

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Styrene-acrylonitrile trimer
CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5	5	5	5	5
	0_PPM PUPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0					
* TOTALS															

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Fatty Change		1		2	1		1		1	1	6 1.2
Hematopoietic Cell Proliferation						1	2			1	3 1.3
Hepatodiaphragmatic Nodule				X	X						2
Inflammation, Chronic Active										1	1 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
Germinal Epithelium, Hypoplasia									1		1 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5	5	5	5	5
	0_PPM PUPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	1	0
														* TOTALS	

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1	1	2	1	2	1	2	1	1	1	1	1	1	10 1.3
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
-----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Nephropathy		1		1	1		1	1		1		1		1	6 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS MALE		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5
	250 PPM PUPS	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Fatty Change	1										2 1.0
Hematopoietic Cell Proliferation	1	1			1				1	1	5 1.0
Hepatodiaphragmatic Nodule							X				1
Inflammation, Chronic Active		1			1	1		1		1	5 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC NODULE

NONE

INTEGUMENTARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	5	
		0	0	0	0	0	0	0	0	0	0	
250 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	
* TOTALS												

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
Cerebrum, Developmental Malformation	1		1						1	1	4 1.0

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5	5	5	5
500 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	3	3
		1	2	3	4	5	6	7	8	9	0			
													* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1					1	1	1	1	1			7 1.0
Inflammation, Chronic Active				1										1 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5	5	5	5
	500 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	3	3	
		1	2	3	4	5	6	7	8	9	0	0	0	
* TOTALS														

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	10
Cerebrum, Developmental Malformation			1	1			1					3 1.0

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	10
Mineralization											1	1 1.0
Nephropathy		1	1	1	1	1		1	1			7 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	4	4
		1	2	3	4	5	6	7	8	9	9	9	9	0	0
														* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Fatty Change													1	1	2 1.0
Hematopoietic Cell Proliferation				1	1	1				1	1				5 1.0
Inflammation, Chronic Active	1														1 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
Atrophy													1		1 1.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	5	
1000 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	4	
		1	2	3	4	5	6	7	8	9	0	
											* TOTALS	
Hematopoietic Cell Proliferation		1	1	1	2	1	1	1	1	1	1	10 1.1

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+		10
Cerebrum, Developmental Malformation	1	1	1	1	1	1		1				7 1.0

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+		10
Nephropathy			1	1					1			3 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE		0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	5	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0	
* TOTALS												

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10	
Fatty Change						1		1				2 1.0
Hematopoietic Cell Proliferation	1	1				1						3 1.0
Inflammation, Chronic Active	1	1		1	1	1	1	1	1	1		9 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Atrophy				2				2				2 2.0
Prostate	+	+	+	+	+	+	+	+	+	+	10	
Inflammation		1										1 1.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Atrophy	1	1	2	1	1	1	1	1	1	1		10 1.1
Testes	+	+	+	+	+	+	+	+	+	+	10	

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1		
FISCHER 344 RATS MALE	5	5	5	5	5	5	5	5	5	5		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
2000 PPM PUPS	4	4	4	4	4	4	4	4	4	5		
	1	2	3	4	5	6	7	8	9	0		
											* TOTALS	
Germinal Epithelium, Hypoplasia	1	1	2	2	2	1	2	2	2	1	10	1.6
HEMATOPOIETIC SYSTEM												
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	2	1	2	1	2	2	2	2	1	3	10	1.8
Thymus	+	+	+	+	+	+	+	+	+	+	10	
INTEGUMENTARY SYSTEM												
NONE												
MUSCULOSKELETAL SYSTEM												
NONE												
NERVOUS SYSTEM												
Brain	+	+	+	+	+	+	+	+	+	+	10	
Cerebrum, Developmental Malformation							1				1	1.0
RESPIRATORY SYSTEM												
NONE												
SPECIAL SENSES SYSTEM												
NONE												
URINARY SYSTEM												

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	
2000 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	5	
		1	2	3	4	5	6	7	8	9	0
* TOTALS											
Kidney		+	+	+	+	+	+	+	+	+	10
Nephropathy									1		1 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	1	1	1	1	1	1	1	1	1
		3	5	5	5	5	5	5	5	5	5
	4000 PPM PUPS	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		5	5	5	5	5	5	5	5	5	6
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Depletion Glycogen	4										1 4.0
Fatty Change		2	3	3	2	1	3	2	2	2	9 2.2
Hematopoietic Cell Proliferation		1	1	1	1	1	1	1	1	1	9 1.0
Hepatodiaphragmatic Nodule				X		X					2
Inflammation, Chronic Active				1	1			1		1	4 1.0
Hepatocyte, Atrophy	3										1 3.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Atrophy	3	3	3	2	3	3	3	3	3	3	10 2.9
Prostate	+	+	+	+	+	+	+	+	+	+	10
Atrophy	1	1	1		1	1		1	1	1	8 1.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	ANIMAL ID
	0	0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS MALE	0	1	1	1	1	1	1	1	1	1	
4000 PPM PUPS	3	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											

Atrophy	3	2	2	1	2	2	2	1	3	2	10	2.0
Testes	+	+	+	+	+	+	+	+	+	+	10	
Germinal Epithelium, Hypoplasia	2	2	2	2	2	2	3	2	2	2	10	2.1

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	2	2	2	2	3	2	2	3	3	10	2.2
Lymphoid Follicle, Depletion Cellular	2				1	3	1	1	2	1	7	1.6
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Atrophy	4	2	2		1	2	2	2	1	2	9	2.0

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10	
Atrophy	2										1	2.0

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10	
Cerebrum, Developmental Malformation			3	1	1		2	1	1	2	7	1.6

RESPIRATORY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		0	1	1	1	1	1	1	1	1	1	1	1	1
		3	5	5	5	5	5	5	5	5	5	5	5	5
4000 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0
		5	5	5	5	5	5	5	5	5	5	5	6	6
		1	2	3	4	5	6	7	8	9	0			

*** TOTALS**

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10		
Atrophy	2	1	1	1	1	1	1	1	1	1		10	1.1
Mineralization										1		1	1.0
Nephropathy										1		1	1.0

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE		1	1	1	1	1	1	1	1	1	1	1	1	1	1
0 PPM PUPS		5	5	5	5	5	5	5	5	5	5	5	5	5	5
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		6	6	6	6	6	6	6	6	6	6	6	6	7	7
		1	2	3	4	5	6	7	8	9	0				
* TOTALS															

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation		1	1			1					3 1.0
Hepatodiaphragmatic Nodule	X		X				X			X	4
Inflammation, Chronic Active		1		1	1				1		4 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy		1		1			1		1		4 1.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Spleen	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	-----------

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS FEMALE	1	1	1	1	1	1	1	1	1	1	
0 PPM PUPS	5	5	5	5	5	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	7	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1	1	1	10 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
INTEGUMENTARY SYSTEM											
NONE											
MUSCULOSKELETAL SYSTEM											
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10
NERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
Cerebrum, Developmental Malformation								1			1 1.0
RESPIRATORY SYSTEM											
NONE											
SPECIAL SENSES SYSTEM											
NONE											
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy			1	1					1		3 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5	5	5	5	5
	250 PPM PUPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	8	8	
	1	2	3	4	5	6	7	8	9	0					
* TOTALS															

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+					10
Atrophy	1	1	1	1	1	1	1		1						8 1.0
Vagina	+	+	+	+	+	+	+	+	+	+					10

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5
	250 PPM PUPS	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		7	7	7	7	7	7	7	7	7	8
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
Cerebrum, Developmental Malformation	1		1	1		1	1				5 1.0

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 99013 - 02

Test Type: 7-WEEK PERINATAL

Route: DOSED FEED

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016

Time Report Requested: 13:02:10

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

Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	
	500 PPM PUPS										
ANIMAL ID	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	9	
	1	2	3	4	5	6	7	8	9	0	
* TOTALS											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation				1							1 1.0
Hepatodiaphragmatic Nodule										X	1
Inflammation, Chronic Active			1		1			1	1		4 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	1	1	1				1	1	1	1	7 1.0
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	5	
		0	0	0	0	0	0	0	0	0	0	
500 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		8	8	8	8	8	8	8	8	9		
		1	2	3	4	5	6	7	8	9		0
* TOTALS												

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
Cerebrum, Developmental Malformation					1				1		2 1.0

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE		1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5
1000 PPM PUPS		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	1
		9	9	9	9	9	9	9	9	9	0
		1	2	3	4	5	6	7	8	9	0
* TOTALS											

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Fatty Change	1					1					2 1.0
Hematopoietic Cell Proliferation	1	1					1	1		1	5 1.0
Hepatodiaphragmatic Nodule						X					1
Inflammation, Chronic Active		1	1	1					1		4 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	1	1		1		1	1		1	1	7 1.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	
		0	0	0	0	0	0	0	0	0	
1000 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	
		9	9	9	9	9	9	9	9	0	
		1	2	3	4	5	6	7	8	9	
* TOTALS											

Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation	1	1	1	1	1	1	1	1	1	1	10 1.0

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10
Cerebrum, Developmental Malformation				1							1 1.0

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5
	<hr/>										
		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	
2000 PPM PUPS		0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0
	* TOTALS										

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10
Fatty Change								1			1 1.0
Hematopoietic Cell Proliferation	1	1			1					1	4 1.0
Hepatodiaphragmatic Nodule		X				X		X			3
Inflammation, Chronic Active			1	1		1					3 1.0

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	1	1	1	1	1	1	1	2	1	10 1.2
Uterus	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	2	2		2	1	2	2	2	3	9 2.0
Vagina	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5
	<hr/>										
		0	0	0	0	0	0	0	0	0	0
2000 PPM PUPS		0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1
		0	0	0	0	0	0	0	0	0	1
		1	2	3	4	5	6	7	8	9	0
		1	2	3	4	5	6	7	8	9	0

*** TOTALS**

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	2	1	1	1	3	2	1	1	1	2		10 1.5
Lymphoid Follicle, Depletion Cellular	1	1				1						3 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10	

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10	
Cerebrum, Developmental Malformation							1	1				2 1.0

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy						1			1			2 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	0	0	0	0
FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	5	5	5	5	5	5
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4000 PPM PUPS	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	2	0
		1	2	3	4	5	6	7	8	9	0				
														* TOTALS	

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	10		
Fatty Change	2	3	2	3	2	1	2	2	2	1		10	2.0
Hematopoietic Cell Proliferation	1			1	1	1	1	1	1	1		8	1.0
Hepatodiaphragmatic Nodule	X	X		X									3

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary	+	+	+	+	+	+	+	+	+	+	10		
Atrophy	2	2	2	2	1	2	2	2	2	2		10	1.9
Uterus	+	+	+	+	+	+	+	+	+	+	10		
Atrophy	2	3	3	2	2	2	2	3	2	2		10	2.3
Vagina	M	+	+	+	+	+	+	+	+	+	9		

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	FISCHER 344 RATS FEMALE	1	1	1	1	1	1	1	1	1
4000 PPM PUPS	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

*** TOTALS**

Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	2	2	3	2	3	3	2	2	3	2		10 2.4
Lymphoid Follicle, Depletion Cellular	2		1			2	1	1				5 1.4
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Atrophy	2		1	1		3		1	2	1		7 1.6

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	10	
-----------------	---	---	---	---	---	---	---	---	---	---	-----------	--

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	10	
Cerebrum, Developmental Malformation			1	1	1		1	2	1	1		7 1.1

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	10	
--------	---	---	---	---	---	---	---	---	---	---	-----------	--

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Styrene-acrylonitrile trimer
 CAS Number: SANTRIMER2

Date Report Requested: 08/31/2016
 Time Report Requested: 13:02:10
 First Dose M/F: 11/19/02 / 11/20/02
 Lab: BAT

		0	0	0	0	0	0	0	0	0	0	
FISCHER 344 RATS FEMALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	5	5	
	4000 PPM PUPS	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	1	2	
		1	2	3	4	5	6	7	8	9	0	
											* TOTALS	
Atrophy		1		1		1	1	1	1	1	1	8 1.0
Mineralization		1										1 1.0

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked