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

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer CAS Number: SANTRIMER2 Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 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

# Route: DOSED FEED

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

#### CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N												
F 344/N Rat Male 0_PPM PUPS	DAY ON TEST ANIMAL ID	<i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>0</i> <i>0</i> <i>0</i> <i>0</i> <i>0</i> <i>1</i>	0 0 1 5 0 0 0 0 2	0 0 1 5 0 0 0 0 3	0 0 1 5 0 0 0 0 4	0 0 1 5 0 0 0 0 5	0 0 1 5 0 0 0 0 0 6	0 0 1 5 0 0 0 0 7	0 0 1 5 0 0 0 0 8	0 0 1 5 0 0 0 0 9	0 0 1 5 0 0 0 0 1 0	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Route: DOSED FEED

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Male 0_PPM PUPS	DAY ON TEST ANIMAL ID	0 0 1 5 0 0										
		0 0 1	0 0 2	0 0 3	0 0 4	0 0 5	0 0 6	0 0 7	0 0 8	0 0 9	0 1 0	*TOTALS
Musculoskeletal System												
Skeletal Muscle Nervous System		+	+	+	+	+	+	+	+	+	+	10
Brain <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	10
NONE Special Senses System												
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N												
F 344/N Rat Male 250 PPM PUPS	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 0 1 1	0 0 1 5 0 0 0 0 1 2	0 0 1 5 0 0 0 0 1 3	0 0 1 5 0 0 0 0 1 4	0 0 1 5 0 0 0 0 1 5	0 0 1 5 0 0 0 1 6	0 0 1 5 0 0 0 0 1 7	0 0 1 5 0 0 0 0 1 8	0 0 1 5 0 0 0 0 1 9	0 0 1 5 0 0 0 2 0	*TOTALS_
Alimentary System								-				
Liver Cardiovascular System NONE Endocrine System		+	+	+	+	+	+	+	+	+	+	10
NONE General Body System												
NONE Genital System												
NONE Hematopoietic System												
NONE Integumentary System												
NONE Musculoskeletal System												
NONE Nervous System												
Brain			+		+	+	+	+	+			6
<ul> <li>*Total animals with tissue examined microscopical</li> <li>+Tissue examined microscopical</li> <li>XLesion present</li> <li>IInsufficient tissue</li> </ul>		Tota	l anim	nals w	vith tu	imor						MMissing tissue AAutolysis precludes evaluation BLANKNot examined microscopically

### Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

#### CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Male 250 PPM PUPS	DAY ON TEST ANIMAL ID	<i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>0</i> <i>0</i> <i>0</i> <i>1</i> <i>1</i>	<i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>0</i> <i>0</i> <i>0</i> <i>1</i> <i>2</i>	0 0 1 5 0 0 0 1 3	0 0 1 5 0 0 0 1 4	0 0 1 5 0 0 0 1 5	0 0 1 5 0 0 0 1 6	0 0 1 5 0 0 0 1 7	0 0 1 5 0 0 0 1 8	0 0 1 5 0 0 0 0 1 9	0 0 1 5 0 0 0 2 0	*TOTALS
Brain, Cerebrum <b>Respiratory System</b>		+		+						+	+	4
NONE Special Senses System												
NONE Urinary System												
NONE Systemic lesions												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N												
F 344/N Rat Male 500 PPM PUPS	DAY ON TEST ANIMAL ID	<i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>0</i> <i>0</i> <i>0</i> <i>2</i> <i>1</i>	0 0 1 5 0 0 0 2 2	0 0 1 5 0 0 0 2 3	0 0 1 5 0 0 0 2 4	0 0 1 5 0 0 0 2 5	0 0 1 5 0 0 0 2 6	0 0 1 5 0 0 0 0 2 7	0 0 1 5 0 0 0 2 8	0 0 1 5 0 0 0 0 2 9	0 0 1 5 0 0 0 0 3 0	*TOTALS
Alimentary System		1	2	5	4	5	0	1	0	9	U	TOTALO
Liver Cardiovascular System NONE Endocrine System		+	+	+	+	+	+	+	+	+	+	10
NONE General Body System												
NONE Genital System												
NONE Hematopoietic System												
NONE Integumentary System												
NONE Musculoskeletal System												
NONE Nervous System												
Brain		+	+			+	+		+	+	+	7
<ul> <li>*Total animals with tissue examined microscopic</li> <li>+Tissue examined microscopic</li> <li>XLesion present</li> <li>IInsufficient tissue</li> </ul>		Tota	l anim	nals v	vith tu	imor						MMissing tissue AAutolysis precludes evaluation BLANKNot examined microscopically

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

#### CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 First Dose M/F: NA / NA Lab: BAT

opecies/orialit. Rain 544/R												
F 344/N Rat Male 500 PPM PUPS	DAY ON TEST	0 0 1 5										
	ANIMAL ID	0 0 2 1	0 0 2 2	0 0 2 3	0 0 2 4	0 0 2 5	0 0 2 6	0 0 2 7	0 0 2 8	0 0 2 9	0 0 3 0	*TOTALS
Brain, Cerebrum Respiratory System				+	+			+				3
NONE Special Senses System NONE												
Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:32 First Dose M/F: NA / NA Lab: BAT

Species/Strain. Rater 544/N												
F 344/N Rat Male 1000 PPM PUPS	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
	ANIMAL ID	0 0 0 3 1	0 0 0 3 2	0 0 3 3	0 0 0 3 4	0 0 0 3 5	0 0 0 3 6	0 0 0 3 7	0 0 3 8	0 0 0 3 9	0 0 0 4 0	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
Spleen Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												
NONE												

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Male 1000 PPM PUPS	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 0										
		3	3	3	34	35	36	3	3	39	4	*TOTALS
Nervous System			2	5	4	5	0	1	0	9		TOTALO
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	3 7
NONE Special Senses System												
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

Species/Strain. Rat/F 344/N												
F 344/N Rat Male 2000 PPM PUPS	DAY ON TEST	0 0 1 5										
2000 FFM F0F5	ANIMAL ID	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	9 0 0 4 6	0 0 0 4 7	0 0 0 4 8	0 0 0 4 9	0 0 0 5 0	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N												
F 344/N Rat Male 2000 PPM PUPS	DAY ON TEST ANIMAL ID	0 1 5	0 0 1 5 0 0									
		0 4 1	0 4 2	0 4 3	0 4 4	0 4 5	0 4 6	0 4 7	0 4 8	0 4 9	0 5 0	*TOTALS
Musculoskeletal System												
NONE Nervous System												
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	9 1
NONE Special Senses System												
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

 $^{\star}\,$  ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

Species/Strain. Rater 544/1												
F 344/N Rat Male 4000 PPM PUPS	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 0	
4000 PPM PUPS	ANIMAL ID	5 0 0 0 5 2	5 0 0 5 3	5 0 0 0 5 4	5 0 0 5 5	5 0 0 5 6	5 0 0 5 7	5 0 0 5 8	5 0 0 0 5 9	5 0 0 0 6 0	3 0 0 0 5 1	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

												1	
	DAY ON TEST	0	0	0	0	0	0	0	0	0	0		
F 344/N Rat Male		0 1	0 1	0 1	0 1	0 1	01	0 1	0 1	0 1	0		
4000 PPM PUPS		5	5	5	5	5	5	5	5	5	3		
	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		
		5 2	5 3	5 4	5 5	5 6	5 7	5 8	5 9	6 0	5	*TOTALS	
Musculoskeletal System													
Skeletal Muscle		+	+	+	+	+	+	+	+	+	+	10	
Nervous System													
Brain		+				+					+	3	
Brain, Cerebrum			+	+	+		+	+	+	+		7	
Respiratory System													
NONE													
Special Senses System													
NONE													
Urinary System													
Kidney		+	+	+	+	+	+	+	+	+	+	10	
SYSTEMIC LESIONS													
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10	
								***	ENE	00	FΝ	IALE DATA***	

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Route: DOSED FEED

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N											itan	
F 344/N Rat Female 0 PPM PUPS	DAY ON TEST	0 0 1 5										
	ANIMAL ID	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	*TOTALS
Alimentary System		-										
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus Vagina		+	+	+ +	10 10							
Hematopoietic System		Ŧ	Ŧ	Ŧ	Ŧ	Ŧ	т	Ŧ	Ŧ	Ŧ	Ŧ	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

### Route: DOSED FEED Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

#### CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 0 PPM PUPS	DAY ON TEST ANIMAL ID	<i>0</i> <i>0</i> <i>1</i> <i>5</i> 0 0 0 6 1	0 0 1 5 0 0 0 6 2	0 0 1 5 0 0 0 6 3	0 0 1 5 0 0 0 6 4	0 0 1 5 0 0 0 6 5	0 0 1 5 0 0 0 6 6	0 0 1 5 0 0 0 6 7	0 0 1 5 0 0 0 6 8	0 0 1 5 0 0 0 6 9	0 0 1 5 0 0 0 7 0	*TOTALS
Skeletal Muscle Nervous System		+	+	+	+	+	+	+	+	+	+	10
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	9 1
NONE Special Senses System												
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 250 PPM PUPS	DAY ON TEST	0 0 1 5										
	ANIMAL ID	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 7 5	0 0 0 7 6	0 0 0 7 7	0 0 0 7 8	0 0 0 7 9	0 0 0 8 0	*TOTALS
Alimentary System												
NONE Cardiovascular System												
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary Vagina <b>Hematopoietic System</b>		+ +	10 10									
NONE Integumentary System												
NONE Musculoskeletal System												
NONE Nervous System												
	ined microscopically;											

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

# Route: DOSED FEED

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

#### **CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 250 PPM PUPS	DAY ON TEST	0 0 1 5 0 0 0 7 1	0 0 1 5 0 0 0 7 2	0 0 1 5 0 0 0 7 3	0 0 1 5 0 0 0 7 4	0 0 1 5 0 0 0 7 5	<i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>0</i> <i>0</i> <i>0</i> <i>7</i> <i>6</i>	0 0 1 5 0 0 0 7 7 7	0 0 1 5 0 0 0 7 8	0 0 1 5 0 0 0 7 9	0 0 1 5 0 0 0 8 0	*TOTALS	6
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+		5 5
NONE Special Senses System													
NONE Urinary System													
NONE Systemic lesions													
Multiple Organ		+	+	+	+	+	+	+	+	+	+	1	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Route: DOSED FEED

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
500 PPM PUPS	ANIMAL ID	5 0 0 8 1	3 0 0 0 8 2	5 0 0 8 3	5 0 0 0 8 4	5 0 0 8 5	5 0 0 8 6	3 0 0 0 8 7	5 0 0 8 8	5 0 0 8 9	5 0 0 9 0	*TOTALS
Alimentary System					-				0	<u> </u>		1017(20
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Vagina Hematopoietic System		+	+	+	+	+	+	+	+	+	+	10
NONE Integumentary System												
NONE Musculoskeletal System												
NONE Nervous System												

\* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 A ..Autolysis precludes evaluation
 X ..Lesion present
 BLANK ..Not examined microscopically
 I ..Insufficient tissue

Species/Strain: Rat/F 344/N

Route: DOSED FEED

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 500 PPM PUPS	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 0 8 1	0 0 1 5 0 0 0 8 2	0 0 1 5 0 0 0 8 3	0 0 1 5 0 0 0 8 4	0 0 1 5 0 0 0 8 5	0 0 1 5 0 0 0 8 6	0 0 1 5 0 0 0 8 7	0 0 1 5 0 0 0 8 8	0 0 1 5 0 0 0 8 9	0 0 1 5 0 0 0 9 0	*TOTALS
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	8 2
NONE Special Senses System												
NONE Urinary System												
NONE Systemic Lesions												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

# Route: DOSED FEED

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N												
F 344/N Rat Female 1000 PPM PUPS	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
	ANIMAL ID	0 0 9 1	0 0 9 2	0 0 9 3	0 0 0 9 4	0 0 9 5	0 0 9 6	0 0 0 9 7	0 0 9 8	0 0 9 9	0 0 1 0 0	*TOTALS
Alimentary System						•	•	•	•	•		
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Vagina <b>Hematopoietic System</b>		+	+	+	+	+	+	+	+	+	+	10
Spleen Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE Musculoskeletal System												
NONE												

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

# Route: DOSED FEED

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

### CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 1000 PPM PUPS	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 0 9 1	0 0 1 5 0 0 0 9 2	0 0 1 5 0 0 0 9 3	0 0 1 5 0 0 0 9 4	0 0 1 5 0 0 0 9 5	0 0 1 5 0 0 0 9 6	0 0 1 5 0 0 0 9 7	0 0 1 5 0 0 0 9 8	0 0 1 5 0 0 0 9 9	0 0 1 5 0 0 0 1 0 0	*TOTALS
Nervous System		_ <b>.</b>										
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	9 1
NONE Special Senses System												
NONE Urinary System												
NONE Systemic lesions												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

 $^{\star}\,$  ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

# Route: DOSED FEED

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N												
F 344/N Rat Female	DAY ON TEST	0 0 1										
2000 PPM PUPS	ANIMAL ID	1 5 0 0										
		1 0 1	1 0 2	1 0 3	1 0 4	1 0 5	1 0 6	1 0 7	1 0 8	1 0 9	1 1 0	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Vagina		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE												

Musculoskeletal System

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

### Route: DOSED FEED Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

### **CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

-													
F 344/N Rat Female	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5		
2000 PPM PUPS	ANIMAL ID	0 0 1 0	3 0 1 0 2	3 0 1 0 3	3 0 1 0 4	3 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	3 0 1 1 0	*TOTALS	
NONE Nervous System		1			1	-							-
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	8 2	
NONE Special Senses System													
NONE Urinary System													
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10	I
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10	I

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

# Route: DOSED FEED

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

**CAS Number:** SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

Species/Strain: Rat/F 344/N												
F 344/N Rat Female 4000 PPM PUPS	DAY ON TEST	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	0 0 1 5	
	ANIMAL ID	0 0 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	*TOTALS
Alimentary System												
Liver Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Vagina		Μ	+	+	+	+	+	+	+	+	+	9
Hematopoietic System												
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus Integumentary System		+	+	+	+	+	+	+	+	+	+	10
NONE												

Musculoskeletal System

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

### P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

CAS Number: SANTRIMER2

Date Report Requested: 10/19/2014 Time Report Requested: 15:13:33 First Dose M/F: NA / NA Lab: BAT

F 344/N Rat Female 4000 PPM PUPS	DAY ON TEST ANIMAL ID	0 0 1 5 0 0 1 1	0 0 1 5 0 0 1 1	0 0 1 5 0 0 1 1	0 0 1 5 0 0 1 1	0 0 1 5 0 0 1 1	<i>0</i> <i>0</i> <i>1</i> <i>5</i> <i>0</i> <i>0</i> <i>1</i> <i>1</i>	0 0 1 5 0 0 1 1	0 0 1 5 0 0 1 1	0 0 1 5 0 0 1 1	0 0 1 5 0 0 1 2	*TOTALS
Skeletal Muscle Nervous System		1 +	2+	3 +	4 +	5 +	6 +	7 +	8 +	9 +	0 +	10 101 10
Brain Brain, Cerebrum <b>Respiratory System</b>		+	+	+	+	+	+	+	+	+	+	3 7
NONE Special Senses System												
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+ * EN	+ ND	+ OF	10 REPORT **

\* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue