Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

C Number: C95003B

Lock Date: 01/08/2003

Cage Range: ΑII

Date Range: ΑII

Reasons For Removal: ΑII

Removal Date Range: ΑII

Treatment Groups: ΑII

Study Gender: Both

PWG Approval Date NONE

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F	344/N	Rat	Male	
V	EHICL	E C	ONTROL	

F 344/N Rat Male	DAY ON TEST	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	
VEHICLE CONTROL	ANIMAL ID	2 0 0 0 0 0	0 0 0 0 0 2	0 0 0 0 0 3	0 0 0 0 0 4	2 0 0 0 0 5	2 0 0 0 0 0 6	0 0 0 0 7	0 0 0 0 0 8	0 0 0 0 0 9	0 0 0 1 0	*TOTALS
Alimentary System				J				,				1017120
Esophagus Intestine Large, Cecum Intestine Large, Colon Intestine Large, Rectum Intestine Small, Duodenum Intestine Small, Ileum Intestine Small, Jejunum Liver Pancreas Salivary Glands Stomach, Forestomach Stomach, Glandular		+ + + + + + + +	+ + + + + + + + + +	+ + + + + + + + + +	+ + + + + + + + + + + + +	+ + + + + + + + + +	+ + + + + + + + + +	+ + + + + + + + + +	+ + + + + + + + + +	+ + + + + + + + + +	+ + + + + + + + +	10 10 10 10 10 10 10 10 10
Tongue Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
Blood Vessel Heart Endocrine System		+	+	+	+	+	+	+	+	+	+	10 10
Adrenal Cortex Adrenal Medulla		+	+	+	+	+ +	+	+	+	+	+	10 10

Islets, Pancreatic

M .. Missing tissue

10

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

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

Skin

10

^{* ..}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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male VEHICLE CONTROL	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 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 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
Musculoskeletal System												
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 SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male 0.025%

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 VIIIVAVI 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
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Alimentary System

Stomach, Glandular + + + + + + + + + + + 10

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

BLANK .. Not examined microscopically

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male 0.025%	DAY ON TEST ANIMAL ID	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 9 2 0 0	0 0 9 2	0 0 9 2	0 9 2 0 0	0 0 9 2	0 0 9 2	
		0 1 1	0 1 2	0 1 3	0 1 4	0 1 5	0 1 6	0 1 7	0 1 8	0 1 9	0 2 0	*TOTALS
Respiratory System												
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone Route: DOSED FEED CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 F 344/N Rat Male 9 2 9 2 9 2 9 9 9 9 9 9 2 2 2 2 2 2 0.05% 0 0 0 0 0 0 0 0 0 0 2 2 0 0 ANIMAL ID Ō 0 0 0 0 2 5 0 0 0 0 2 8 0 0 2 1 0 2 9 0 0 0 0 0 2 2 2 6 2 7 3 *TOTALS **Alimentary System** Stomach, Glandular 10 Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** 3 Lymph Node **Integumentary System** NONE **Musculoskeletal System** NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male 0.05%	DAY ON TEST	0 0 9 2										
	ANIMAL ID	0 0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	0 0 0 2 5	0 0 0 2 6	0 0 0 2 7	0 0 0 2 8	0 0 0 2 9	0 0 0 3 0	*TOTALS
Respiratory System												
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 95003-01 P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone Route: DOSED FEED CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 F 344/N Rat Male 9 2 9 2 9 2 9 2 9 9 9 9 9 2 2 2 2 2 0.1% 0 0 0 0 0 0 0 0 0 3 2 0 0 0 0 3 8 0 ANIMAL ID Ō 0 0 0 0 3 5 0 0 0 0 3 1 0 3 9 0 0 0 0 0 3 3 3 7 3 4 0 *TOTALS **Alimentary System** Stomach, Glandular 10 Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** Lymph Node 1 **Integumentary System** NONE **Musculoskeletal System**

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

+ .. Tissue examined microscopically

X ..Lesion present

NONE
Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Date Report Requested: 10/23/2014 Time Report Requested: 08:18:53

First Dose M/F: NA / NA

Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

												1
F 344/N Rat Male	DAY ON TEST	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
0.1%	ANIMAL ID	0 0 0 3 1	0 0 0 0 3 2	0 0 0 3 3	0 0 0 0 3 4	0 0 0 3 5	0 0 0 3 6	0 0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4 0	*TOTALS
Respiratory System						•	•				•	
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

CAS Number: 1896-62-4

F 344/N	Rat	Male
0.2%		

DAY ON TEST 2 2 2 2 0 0 4 2 ANIMAL ID Ō 0 4 8 4 1 5

*TOTALS

Alimentary System

Stomach, Glandular

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

BLANK .. Not examined microscopically

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male 0.2%	DAY ON TEST	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
	ANIMAL ID	0 0 4 1	0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	0 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
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System Kidney		+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

^{* ..}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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male	DAY ON TEST	0	0 0	0 0	0	0 0	0 0	0	0 0	0 0	0	
0.4%		9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	9 2	
0.470	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	0 0 0 6 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
Tongue		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male 0.4%	DAY ON TEST ANIMAL ID	0 0 9 2										
	ANIIVIAL ID	0 0 5 1	0 0 5 2	0 0 5 3	0 0 5 4	0 0 5 5	0 0 5 6	0 0 5 7	0 0 5 8	0 0 5 9	0 0 6 0	*TOTALS
Parathyroid Gland		М	+	+	+	+	+	+	+	+	+	9
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
General Body System												
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	M	М	M	М	M	М	M	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		М	М	М	М	М	М	М	М	М	М	0
Skin		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Male 0.4%	DAY ON TEST	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	0 0 0 6 0	*TOTALS
Musculoskeletal System												
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	10
Brain Respiratory System		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10
Urinary System												
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder 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

M ..Missing tissue

A .. Autolysis precludes evaluation

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male CONTROL SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male CONTROL SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.025% SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.025% SPECIAL

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

BLANK .. Not examined microscopically

I ..Insufficient tissue

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.05% SPECIAL

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 BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.05% SPECIAL

ANIMAL ID

*TOTALS

0

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.1% SPECIAL

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
BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.1% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.2% SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.2% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

M ..Missing tissueA ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.4% SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.4% SPECIAL

ANIMAL ID

*TOTALS

0

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

END OF MALE DATA

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

Alimentary System

Esophagus

Liver
Pancreas
Salivary Glands
Stomach, Forestomach
Stomach, Glandular

Tongue

Blood Vessel Heart

Endocrine System

Adrenal Cortex

Adrenal Medulla

Islets, Pancreatic

Cardiovascular System

F 344/N	Rat Female
VEHICLE	CONTROL

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

1											
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	<i>0</i> <i>9</i>	<i>0</i> <i>9</i>	9	9	<i>0</i> <i>9</i>	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	
/ ((\ (((((((((((((((((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
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

10

10

10

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female VEHICLE CONTROL	DAY ON TEST	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 0 6 8	0 9 2 0 0 0 0 6	0 9 2 0 0 0 7 0	*TOTALS
Parathyroid Gland		+	+	+	+	+	М	+	+	+	М	8
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
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		M	M	+	M	М	+	M	M	М	M	2
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10

Musculoskeletal System

^{* ..}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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female VEHICLE CONTROL	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 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 0 6 6	0 9 2 0 0 0 0 6 7	0 9 2 0 0 0 0 6 8	0 9 2 0 0 0 0 6 9	0 9 2 0 0 0 7 0	*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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 95003-01 P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone Route: DOSED FEED CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 F 344/N Rat Female 9 2 9 2 9 9 9 9 *9* 2 9 9 2 2 2 2 2 2 0.025% 0 0 0 0 0 0 0 0 0 0 0 7 2 0 ANIMAL ID Õ Ō 0 0 0 7 5 0 0 0 0 7 0 7 8 0 7 0 7 9 0 0 0 0 7 6 7 7 7 8 *TOTALS **Alimentary System** Stomach, Glandular 10 Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** Ovary 1 **Hematopoietic System** Lymph Node 2 **Integumentary System** NONE **Musculoskeletal System**

NONE
Nervous System

NONE

M .. Missing tissue

A ..Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female 0.025%	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 7 1	0 9 2 0 0 0 7 2	0 9 2 0 0 0 7 3	0 9 2 0 0 0 7 4	0 9 2 0 0 0 7 5	0 9 2 0 0 0 7 6	0 9 2 0 0 0 7 7	0 9 2 0 0 0 7 8	0 9 2 0 0 0 7 9	0 9 2 0 0 0 0 8 0	*TOTALS
Respiratory System		•	•	•	•		•	•	•	•		
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 95003-01 P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone Route: DOSED FEED CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Female 2 2 2 0.05% 0 0 ANIMAL ID Õ Ō 8 8 8 1 5 *TOTALS **Alimentary System** Stomach, Glandular Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** Ovary **Hematopoietic System** Lymph Node **Integumentary System** NONE

Musculoskeletal System

NONE
Nervous System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female 0.05%	DAY ON TEST ANIMAL ID	0 9 2 0	0 0 9 2									
	ANIMALID	0 0 8 1	0 0 8 2	0 0 8 3	0 0 8 4	0 0 8 5	0 0 8 6	0 0 8 7	0 0 8 8	0 0 8 9	0 0 9 0	*TOTALS
Respiratory System												
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 95003-01 P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone Route: DOSED FEED CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 F 344/N Rat Female 9 2 9 2 9 2 9 9 9 9 9 9 2 2 2 2 2 2 0.1% 0 0 0 0 0 0 0 0 0 9 2 0 0 0 ANIMAL ID Õ Ō 0 0 0 0 9 5 0 0 0 0 9 1 0 9 8 0 0 0 0 0 1 9 9 9 9 9 0 *TOTALS **Alimentary System** Stomach, Glandular 10 Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** Ovary 1 **Hematopoietic System** Lymph Node 2 **Integumentary System** NONE

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

+ .. Tissue examined microscopically

Musculoskeletal System

X ..Lesion present

NONE
Nervous System

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female 0.1%	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 0 9	0 9 2 0 0 0 0 9 2	0 9 2 0 0 0 9 3	0 9 2 0 0 0 0 9 4	0 9 2 0 0 0 0 9 5	0 9 2 0 0 0 0 9 6	0 9 2 0 0 0 0 9 7	0 9 2 0 0 0 0 9 8	0 9 2 0 0 0 9 9	0 9 2 0 0 1 0 0	*TOTALS
Respiratory System		•										
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 95003-01 P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone Route: DOSED FEED CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 F 344/N Rat Female 9 2 9 2 9 2 9 2 9 9 9 9 9 2 2 2 2 2 2 0.2% 0 0 0 0 0 0 0 0 0 0 1 0 5 0 ANIMAL ID Õ Õ Ō 0 0 0 1 1 1 1 1 1 1 1 1 0 1 0 2 0 3 0 6 0 7 0 8 Ó 0 1 *TOTALS **Alimentary System** Liver 1 Stomach, Glandular 10 **Cardiovascular System** NONE **Endocrine System** NONE **General Body System** NONE **Genital System** Ovary 2 **Hematopoietic System**

NONE

Musculoskeletal System

Integumentary System

NONE

Nervous System

Lymph Node

M ..Missing tissue

3

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female 0.2%	DAY ON TEST	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 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
NONE Respiratory System												
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:54

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female 0.4%	DAY ON TEST ANIMAL ID	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
	/ ((((() () () () () () () ()	0 1 1 1	0 1 1 2	0 1 1 3	0 1 1 4	0 1 1 5	0 1 1 6	0 1 1 7	0 1 1 8	0 1 1 9	0 1 2 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
Tongue		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	М	+	9
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female 0.4%	DAY ON TEST	0 9 2 0 0 1 1	0 9 2 0 0 1	0 9 2 0 0 1 1	0 9 2 0 0 1 2							
		1	2	3	4	5	6	7	8	9	0	*TOTALS
Parathyroid Gland		M	M	M	M	+	M	M	+	+	+	4
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
General Body System												
Tissue NOS		+										1
Genital System												
Clitoral Gland												10
		+	+	+	+	+	+	+	+	+	+	10
Ovary Uterus		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System		т	т	т	т	т	т	т	т	т	т	10
Hematopoletic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node						+		+				2
Lymph Node, Mandibular		M	М	M	M	M	M	M	M	M	M	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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

F 344/N Rat Female 0.4%	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	0 9 2 0 0 1 1 8	0 9 2 0 0 1 1	0 9 2 0 0 1 2	*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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Time Report Requested: 08:18:55

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female **CONTROL SPECIAL**

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 BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female CONTROL SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.025% SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.025% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

M .. Missing tissue

I ..Insufficient tissue

nor

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.05% SPECIAL

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
BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.05% SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.1% SPECIAL

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
BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.1% SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.2% SPECIAL

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
BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.2% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY
Route: DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.4% SPECIAL

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY **Route:** DOSED FEED

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:55

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.4% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

** END OF REPORT **

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissueA ..Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically