skin	(10)	(0)	(0)	(0)	(0)	(0)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(0)
NERVOUS SYSTEM						

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B6C3F1 Mouse MALE	0 PPM	12 PPM	28 PPM	83 PPM	250 PPM	700 PPM
Brain	(10)	(0)	(0)	(0)	(0)	(0)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(0)
Nose	(10)	(0)	(0)	(0)	(0)	(0)
Trachea	(10)	(0)	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Corticomed Jct, Renal Tubule, Regeneration						
Nephropathy	1 (10%)			2 (20%)	2 (20%)	
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(0)

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Lab: BAT

B6C3F1 Mouse MALE	1680 PPM
Disposition Summary	
Animals Initially In Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10
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ALIMENTARY SYSTEM	
Esophagus	(10)
Gallbladder	(10)
Inflammation	1 (10%)
Mineralization	
Intestine Large, Cecum	(10)
Intestine Large, Colon	(10)
Intestine Large, Rectum	(10)
Intestine Small, Duodenum	(10)
Intestine Small, Ileum	(10)
Intestine Small, Jejunum	(10)
Liver	(10)
Mineralization	
Necrosis, Focal	1 (10%)
Pancreas	(10)
Salivary Glands	(10)
Stomach, Forestomach	(10)
Stomach, Glandular	(10)
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CARDIOVASCULAR SYSTEM	
Heart	(10)
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ENDOCRINE SYSTEM	
Adrenal Cortex	(10)

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B6C3F1 Mouse MALE	1680 PPM
Adrenal Medulla	(10)
Islets, Pancreatic	(10)
Parathyroid Gland	(9)
Cyst	2 (22%)
Pituitary Gland	(10)
Thyroid Gland	(10)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Epididymis	(10)
Preputial Gland	(10)
Inflammation, Chronic	
Prostate	(10)
Seminal Vesicle	(10)
Testes	(10)
Interstitial Cell, Hyperplasia	

HEMATOPOIETIC SYSTEM

Lymph Node, Mandibular	(10)
Lymph Node, Mesenteric	(8)
Spleen	(10)
Thymus	(10)

INTEGUMENTARY SYSTEM

Mammary Gland	(0)
Skin	(10)

MUSCULOSKELETAL SYSTEM

Bone	(10)
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NERVOUS SYSTEM

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B6C3F1 Mouse MALE	1680 PPM
Brain	(10)
RESPIRATORY SYSTEM	
Lung	(10)
Nose	(10)
Trachea	(10)
SPECIAL SENSES SYSTEM	
None	
URINARY SYSTEM	
Kidney	(10)
Corticomed Jct, Renal Tubule, Regeneration	9 (90%)
Nephropathy	
Urinary Bladder	(10)

**** END OF REPORT ****