Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Type: 90-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:31

First Dose M/F: NA / NA

Lab: MBA

C Number: C95003

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: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:31

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male VEHICLE CONTROL	DAY ON TEST ANIMAL ID	0 9 3 0 0 0 0	0 9 3 0 0 0 0 2	0 9 3 0 0 0 0 3	0 9 3 0 0 0 0 4	0 9 3 0 0 0 0 5	0 9 3 0 0 0 0 6	0 9 3 0 0 0 0 7	0 9 3 0 0 0 0 8	0 9 3 0 0 0 0 9	0 9 3 0 0 0 0 1	*TOTALS
Alimentary System												
Esophagus		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Pancreas		+	+	+	+	+	+	+	+	+	+	10
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
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: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:31

Lab: MBA

F 344/N Rat Male
VEHICLE CONTROL

F 344/N Rat Male VEHICLE CONTROL	ANIMAL ID	0 9 3 0 0 0	0 9 3 0 0	0 0 9 3 0 0 0	0 9 3 0 0	0 0 9 3 0 0 0	0 0 9 3 0 0 0	0 9 3 0 0	0 9 3 0 0	0 0 9 3 0 0 0	0 9 3 0 0	
		0	0 2	0 3	0 4	0 5	0	0 7	0	0	1 0	*TOTALS
Parathyroid Gland		М	+	+	+	М	М	М	М	+	М	4
Pituitary Gland		+	+	+	+	+	+	+	- [+	+	9
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					+							1
Lymph Node, Mandibular		М	М	М	М	M	M	M	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

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

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 07:33:31

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male
VEHICLE CONTROL

F 344/N Rat Male VEHICLE CONTROL	ANIMAL ID	0 9 3 0 0 0 0	0 0 9 3 0 0 0 0 0 2	0 9 3 0 0 0 0 3	0 9 3 0 0 0 0 4	0 0 9 3 0 0 0 0 5	0 0 9 3 0 0 0 0 6	0 9 3 0 0 0 0 7	0 9 3 0 0 0 8	0 0 9	0 9 3 0 0 0 1	*TOTALS
Skin		+	+	+	+	+	+	+	+	+	+	10
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

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

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: 95003-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone **Route: SKIN APPLICATION** CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Male 22.0 MG/KG ANIMAL ID Õ Ō 0 1 2 1 8 5 *TOTALS **Alimentary System** Stomach, Glandular Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE **Integumentary System** Skin **Musculoskeletal System**

X .. Lesion present

NONE
Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:31

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

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:31

Lab: MBA

F 344	/N Rat Male
22.0	MG/KG

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
	3	3	3	3	3	3	3	3	3	3
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

Respiratory System

Special Senses System

NONE

Urinary System

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: 95003-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone Test Type: 90-DAY **Route: SKIN APPLICATION** CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Male 44.0 MG/KG 0 0 2 2 ANIMAL ID Ō 0 2 5 0 2 8 2 1 2 9 *TOTALS **Alimentary System** Liver Stomach, Glandular Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE **Integumentary System**

Musculoskeletal System

X .. Lesion present

Skin

NONE
Nervous System

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:31

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 07:33:32 First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Lab: MBA

F 344/N Rat Male 44.0 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 0 2	0 9 3 0 0 0 2 2	0 9 3 0 0 0 2 3	0 9 3 0 0 0 2 4	0 9 3 0 0 0 2 5	0 9 3 0 0 0 2 6	0 9 3 0 0 0 2 7	0 9 3 0 0 0 2 8	0 9 3 0 0 0 2 9	0 9 3 0 0 0 3 0	*TOTALS
NONE Respiratory System Nose		+	+	+	+	+	+	+	+	+	+	10
Special Senses System NONE Urinary System			•	•	•	•	•	•	•	•	•	10
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: 95003-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone **Route: SKIN APPLICATION** CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Male 87.5 MG/KG 0 0 3 2 ANIMAL ID Õ Ō 0 3 5 3 1 3 8 3 9 7 0 *TOTALS **Alimentary System** Stomach, Glandular Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE **Integumentary System** Skin **Musculoskeletal System**

NONE
Nervous System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

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

Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

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	
87.5 MG/KG	ANIMAL ID	MAL ID 0 0 0 0 3 1	3 0 0 0 3 2	3 0 0 0 3 3	3 0 0 0 3 4	3 0 0 0 3 5	3 0 0 0 3 6	3 0 0 0 3 7	3 0 0 0 3 8	3 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

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

M ..Missing tissue

Experiment Number: 95003-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 90-DAY Test Compound: Methyl trans-styryl ketone **Route: SKIN APPLICATION** CAS Number: 1896-62-4 Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Male MG/KG 0 0 ANIMAL ID Õ Ō 4 8 5 7 3 *TOTALS **Alimentary System** Stomach, Glandular Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE **Integumentary System** Skin **Musculoskeletal System**

NONE
Nervous System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 07:33:32

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

E 244/N Bot Molo	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
F 344/N Rat Male 175 MG/KG		9	9	9	9	9	9	9	9	9	9	
175 MG/KG	ANIMAL ID	_	0 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	*TOTALS
Respiratory System		•										1017.20
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Alimentary System

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

Esophagus

Liver
Pancreas
Salivary Glands
Stomach, Forestomach
Stomach, Glandular

Tongue

CAS Number: 1896-62-4

Time Report Requested: 07:33:32 First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Lab: MBA

- 0.4	(ALD 4 M. I	D/(I OI
F 344	I/N Rat Male	
350	MG/KG	
		A NIII

DAY ON TEST	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	
ANIMAL ID	0 0 0 5 1	00052	00053	0 0 0 5 4	00055	00056	0 0 0 5 7	0 0 0 5 8	00059	00060	*TOTALS
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	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

Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 350 MG/KG	DAY ON TEST	0 9 3 0 0 0 5	0 9 3 0 0 0 5 2	0 9 3 0 0 0 5	0 9 3 0 0 0 5	0 9 3 0 0 0 5 5	0 9 3 0 0 0 5	0 9 3 0 0 0 5 7	0 9 3 0 0 0 5	0 9 3 0 0 0 5	0 9 3 0 0 0 6	
		1	•	3	4	•	6	7	8	9	0	*TOTALS
Parathyroid Gland		M	+	+	+	+	+	+	+	+	+	9
Pituitary Gland		+	+	ı	+	+	+	+	+	+	+	9
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	M	М	М	М	M	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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Male 350 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 0 5 1	0 0 9 3 0 0 0 5 2	0 9 3 0 0 0 5 3	0 9 3 0 0 0 5 4	0 9 3 0 0 0 5 5	0 9 3 0 0 0 5 6	0 9 3 0 0 0 5 7	0 9 3 0 0 0 5 8	0 9 3 0 0 0 5 9	0 9 3 0 0 0 6 0	*TOTALS
Musculoskeletal System Bone Nervous System		+	+	+	+	+	+	+	+	+	+	10
Brain Respiratory System		+	+	+	+	+	+	+	+	+	+	10
Lung Nose Trachea		+++++	+ + +	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	10 10 10
Special Senses System Eye Harderian Gland Urinary System		+	+	+	+	+	+	+	+	+	+	10 10
Kidney Urinary Bladder SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10 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: 95003-03 P07: NEOPLASMS BY INDIVIDUAL A

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

Lab: MBA

DAY ON TEST

F 344/N Rat Male CONTROL 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 Type: 90-DAY

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

Route: SKIN APPLICATION CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male TK 22.0 MG/KG

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

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 22.0 MG/KG

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N **CAS Number:** 1896-62-4

Time Report Requested: 07:33:32

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 44.0 MG/KG

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

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 44.0 MG/KG

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

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

Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 87.5 MG/KG

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

Time Report Requested: 07:33:32

CAS Number: 1896-62-4 **Route: SKIN APPLICATION**

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 87.5 MG/KG

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

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 Type: 90-DAY

KINI ADDI ICATIONI

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 175 MG/KG

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

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 **Route: SKIN APPLICATION**

First Dose M/F: NA / NA

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

DAY ON TEST

F 344/N Rat Male MG/KG TK 175

Test Type: 90-DAY

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)

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

DAY ON TEST

F 344/N Rat Male TK 350 MG/KG

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

Route: SKIN APPLICATION CAS Number: 1896-62-4

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male TK 350 MG/KG

Test Type: 90-DAY

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Lab: MBA

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

F 344/N Rat Female
VEHICLE CONTROL

Intestine Large, Cecum

Intestine Large, Colon

Intestine Small, Ileum

Intestine Small, Jejunum

Stomach, Forestomach

Intestine Large, Rectum

Intestine Small, Duodenum

Alimentary System

Esophagus

Liver

Pancreas

Tongue

Salivary Glands

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	<i>9 3</i>										
ANIMAL ID	0 0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	1	2	3	4	5	6	7	8	9	Ó	*TOTALS
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10
	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular S	ystem
------------------	-------

Stomach, Glandular

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10
Endocrine System											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10

M .. Missing tissue

10

10

10

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 07:33:32

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Female VEHICLE CONTROL	DAY ON TEST	0 9 3 0 0 0 6	0 9 3 0 0 0 6 2	0 9 3 0 0 0 6 3	0 9 3 0 0 0 6 4	0 9 3 0 0 0 6 5	0 9 3 0 0 0 6 6	0 9 3 0 0 0 6 7	0 9 3 0 0 0 6 8	0 9 3 0 0 0 6 9	0 9 3 0 0 0 7	*TOTALS
Parathyroid Gland		М	+	+	М	М	М	+	М	М	М	3
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, Mandibular		М	M	М	M	М	М	M	M	М	M	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System												
Bone		+	+	+	+	+	+	+	+	+	+	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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Nervous System

Respiratory System

Special Senses System

Harderian Gland **Urinary System**

Urinary Bladder **SYSTEMIC LESIONS**

Multiple Organ

Brain

Lung Nose Trachea

Eye

Kidney

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

Lab: MBA

F 344/N	Rat	Female	
VEHICL	E CC	ONTROL	-

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

Exper	iment l	Number:	95003-03
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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

First Dose M/F: NA / NA

F 344/	N Rat Female
22.0	MG/KG

Alimentary System

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
	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	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

Annontary Gyotom											
Liver										+	1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System											
NONE											
Endocrine System											

General Body System

Adrenal Cortex

Tissue NOS + 1

Genital System

Hematopoietic System

Lymph Node + 1

Integumentary System

Skin + + + + + + + + + + 10

Musculoskeletal System

NONE

Nervous System

I ..Insufficient tissue

1

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

M ..Missing tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION

Test Type: 90-DAY

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

First Dose M/F: NA / NA

F 344/N Rat Female 22.0 MG/KG	DAY ON TEST	0 9 3 0 0 0 7	0 9 3 0 0 0 7 2	0 9 3 0 0 0 7 3	0 9 3 0 0 0 7 4	0 9 3 0 0 0 7 5	0 9 3 0 0 0 7 6	0 9 3 0 0 0 7 7	0 9 3 0 0 0 7 8	0 9 3 0 0 0 7	0 9 3 0 0 0 8 0	*TOTALS
NONE 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

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

^{+ ..}Tissue examined microscopically

Experiment Number: 95003-03	P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Type: 90-DAY	Test Compound: Methyl trans-styryl ketone
Route: SKIN APPLICATION	CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

F 344	/N Rat Female
44.0	MG/KG

D

Species/Strain: Rat/F 344/N

AY 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
	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Alimentary System

Liver + + + 2
Stomach, Glandular + + + + + + + + + 10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Musculoskeletal System

NONE

Nervous 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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 07:33:32 First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Lab: MBA

F 344	/N Rat Female
44.0	MG/KG

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
VVIIWVI ID	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0

*TOTALS

espiratory	System
------------	---------------

10 Nose

Special Senses System

NONE

NONE

Urinary System

Kidney 10

SYSTEMIC LESIONS

10 Multiple Organ

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: 95003-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:32

First Dose M/F: NA / NA

Lab: MBA

Test Type: 90-DAY **CAS Number:** 1896-62-4 **Route: SKIN APPLICATION**

Species/Strain: Rat/F 344/N

DAY ON TEST	0	0	0	0	0	0	0	0	0	0

F 344/	N	Rat	Female
87.5	V	IG/K	G

JAY ON LEST	U	U	U	U	U	U	U	U	U	U	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	
	9	9	9	9	9	9	9	9	9	0	
	1	2	3	4	5	6	7	8	9	0	

*TOTALS

Alimentary System

Liver 1 Stomach, Glandular 10

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Ovary Uterus Hematopoietic System	+	+	+	+	+	+	+	+	+	+	1 10
Lymph Node Integumentary System					+						1
Skin	+	+	+	+	+	+	+	+	+	+	10

Musculoskeletal System

NONE

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: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat Female 87.5 MG/KG

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

*TOTALS

Nervous System

NONE

Respiratory System

Nose + + + + + + + + + + + 10

Special Senses System

NONE

Urinary System

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

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

Test Type: 90-DAY **Route: SKIN APPLICATION CAS Number:** 1896-62-4

Species/Strain: Rat/F 344/N

F 344/	N Rat Female
175	MG/KG

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

*TOTALS

Liver					+						1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System											

NONE

Endocrine System

Alimentary System

NONE

General Body System

NONE

Genital System

Clitoral Gland							+				1
Uterus	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System											
Lymph Node					+					+	2
Thymus	+										1
Integumentary System											
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

Experiment Numbei	r: 95003-03
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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

Lab: MBA

F 344	/N Rat Female
175	MG/KG

DAY ON TEST	0 0 9	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9	0 0 9 2	0 0 9 2	0 0 9 2
	<u>3</u> 0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	Ö	Ö	Ö	Ö	Ö	0	Ö	Ö	Ö
	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

*TOTALS

NONE

Nervous System

NONE

Respiratory System

Nose + + + + + + + + + + + 10

Special Senses System

NONE

Urinary System

SYSTEMIC LESIONS

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 07:33:33

Date Report Requested: 10/22/2014

First Dose M/F: NA / NA

Lab: MBA

F 344	/N Rat Female
350	MG/KG

F 344/N Rat Female 350 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 1 1	0 9 3 0 0 1 1 2	0 9 3 0 0 1 1 3	0 9 3 0 0 1 1 4	0 9 3 0 0 1 1 5	0 9 3 0 0 1 1 6	0 9 3 0 0 1 1 7	0 9 3 0 0 1 1 8	0 9 3 0 0 1 1 9	0 9 3 0 0 1 2 0	*TOTALS
												4.0
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												

I .. Insufficient tissue

Adrenal Cortex

Adrenal Medulla

Islets, Pancreatic

M .. Missing tissue

10

9

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: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Time Report Requested: 07:33:33 First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Lab: MBA

	5 4 4 6 4 7 5 6 7]
	DAY ON TEST	0	$\begin{vmatrix} 0 \\ 0 \end{vmatrix}$	0	0	$\begin{vmatrix} 0 \\ 0 \end{vmatrix}$	0	0	0	0	0	
F 344/N Rat Female		9	9	9	9	9	9	9	9	9	9	
350 MG/KG		3	3	3	3	3	3	3	3	3	3	
	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
Parathyroid Gland		M	+	M	M	+	+	М	+	+	+	6
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		+			+				+			3
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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

First Dose M/F: NA / NA

F 344	/N Rat Female
350	MG/KG

F 344/N Rat Female 350 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 1 1	0 9 3 0 0 1 1	0 9 3 0 0 1 1 3	0 9 3 0 0 1 1	0 9 3 0 0 1 1 5	0 9 3 0 0 1 1 6	0 9 3 0 0 1 1	0 9 3 0 0 1 1 8	0 9 3 0 0 1 1	0 9 3 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female CONTROL SPECIAL

Species/Strain: Rat/F 344/N

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 90-DAY
Route: SKIN APPLICATION

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 Type: 90-DAY

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

Route: SKIN APPLICATION

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

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

0 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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 22.0 MG/KG

Species/Strain: Rat/F 344/N

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

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 22.0 MG/KG

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 90-DAY

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: 10/22/2014 Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 44.0 MG/KG

Species/Strain: Rat/F 344/N

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 90-DAY
Route: SKIN APPLICATION

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

Route: SKIN APPLICATION CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 44.0 MG/KG

Species/Strain: Rat/F 344/N

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 90-DAY

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 Type: 90-DAY

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 87.5 MG/KG

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 87.5 MG/KG

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 Type: 90-DAY

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

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 175 MG/KG

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 Type: 90-DAY

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

CAS Number: 1896-62-4

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 175 MG/KG

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

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 350 MG/KG

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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 Type: 90-DAY

Test Compound: Methyl trans-styryl ketone

Route: SKIN APPLICATION

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:33

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Female TK 350 MG/KG

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 tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically