P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014
Time Report Requested: 00:41:47

Test Type: 18-WEEK PN Route: DOSED FEED

C Number:

**Cage Range:** 

CAS Number: SANTRIMER2

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/F 344/N

C99013

**Lock Date:** 02/18/2004

All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

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**Test Compound:** Styrene-acrylonitrile trimer

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

Test Type: 18-WEEK PN

CAS Number: SANTRIMER2

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

Lab: BAT

F 344/N Rat Male 0 PPM	DAY ON TEST  ANIMAL ID	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 0 3	0 9 2 0 0 0 0 0 4	0 9 2 0 0 0 0 5	0 9 2 0 0 0 0 0 6	0 9 2 0 0 0 0 0 7	0 9 2 0 0 0 0 0 8	0 9 2 0 0 0 0 9	0 9 2 0 0 0 1	*TOTALS
Alimentary System												
Esophagus		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Pancreas		+	+	+	+	+	+	+	+	+	+	10
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

**CAS Number:** SANTRIMER2

First Dose M/F: NA / NA

Lab: BAT

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0 PPM	DAY ON TEST  ANIMAL ID	0 9 2 0 0 0 0	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 0 3	0 9 2 0 0 0 0 0 4	0 9 2 0 0 0 0 0 5	0 9 2 0 0 0 0 0 6	0 9 2 0 0 0 0 7	0 9 2 0 0 0 0 0 8	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 1	*TOTALS
Thyroid Gland General Body System		+	+	+	+	+	+	+	+	+	+	10
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node			+									1
Lymph Node, Mandibular		М	М	М	М	М	М	М	М	M	М	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10

Musculoskeletal System

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

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X ..Lesion present

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Test Type: 18-WEEK PN Route: DOSED FEED

**CAS Number:** SANTRIMER2

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0 PPM	DAY ON TEST  ANIMAL ID	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 0 3	0 9 2 0 0 0 0 0 4	0 9 2 0 0 0 0 5	0 9 2 0 0 0 0 0 6	0 9 2 0 0 0 0 7	0 9 2 0 0 0 0 0 8	0 9 2 0 0 0 0 0	0 9 2 0 0 0 0 1	*TOTALS
Bone		+	+	+	+	+	+	+	+	+	+	10
Nervous System												
Brain		+	+	+	+	+	+	+	+	+	+	10
Respiratory System												
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10
Urinary System												
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

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Date Report Requested: 10/22/2014

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First Dose M/F: NA / NA

Lab: BAT

Test Type: 18-WEEK PN

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

**CAS Number:** SANTRIMER2

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male 100 PPM

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

Musculoskeletal System

NONE

**Nervous System** 

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

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Test Type: 18-WEEK PN

**Test Compound:** Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

Route: DOSED FEED

**CAS Number:** SANTRIMER2

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male 100 PPM

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

M ..Missing tissue

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<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

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Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

**CAS Number:** SANTRIMER2

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

Test Type: 18-WEEK PN

DAY ON TEST

F 344/N Rat Male PPM

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

Musculoskeletal System

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

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Test Type: 18-WEEK PN

Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

Route: DOSED FEED

**CAS Number:** SANTRIMER2

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male 200 PPM

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

CAS Number: SANTRIMER2

Species/Strain: Rat/F 344/N

Test Type: 18-WEEK PN

Route: DOSED FEED

DAY ON TEST

F 344/N Rat Male 400 PPM

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

Musculoskeletal System

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 18-WEEK PN

Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

Route: DOSED FEED

**CAS Number:** SANTRIMER2

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male 400 PPM

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

CAS Number: SANTRIMER2

Test Type: 18-WEEK PN
Route: DOSED FEED

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male 800 PPM

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

Musculoskeletal System

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

Route: DOSED FEED CAS Number: SANTRIMER2

Species/Strain: Rat/F 344/N

Test Type: 18-WEEK PN

DAY ON TEST

F 344/N Rat Male 800 PPM

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

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X ..Lesion present

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Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

Species/Strain: Rat/F 344/N

**CAS Number: SANTRIMER2** 

Date Report Requested: 10/22/2014 Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

F 344/	N Rat Male
1600	PPM

**Alimentary System** 

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	U	U	U	0	U	0	U	0	U	<i>U</i>
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
V VIIVAVI ID	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

10 10 10

10

Esophagus	
Intestine Large, Cecum	
Intestine Large Colon	

Intestine Large, Colon Intestine Large, Rectum Intestine Small, Duodenum Intestine Small, Ileum

Intestine Small, Jejunum Liver

**Pancreas** Salivary Glands

Stomach, Forestomach Stomach, Glandular

**Cardiovascular System** 

Heart

**Endocrine System** 

**Adrenal Cortex** Adrenal Medulla Parathyroid Gland

+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10

#### **Blood Vessel** 10 10

# 10 10

8 Pituitary Gland 10

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

**CAS Number:** SANTRIMER2

Date Report Requested: 10/22/2014

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First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/N Rat Male 1600 PPM	DAY ON TEST	0 0 9 2	0 0 9 2									
	ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	00060	*TOTALS_
Thyroid Gland General Body System		+	+	+	+	+	+	+	+	+	+	10
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular		М	М	М	М	М	М	М	М	М	М	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System												
Bone		+	+	+	+	+	+	+	+	+	+	10

M .. Missing tissue

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Test Type: 18-WEEK PN

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**Test Compound:** Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

First Dose M/F: NA / NA

Lab: BAT

Route: DOSED FEED CAS Number: SANTRIMER2

Species/Strain: Rat/F 344/N

F 344/N Rat Male 1600 PPM	DAY ON TEST  ANIMAL ID	0 9 2 0 0 0 5	0 9 2 0 0 0 5 2	0 9 2 0 0 0 5 3	0 9 2 0 0 0 0 5 4	0 9 2 0 0 0 5 5	0 9 2 0 0 0 5 6	0 9 2 0 0 0 5 7	0 9 2 0 0 0 5 8	0 9 2 0 0 0 5 9	0 9 2 0 0 0 0 6	*TOTALS
Nervous System												
Brain Respiratory System		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea Special Senses System		+	+	+	+	+	+	+	+	+	+	10
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland Urinary System		+	+	+	+	+	+	+	+	+	+	10
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+ ***I	+ = N I F	+	+	10
								ı	ZINL	J		IALE DATA***

M ..Missing tissue

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Species/Strain: Rat/F 344/N

Test Type: 18-WEEK PN

Route: DOSED FEED

CAS Number: SANTRIMER2

Time Report Requested: 00:41:47

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 0 PPM	DAY ON TEST  ANIMAL ID	0 9 2 0 0 0 0 6 1	0 9 2 0 0 0 0 6 2	0 9 2 0 0 0 6 3	0 9 2 0 0 0 0 6 4	0 9 2 0 0 0 6 5	0 9 2 0 0 0 6 6	0 9 2 0 0 0 6 7	0 9 2 0 0 0 6 8	0 9 2 0 0 0 6 9	0 9 2 0 0 0 7 0	*TOTALS
Alimentary System												
Esophagus		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Pancreas		+	+	+	+	+	+	+	+	+	+	10
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		М	+	+	+	М	+	+	М	М	+	6
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

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X ..Lesion present

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

Species/Strain: Rat/F 344/N

**CAS Number:** SANTRIMER2

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

Lab: BAT

		DAY ON TE
F 3	44/N Rat Female	
0	PPM	
		A N I I N A A I

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
AMINAL ID	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

10

10

**General Body System** 

Thyroid Gland

NONE

## **Genital System**

Clitoral Gland

Ontoral Glaria	•	•	•	•	•	•	•	•	•	•	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	M	М	M	M	M	M	M	М	M	М	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Integumentary System											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

Musculoskeletal System

Bone

**Nervous System** 

I .. Insufficient tissue

M .. Missing tissue

10

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

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

Test Type: 18-WEEK PN

Time Report Requested: 00:41:47 **CAS Number:** SANTRIMER2

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Lab: BAT

F 344/N Rat Female 0 PPM	DAY ON TEST  ANIMAL ID	0 9 2 0 0 0 0 6 1	0 9 2 0 0 0 0 6 2	0 9 2 0 0 0 6 3	0 9 2 0 0 0 0 6 4	0 9 2 0 0 0 6 5	0 9 2 0 0 0 6 6	0 9 2 0 0 0 0 6 7	0 9 2 0 0 0 6 8	0 9 2 0 0 0 0 6	0 9 2 0 0 0 7 0	*TOTALS
Brain Respiratory System		+	+	+	+	+	+	+	+	+	+	10
Lung Nose Trachea Special Senses System		+++++	+++++	+++++	+++++	+++++	+++++	+ + +	+++++	+ + +	+++++	10 10 10
Eye Harderian Gland <b>Urinary System</b>		+	+	+	+	+	+	+	+	+	+	10 10
Kidney Urinary Bladder SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10 10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

CAS Number: SANTRIMER2

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/	N Rat	Female
100	PPM	

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
V VIII VVI ID	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
	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

**Alimentary System** 

Liver + + 2

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

**CAS Number:** SANTRIMER2

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

F 344/N Rat Female 100 PPM	DAY ON TEST	0 0 9 2										
	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

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

2 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 18-WEEK PN

**Test Compound:** Styrene-acrylonitrile trimer

Route: DOSED FEED

**CAS Number: SANTRIMER2** 

Species/Strain: Rat/F 344/N

F 344/N Rat Female 200 PPM First Dose M/F: NA / NA Lab: BAT

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:47

										_	
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
AMIMAL ID	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** 

Mesentery + 1

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**CAS Number:** SANTRIMER2

Test Compound: Styrene-acrylonitrile trimer

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:48

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Rat/F 344/N

Test Type: 18-WEEK PN

Route: DOSED FEED

F 344/N Rat Female PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
V VIIIVIVI IL	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
	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

1 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

CAS Number: SANTRIMER2

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:48

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/	N Rat	Female
400	PPM	

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
5711 011 1201	Ŏ	Õ	Õ	Õ	Ö	Õ	Õ	Õ	Õ	Õ	
	ğ	g	g	g	g	g	g	g	g	ğ	
	2	2	2	2	2	2	2	2	2	2	
V VIII V V I I I	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 + 1

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 18-WEEK PN

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

**CAS Number:** SANTRIMER2

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:48

Lab: BAT

Species/Strain: Rat/F 344/N

F 344/N Rat Female PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
AMIMAL 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

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

1 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 18-WEEK PN Test Compound: Styrene-acr

Route: DOSED FEED Species/Strain: Rat/F 344/N Test Compound: Styrene-acrylonitrile trimer CAS Number: SANTRIMER2

First Dose M/F: NA / NA

Lab: BAT

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:48

F 344/N Rat Female 800 PPM

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0 0 1 0	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0

\*TOTALS

**Alimentary System** 

Liver + 1

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

Ovary + 1

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 18-WEEK PN

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

**CAS Number:** SANTRIMER2

Species/Strain: Rat/F 344/N

F 344/N Rat Female PPM

Lab: BAT

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:48

First Dose M/F: NA / NA

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	2	2	2	2	2	2	2	2	2	2	
ANIIMAA ID	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	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	*IOTALS

**Respiratory System** 

NONE

800

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

2 Multiple Organ +

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Styrene-acrylonitrile trimer **CAS Number:** SANTRIMER2

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

Test Type: 18-WEEK PN

Date Report Requested: 10/22/2014 Time Report Requested: 00:41:48

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female 1600 PPM	DAY ON TEST	0 9 2 0 0 1 1	0 9 2 0 0 1 1 2	0 9 2 0 0 1 1 3	0 9 2 0 0 1 1 4	0 9 2 0 0 1 1 5	0 9 2 0 0 1 1 6	0 9 2 0 0 1 1 7	0 9 2 0 0 1 1 8	0 9 2 0 0 1 1	0 9 2 0 0 1 2	*TOTALS
Alimentary System												
Esophagus		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Pancreas		+	+	+	+	+	+	+	+	+	+	10
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	10
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

Test Type: 18-WEEK PN

CAS Number: SANTRIMER2

Species/Strain: Rat/F 344/N

Lab: BAT

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:48

First Dose M/F: NA / NA

F 344/N Rat Female 1600 PPM	DAY ON TEST  ANIMAL ID	0 9 2 0 0 1 1	0 9 2 0 0 1 1 2	0 9 2 0 0 1 1 3	0 9 2 0 0 1 1 4	0 9 2 0 0 1 1 5	0 9 2 0 0 1 1 6	0 9 2 0 0 1 1 7	0 9 2 0 0 1 1 8	0 9 2 0 0 1 1	0 9 2 0 0 1 2 0	*TOTALS
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
General Body System												
NONE												
Genital System												
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	10
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node											+	1
Lymph Node, Mandibular		М	М	М	М	М	М	М	М	М	М	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System												
Bone		+	+	+	+	+	+	+	+	+	+	10

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

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Styrene-acrylonitrile trimer

Route: DOSED FEED

**Nervous System** 

**Respiratory System** 

**Special Senses System** 

Harderian Gland Urinary System

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

Brain

Lung Nose Trachea

Eye

Kidney

Test Type: 18-WEEK PN

**CAS Number:** SANTRIMER2

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 00:41:48

Lab: BAT

F 344/N Rat Female 1600 PPM

Species/Strain: Rat/F 344/N

DAY ON TEST	0 0 9 2	0 0 9 2 0 0	0 0 9 2								
	1 1 1	1 1 2	1 1 3	1 1 4	1 1 5	1 1 6	1 1 7	1 1 8	1 1 9	1 2 0	*TOTALS
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10

I .. Insufficient tissue

M ..Missing tissue

10

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

\*\* END OF REPORT \*\*

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present