

Experiment Number: 99013 - 02

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

Date Report Requested: 08/31/2016

Test Type: 7-WEEK PERINATAL

Route: DOSED FEED

Species/Strain: RATS/F 344/N

Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Time Report Requested: 13:02:10

First Dose M/F: 11/19/02 / 11/20/02

Lab: BAT

NTP Study Number: C99013
Lock Date: 04/22/2003
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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FISCHER 344 RATS MALE	0_PPM PUPS	250 PPM PUPS	500 PPM PUPS	1000 PPM PUPS	2000 PPM PUPS	4000 PPM PUPS
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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]
Hepatodiaphragmatic Nodule	2	1				2
Inflammation, Chronic Active Hepatocyte, Atrophy	1 [1.0]	5 [1.0]	1 [1.0]	1 [1.0]	9 [1.0]	4 [1.0]
						1 [3.0]

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Epididymis	(10)	(0)	(0)	(10)	(10)	(10)
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FISCHER 344 RATS MALE	0_PPM PUPS	250 PPM PUPS	500 PPM PUPS	1000 PPM PUPS	2000 PPM PUPS	4000 PPM PUPS
Atrophy					2 [2.0]	10 [2.9]
Prostate	(10)	(0)	(0)	(0)	(10)	(10)
Atrophy						8 [1.0]
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 Epithelium, 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]
Lymphoid Follicle, 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)	(10)	(10)	(10)	(10)	(10)
Cerebrum, Developmental Malformation		4 [1.0]	3 [1.0]	7 [1.0]	1 [1.0]	7 [1.6]
RESPIRATORY SYSTEM						

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Lab: BAT

FISCHER 344 RATS MALE	0_PPM PUPS	250 PPM PUPS	500 PPM PUPS	1000 PPM PUPS	2000 PPM PUPS	4000 PPM PUPS
None						
<hr/>						
SPECIAL SENSES SYSTEM						
None						
<hr/>						
URINARY SYSTEM						
Kidney	(10)	(0)	(10)	(10)	(10)	(10)
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 ***

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Lab: BAT

FISCHER 344 RATS FEMALE

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

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]

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Vagina	(10)	(10)	(10)	(10)	(10)	(9)
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(0)	(0)	(10)	(10)	(10)
Hematopoietic Cell Proliferation	10 [1.0]			10 [1.0]	10 [1.5]	10 [2.4]
Lymphoid Follicle, Depletion Cellular					3 [1.0]	5 [1.4]
Thymus	(10)	(0)	(0)	(0)	(10)	(10)
Atrophy						7 [1.6]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
Skeletal Muscle	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(10)	(10)	(10)	(10)	(10)
Cerebrum, 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						

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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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