

Experiment Number: 88122-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

Test Compound: Elmiron (sodium pentosanpolysulfate)
CAS Number: 37319-17-8

Date Report Requested: 10/22/2014
Time Report Requested: 01:46:53
First Dose M/F: NA / NA
Lab: BAT

C Number:	C88122
Lock Date:	11/13/1996
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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B6C3F1 Mouse MALE	0 MG/KG	63 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 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						
Esophagus	(10)	(0)	(0)	(0)	(0)	(9)
Inflammation, Focal	1 [1.0]					1 [1.0]
Gallbladder	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation	1 [2.0]					
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte				3 [1.0]	3 [1.7]	10 [2.6]
Inflammation						8 [1.3]
Ulcer						2 [1.5]
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(2)	(0)	(10)	(10)	(10)
Clear Cell Focus					1	1
Inflammation	5 [1.0]	2 [1.0]		7 [1.0]	6 [1.0]	10 [1.5]
Vacuolization Cytoplasmic					4 [1.0]	9 [1.2]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)

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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B6C3F1 Mouse MALE	0 MG/KG	63 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Inflammation						1 [1.0]
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(7)	(0)	(0)	(0)	(0)	(5)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation						1 [1.0]
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(8)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte		1 [1.0]	3 [1.0]	9 [1.1]	10 [1.1]	8 [1.5]
Inflammation, Suppurative				1 [1.0]		
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)	(10)
Ectasia				1 [2.0]		

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B6C3F1 Mouse MALE	0 MG/KG	63 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Infiltration Cellular, Histiocyte Inflammation, Suppurative Spleen	(10)	(0)	4 [1.0]	10 [1.3]	10 [1.1]	10 [1.4]
Infiltration Cellular, Histiocyte Thymus	(10)	(0)	(0)	(0)	(0)	1 [1.0] 9 [1.0] (9)
INTEGUMENTARY SYSTEM						
Mammary Gland	(1)	(0)	(0)	(0)	(0)	(0)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation						1 [1.0]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(1)	(1)	(0)	(0)	(10)
Nephropathy		1 [1.0]	1 [1.0]			2 [1.0]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

END OF MALE DATA

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

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 Lab: BAT

B6C3F1 Mouse FEMALE	0 MG/KG	63 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice				1		
Survivors						
Terminal Sacrifice	10	10	10	9	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(1)	(0)	(10)
Inflammation, Focal	2 [1.0]					4 [1.0]
Gallbladder	(10)	(0)	(0)	(1)	(0)	(10)
Inflammation, Acute						1 [1.0]
Intestine Large, Cecum	(10)	(0)	(0)	(1)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(1)	(0)	(10)
Intestine Large, Rectum	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte					3 [2.0]	10 [2.6]
Inflammation					1 [1.0]	7 [1.1]
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(1)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(1)	(0)	(10)
Liver	(10)	(5)	(5)	(8)	(10)	(10)
Inflammation	8 [1.0]	5 [1.0]	5 [1.0]	7 [1.0]	7 [1.1]	9 [1.3]
Necrosis				1 [2.0]		1 [1.0]
Vacuolization Cytoplasmic						2 [1.0]
Pancreas	(10)	(0)	(0)	(1)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(1)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(1)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(1)	(0)	(10)

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CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(1)	(0)	(10)
Heart	(10)	(0)	(0)	(1)	(0)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(1)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(1)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(1)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(1)	(0)	(10)
Cyst						1 [3.0]
Pituitary Gland	(10)	(0)	(0)	(1)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(1)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(1)	(0)	(10)
Ovary	(10)	(0)	(0)	(1)	(0)	(10)
Uterus	(10)	(0)	(0)	(1)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(1)	(0)	(10)
Lymph Node, Mandibular	(10)	(10)	(10)	(9)	(10)	(9)
Infiltration Cellular, Histiocyte			2 [1.5]	7 [1.1]	9 [1.3]	9 [2.1]
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte			1 [1.0]	10 [1.2]	10 [1.7]	10 [1.6]
Spleen	(10)	(0)	(0)	(10)	(10)	(10)
Hematopoietic Cell Proliferation				2 [2.5]		
Infiltration Cellular, Histiocyte					4 [1.0]	10 [1.0]
Lymph Follic, Atrophy				1 [1.0]		

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Thymus	(10)	(0)	(0)	(1)	(0)	(10)
Atrophy				1 [3.0]		
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(1)	(0)	(9)
Skin	(10)	(0)	(0)	(1)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(1)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(1)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(1)	(0)	(10)
Interstitial, Inflammation						1 [1.0]
Pigmentation, Hemosiderin						1 [1.0]
Nose	(10)	(0)	(0)	(1)	(0)	(10)
Trachea	(10)	(0)	(0)	(1)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(1)	(0)	(10)
Casts Protein				1 [2.0]		
Nephropathy						1 [1.0]
Renal Tubule, Accumulation, Hyaline Droplet				1 [2.0]		
Urinary Bladder	(10)	(0)	(0)	(1)	(0)	(10)

**** END OF REPORT ****

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