

Experiment Number: 99013-02
Test Type: 7-WEEK PERINATAL
Route: DOSED FEED
Species/Strain: Rat/F 344/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: Styrene-acrylonitrile trimer
CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014
Time Report Requested: 15:12:58
First Dose M/F: NA / NA
Lab: BAT

C Number:	C99013
Lock Date:	04/22/2003
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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F 344/N Rat MALE	0_PPM PUPS	250 PPM PUPS	500 PPM PUPS	1000 PPM PUPS	2000 PPM PUPS	4000 PPM PUPS
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice						1
Survivors						
Terminal Sacrifice	10	10	10	10	10	9
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Depletion Glycogen						1 [4.0]
Fatty Change	6 [1.2]	2 [1.0]		2 [1.0]	2 [1.0]	9 [2.2]
Hematopoietic Cell Proliferation	3 [1.3]	5 [1.0]	7 [1.0]	5 [1.0]	3 [1.0]	9 [1.0]
Hepatocyte, Atrophy						1 [3.0]
Hepatodiaphragmatic Nodule	2	1				2
Inflammation, Chronic Active	1 [1.0]	5 [1.0]	1 [1.0]	1 [1.0]	9 [1.0]	4 [1.0]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(10)	(10)	(10)
Atrophy					2 [2.0]	10 [2.9]
Prostate	(10)	(0)	(0)	(0)	(10)	(10)
Atrophy						8 [1.0]

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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F 344/N Rat MALE	0_PPM PUPS	250 PPM PUPS	500 PPM PUPS	1000 PPM PUPS	2000 PPM PUPS	4000 PPM PUPS
Inflammation					1 [1.0]	
Seminal Vesicle	(10)	(0)	(0)	(10)	(10)	(10)
Atrophy				1 [1.0]	10 [1.1]	10 [2.0]
Testes	(10)	(0)	(0)	(10)	(10)	(10)
Germinal Epith, Hypoplasia	1 [1.0]				10 [1.6]	10 [2.1]
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(0)	(0)	(10)	(10)	(10)
Hematopoietic Cell Proliferation	10 [1.3]			10 [1.1]	10 [1.8]	10 [2.2]
Lymph Follic, Depletion Cellular						7 [1.6]
Thymus	(10)	(0)	(0)	(0)	(10)	(10)
Atrophy						9 [2.0]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
Skeletal Muscle	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy						1 [2.0]
NERVOUS SYSTEM						
Brain	(10)	(6)	(7)	(3)	(9)	(3)
Brain, Cerebrum	(0)	(4)	(3)	(7)	(1)	(7)
Developmental Malformation		4 [1.0]	3 [1.0]	7 [1.0]	1 [1.0]	7 [1.6]
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(10)	(10)	(10)	(10)

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Atrophy						10 [1.1]
Mineralization			1 [1.0]			1 [1.0]
Nephropathy	6 [1.0]		7 [1.0]	3 [1.0]	1 [1.0]	1 [1.0]

END OF MALE DATA

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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)	(0)	(10)	(10)	(10)	(10)
Fatty Change				2 [1.0]	1 [1.0]	10 [2.0]
Hematopoietic Cell Proliferation	3 [1.0]		1 [1.0]	5 [1.0]	4 [1.0]	8 [1.0]
Hepatodiaphragmatic Nodule	4		1	1	3	3
Inflammation, Chronic Active	4 [1.0]		4 [1.0]	4 [1.0]	3 [1.0]	
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy	4 [1.0]	8 [1.0]	7 [1.0]	7 [1.0]	10 [1.2]	10 [1.9]
Uterus	(10)	(0)	(0)	(10)	(10)	(10)
Atrophy					9 [2.0]	10 [2.3]
Vagina	(10)	(10)	(10)	(10)	(10)	(9)
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(0)	(0)	(10)	(10)	(10)

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Hematopoietic Cell Proliferation	10 [1.0]			10 [1.0]	10 [1.5]	10 [2.4]
Lymph Follic, Depletion Cellular					3 [1.0]	5 [1.4]
Thymus Atrophy	(10)	(0)	(0)	(0)	(10)	(10)
						7 [1.6]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
Skeletal Muscle	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(9)	(5)	(8)	(9)	(8)	(3)
Brain, Cerebrum	(1)	(5)	(2)	(1)	(2)	(7)
Developmental Malformation	1 [1.0]	5 [1.0]	2 [1.0]	1 [1.0]	2 [1.0]	7 [1.1]
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(10)	(10)
Atrophy						8 [1.0]
Mineralization						1 [1.0]
Nephropathy	3 [1.0]				2 [1.0]	

**** END OF REPORT ****

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