Test Type: 90-DAY

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Time Report Requested: 08:19:00

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

C Number: C95003B

Lock Date: 01/08/2003

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

Test Type: 90-DAY

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:19:00

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male VEHICLE CONTROL Alimentary System	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 3	0 9 2 0 0 0 0 4	0 9 2 0 0 0 0 5	0 9 2 0 0 0 0 6	0 9 2 0 0 0 0 7	0 9 2 0 0 0 0 8	0 9 2 0 0 0 0 9	0 9 2 0 0 0 1	*TOTALS
Annentary dystem												
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

^{* ..}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: Methyl trans-styryl ketone

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

Test Type: 90-DAY

CAS Number: 1896-62-4

Lab: MBA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:00

First Dose M/F: NA / NA

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 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 9	0 9 2 0 0 0 0 1	*TOTALS
Parathyroid Gland		M	+	+	M	+	+	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		М	M	М	М	М	М	М	М	М	M	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		М	М	М	М	М	М	M	М	М	М	0

Skin

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Test Type: 90-DAY Route: DOSED FEED

Multiple Organ

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:00

Lab: MBA

F 344/N Rat Male
VEHICLE CONTROL

Species/Strain: Rat/F 344/N

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

Time Report Requested: 08:19:00

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Rat/F 344/N

DAY ON TEST 0 0 0 0 0 F 344/N Rat Male 9 2 9 9 9 9 2 2 2 0.025% 0 0 0 ANIMAL ID

0 0 0 0 0 0 0 0 0 0 0 0 0 9 2 *9* 2 9 9 2 2 2 0 0 0 0 0 0 0 1 2 0 0 Õ Ō 0 0 0 0 1 5 0 0 0 0 1 8 0 0 0 0 0 0 0 1 1 1 7 2 1 1 9

*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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

Time Report Requested: 08:19:00 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: MBA

Species/Strain: Rat/F 344/N

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

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

Experiment Number: 95003-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) 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 9 9 9 *9* 2 9 9 2 2 2 2 2 2 0.05% 0 0 0 0 0 0 0 0 0 2 2 0 0 0 ANIMAL ID Õ Ō 0 0 0 0 2 5 0 0 0 0 2 1 0 2 8 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**

X .. Lesion present

NONE
Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:00

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:00

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

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 95003-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) 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 9 9 9 *9* 2 9 9 2 2 2 2 2 2 0.1% 0 0 0 0 0 0 0 0 0 3 2 0 0 0 ANIMAL ID Õ Ō 0 0 0 0 3 5 0 0 0 0 3 1 0 3 8 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**

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

+ .. Tissue examined microscopically

X .. Lesion present

NONE

NONE **Nervous System**

NONE

Musculoskeletal System

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:00

First Dose M/F: NA / NA

Lab: MBA

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Test Type: 90-DAY
Route: DOSED FEED

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

Lab: MBA

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0.1%	DAY ON TEST	0 0 9 2										
	ANIMAL ID	0 0 0 3 1	0 0 0 3 2	0 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 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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

Time Report Requested: 08:19:01

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0.2%

1				1						
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
	4	4	4	4	4	4	4	4	4	5
	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

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 0.2%	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 4 1	0 9 2 0 0 0 4 2	0 9 2 0 0 0 4 3	0 9 2 0 0 0 4 4	0 9 2 0 0 0 4 5	0 9 2 0 0 0 4 6	0 9 2 0 0 0 4 7	0 9 2 0 0 0 4 8	0 9 2 0 0 0 4 9	0 9 2 0 0 0 5	*TOTALS
Respiratory System Nose		+	+	+	+	+	+	+	+	+	+	10
Special Senses System 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

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

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0.4%	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 5 1	0 9 2 0 0 0 5 2	0 9 2 0 0 0 5 3	0 9 2 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 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

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

ED **CAS Number:** 1896-62-4

Species/Strain: Rat/F 344/N

F 344/N Rat Male 0.4%	DAY ON TEST	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 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 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	М	М	М	М	М	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

^{* ..}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: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

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

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

F 344/N	Rat Male
0.4%	

Species/Strain: Rat/F 344/N

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

*TOTALS

Musculoskeletal Syste	m
Rone	

Nervous System												
Brain	+	+	+	+	+	+	+	+	+	+	10	
Respiratory System												
Lung	+	+	+	+	+	+	+	+	+	+	10	

9	•	•	•	•			•	•	•	•	
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

Special Senses System

Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
Urinary System											

Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											

Multiple Organ	+	+	+	+	+	+	+	+	+	+	10
. 3											

I .. Insufficient tissue

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

M ..Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:19:01

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

Lab: MBA

DAY ON TEST

F 344/N Rat Male CONTROL SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 90-DAY

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Lab: MBA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

DAY ON TEST

F 344/N Rat Male 0.025% SPECIAL

Test Type: 90-DAY

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.05% SPECIAL

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.05% SPECIAL

Test Type: 90-DAY

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

Route: DOSED FEED

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

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

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.1% SPECIAL

Test Type: 90-DAY

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

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

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

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

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

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

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: DOSED FEED CAS Number: 1896-62-4
Species/Strain: Rat/F 344/N

Time Report Requested: 08:19:01 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: MBA

DAY ON TEST

F 344/N Rat Male 0.4% SPECIAL

Test Type: 90-DAY

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

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

DAY ON TEST

F 344/N Rat Male 0.4% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone **CAS Number:** 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

Date Report Requested: 10/23/2014 Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Female VEHICLE CONTROL	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 6 1	0 9 2 0 0 0 6 2	0 9 2 0 0 0 6 3	0 9 2 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
Tongue		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

Test Type: 90-DAY

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

Lab: MBA

F 344/N Rat Female
VEHICLE CONTROL

F 344/N Rat Female VEHICLE CONTROL	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 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
Parathyroid Gland		+	+	+	+	+	М	+	+	+	M	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		М	M	+	М	М	+	М	М	М	M	2
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10

DAY ON TEST A A A A A A A A A

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

CAS Number: 1896-62-4

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

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

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 6 3	0 9 2 0 0 0 0 6 4	0 9 2 0 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 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

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 95003-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) 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 F 344/N Rat Female 9 2 9 2 9 9 9 9 9 9 9 2 2 2 2 2 2 0.025% 0 0 0 0 0 0 0 0 0 7 2 0 0 0 ANIMAL ID Õ Ō 0 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**

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

+ .. Tissue examined microscopically

X .. Lesion present

NONE

NONE
Nervous System

NONE

Musculoskeletal System

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Test Type: 90-DAY Route: DOSED FEED

CAS Number: 1896-62-4

Lab: MBA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

F 344/N	Rat	Female
0.025%		

Species/Strain: Rat/F 344/N

		ı —	ı —	ı —	ı —	ı —	ı —	ı —	ı —	
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
	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Respiratory System

Nose 10

Special Senses System

NONE

Urinary System

Kidney 10

SYSTEMIC LESIONS

Multiple Organ 10

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

Experiment Number: 95003-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) 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 0.05% 0 0 ANIMAL ID Õ Ō 8 8 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

Musculoskeletal System

NONE

NONE
Nervous System

NONE

M ..Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Rat/F 344/N

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

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

Experiment Number: 95003-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) 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 F 344/N Rat Female 9 2 9 2 9 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 Õ Ō 0 0 0 0 0 0 9 5 0 9 8 0 0 9 1 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**

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

+ .. Tissue examined microscopically

X .. Lesion present

Lymph Node

NONE

NONE
Nervous System

NONE

Integumentary System

Musculoskeletal System

I .. Insufficient tissue

M ..Missing tissue

2

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

Time Report Requested: 08:19:01 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: MBA

Species/Strain: Rat/F 344/N

F 344/N Rat Female 0.1%	DAY ON TEST	0 0 9 2										
311,0	ANIMAL ID	0 0 0 9 1	0 0 0 9 2	0 0 0 9 3	0 0 0 9 4	0 0 0 9 5	0 0 0 9 6	0 0 0 9 7	0 0 0 9 8	0 0 0 9 9	0 0 1 0 0	*TOTALS_
Respiratory System												
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

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

Experiment Number: 95003-01 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone Test Type: 90-DAY Route: DOSED FEED CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Female 2 2 0.2% 0 1 0 5 ANIMAL ID Õ Ō 2 3 8 Ó *TOTALS Ó **Alimentary System** Liver Stomach, Glandular Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** Ovary **Hematopoietic System**

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Lymph Node

NONE

NONE
Nervous System

Integumentary System

Musculoskeletal System

M ..Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:01

First Dose M/F: NA / NA

Lab: MBA

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Test Type: 90-DAY Route: DOSED FEED

CAS Number: 1896-62-4

Time Report Requested: 08:19:01 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: MBA

Species/Strain:	Rat/F 344/N	

F 344/N Rat Female 0.2%	DAY ON TEST	0 9 2 0 0 1	0 9 2 0 0 1 0 2	0 9 2 0 0 1 0 3	0 9 2 0 0 1 0 4	0 9 2 0 0 1 0 5	0 9 2 0 0 1 0 6	0 9 2 0 0 1 0 7	0 9 2 0 0 1 0 8	0 9 2 0 0 1 0 9	0 9 2 0 0 1 1	*TOTALS
NONE Respiratory System Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10

I .. Insufficient tissue

Multiple Organ

M .. Missing tissue

10

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 08:19:01 First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: MBA

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 9	0 9 2 0 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

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

Species/Strain: Rat/F 344/N

CAS Number: 1896-62-4

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

Date Report Requested: 10/23/2014 Time Report Requested: 08:19:02

F 344/N Rat Female	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	
0.4%		2	2	2	2	2	2	2	2	2	2	l
	ANIMAL ID	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 1	
		1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	9	2	*TOTALS
Parathyroid Gland		М	М	М	М	+	М	М	+	+	+	4
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
General Body System												
Tissue NOS		+										1
Genital System												
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	10
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node						+		+				2
Lymph Node, Mandibular		М	М	М	М	М	М	М	М	М	M	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10

DAY ON TEST A A A A A A A A A

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

Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

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

CAS Number: 1896-62-4

Time Report Requested: 08:19:02

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

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

 $^{^{\}star}\,$..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)

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:02

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

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:19:02

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female CONTROL SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 90-DAY

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Time Report Requested: 08:19:02

Date Report Requested: 10/23/2014

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.025% SPECIAL

Species/Strain: Rat/F 344/N

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 90-DAY

Route: DOSED FEED

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:02

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.025% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 90-DAY

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: DOSED FEED CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Date Report Requested: 10/23/2014 **Time Report Requested:** 08:19:02

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.05% SPECIAL

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 90-DAY

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:02

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:02

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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:02

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

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

DAY ON TEST

F 344/N Rat Female 0.1% SPECIAL

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 90-DAY

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4

Route: DOSED FEED Species/Strain: Rat/F 344/N Time Report Requested: 08:19:02

First Dose M/F: NA / NA

Date Report Requested: 10/23/2014

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.2% SPECIAL

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 90-DAY

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:02

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Time Report Requested: 08:19:02

Date Report Requested: 10/23/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 0.4% SPECIAL

Species/Strain: Rat/F 344/N

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 90-DAY

Route: DOSED FEED

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/23/2014

Time Report Requested: 08:19:02

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

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 **

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