Test Type: 90-DAY

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:24

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:24

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

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 1 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

Islets, Pancreatic

M .. Missing tissue

10

10

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

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

F 344/N Rat Male VEHICLE CONTROL	DAY ON TEST ANIMAL ID	0 0 9 3 0 0	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3 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 1	0 0 2	0 0 3	0 0 4	0 0 5	0 0 6	0 0 7	0 0 8	0 0 9	0 1 0	*TOTALS
Parathyroid Gland		M	+	+	+	M	M	M	M	+	M	4
Pituitary Gland		+	+	+	+	+	+	+	I	+	+	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	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

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

Test Type: 90-DAY

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

Lab: MBA

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

F 344/N Rat Male VEHICLE CONTROL	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 5	0 9 3 0 0 0 0 6	0 9 3 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 1 0	*TOTALS_
Skin		+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System												
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	10
Brain		+	+	+	+	+	+	+	+	+	+	10
Respiratory System												
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea Special Senses System		+	+	+	+	+	+	+	+	+	+	10
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

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 P04: NEOPLASMS BY INDIVIDUAL ANIMAL 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 3 22.0 MG/KG 0 0 1 2 ANIMAL ID Õ Ō 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**

NONE
Nervous System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

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

F 344/N Rat Male 22.0 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 0 1 1	0 9 3 0 0 0 1 2	0 9 3 0 0 0 1 3	0 9 3 0 0 0 1 4	0 9 3 0 0 0 1 5	0 9 3 0 0 0 1 6	0 9 3 0 0 0 1 7	0 9 3 0 0 0 1 8	0 9 3 0 0 0 1 9	0 9 3 0 0 0 2 0	*TOTALS
Respiratory System				•		•	•	•	•	•	•	
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 F 344/N Rat Male 9 3 9 9 9 9 9 9 9 9 3 3 3 3 3 3 3 3 3 44.0 MG/KG 0 0 0 0 0 0 0 0 0 0 0 2 2 0 ANIMAL ID Õ Ō 0 0 0 2 5 0 0 0 0 2 8 0 0 2 1 0 2 9 0 0 0 0 0 2 2 2 6 2 3 *TOTALS **Alimentary System** Liver 1 Stomach, Glandular 10 **Cardiovascular System** NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE **Integumentary System**

Musculoskeletal System

Experiment Number: 95003-03

Skin

NONE
Nervous System

M .. Missing tissue

9

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

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 3 44.0 MG/KG 0 0 2 2 0 0 2 5 0 0 2 8 ANIMAL ID Õ Ō 2 1 2 4 0 2 9 6 7 *TOTALS NONE **Respiratory System** Nose **Special Senses System** NONE **Urinary System** Kidney SYSTEMIC LESIONS Multiple Organ

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I ..Insufficient tissue

Experiment Number: 95003-03 P04: NEOPLASMS BY INDIVIDUAL ANIMAL 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

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

+ .. Tissue examined microscopically

X .. Lesion present

Nervous System

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

Lab: MBA

F 344/N Rat Male 87.5 MG/KG

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

Test Type: 90-DAY

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

*TOTALS

10

Nose

Respiratory System

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: 95003-03 P04: NEOPLASMS BY INDIVIDUAL ANIMAL 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 Ō 0 4 8 4 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

X .. Lesion present

Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

BLANK .. Not examined microscopically

Page 11

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

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

F 344/N Rat Male 175 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 0 4	0 9 3 0 0 0 5									
		1	2	3	4	5	6	7	8	9	Ö	*TOTALS
Respiratory System Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

F 344/	N Ra	t Male
350	MG/k	K G

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	l
F 344/N Rat Male		<i>0</i>	9	9	9	0	0	9	9	9	9	l
350 MG/KG		3	3	3	3	3	3	3	3	3	3	l
	ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	00056	0 0 0 5 7	0 0 0 5 8	00059	00000	*TOTALS
Alimentary System												
Esophagus		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Pancreas		+	+	+	+	+	+	+	+	+	+	10
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
Tongue		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

F 344/N Rat Male 350 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 0 5	0 9 3 0 0 0 5	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	***************************************
Parathyroid Gland		1 M	+	3 +	+	+	6 +	+	8 +	9 +	+	*TOTALS
Pituitary Gland		+	+	Ī	+	+	+	+	+	+	+	9
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
General Body System		Т.	т	Т.	Т.	_	Т.	Т.	_	Т.	Т	10
NONE Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular		М	М	М	М	М	М	М	М	М	M	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		М	М	М	М	М	М	М	М	М	М	0
Skin		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

F 344/N Rat Male 350 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 0 5 1	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 0 9 3 0 0 0 6 0	*TOTALS
Musculoskeletal System Bone Nervous System		+	+	+	+	+	+	+	+	+	+	10
Brain Respiratory System		+	+	+	+	+	+	+	+	+	+	10
Lung Nose		+	+	+	+	+	+	+	+	+	++	10 10
Trachea Special Senses System		+	+	+	+	+	+	+	+	+	+	10
Eye Harderian Gland Urinary System		+	+	+	+	+	+	+	+	+	+	10 10
Kidney Urinary Bladder SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10 10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

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

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

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 22.0 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
BLANK ..Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 22.0 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

Test Type: 90-DAY

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 44.0 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

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male TK 44.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 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
BLANK ..Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male 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

Test Type: 90-DAY

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

CAS Number: 1896-62-4

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

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

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Male TK 175 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

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

DAY ON TEST

F 344/N Rat Male MG/KG TK 350

ANIMAL ID

*TOTALS

0

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

END OF MALE DATA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Type: 90-DAY

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

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

F 344/N Rat Fei	male
VEHICLE CONT	TROI

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

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

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Bone

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

Lab: MBA

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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 Genital System								+				1
-												
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	10
Ovary		+	+	+	+	+	+	+	+	+	+	10
Uterus		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular		М	М	М	М	М	M	М	М	М	M	0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	10
Spleen		+	+	+	+	+	+	+	+	+	+	10
Thymus		+	+	+	+	+	+	+	+	+	+	10
Integumentary System												
Mammary Gland		+	+	+	+	+	+	+	+	+	+	10
Skin		+	+	+	+	+	+	+	+	+	+	10
Musculoskeletal System												

M .. Missing tissue

10

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

Lab: MBA

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

Test Type: 90-DAY

F 344/N Rat Female VEHICLE CONTROL	DAY ON TEST ANIMAL ID	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
Nervous System												1017120
Brain Respiratory System		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10
Urinary System												
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:25

First Dose M/F: NA / NA

F 344/	N Rat Female
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
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
		-	-	-	-	-	-	-	-	

| 8 | 9 | 0 | *TOTALS

Liver					
Stomach, Glandular	+	+	+	+	+
Cardiovascular System					
NONE					

Endocrine System

Alimentary System

Adrenal Cortex	+	1

General Body System

Tissue NOS + 1

Genital System

Uterus + + + + + + + + + + + 10

Hematopoietic System

Lymph Node + 1
Integumentary System

integumentary bysten

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

Musculoskeletal System

NONE

Nervous System

I .. Insufficient tissue

M ..Missing tissue

1 10

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

Lab: MBA

F 344/N Rat Female 22.0 MG/KG

Route: SKIN APPLICATION
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	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
V VIII VVI ID	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Respiratory System

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

Special Senses System

NONE

NONE

Urinary System

Kidney + + + + + + + + + + + 10

SYSTEMIC LESIONS

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 P04: NEOPLASMS BY INDIVIDUAL ANIMAL 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 Female 3 44.0 MG/KG 0 0 ANIMAL ID Õ Ō 0 8 8 5 **Alimentary System** Liver Stomach, Glandular **Cardiovascular System**

*TOTALS

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus **Hematopoietic System** Lymph Node **Integumentary System** Skin

Musculoskeletal System

NONE

Nervous System

I .. Insufficient tissue

BLANK .. Not examined microscopically

Page 33

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

M .. Missing tissue

A .. Autolysis precludes evaluation

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

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

Test Type: 90-DAY

F 344/N Rat Female 44.0 MG/KG	DAY ON TEST	0 0 9 3										
	ANIMAL ID	0 0 0 8 1	0 0 0 8 2	0 0 0 8 3	0 0 0 8 4	0 0 0 8 5	0 0 0 8 6	0 0 0 8 7	0 0 0 8 8	0 0 0 8 9	0 0 0 9 0	*TOTALS
NONE Respiratory System												
Nose Special Senses System		+	+	+	+	+	+	+	+	+	+	10
NONE Urinary System												
Kidney SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M .. Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

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

Test Type: 90-DAY

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

*TOTALS

1

10

Stomach, Glandular
Cardiovascular System

NONE

Liver

Endocrine System

Alimentary System

NONE

General Body System

NONE

Genital System

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

Musculoskeletal System

NONE

I ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK ..Not examined microscopically

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

M .. Missing tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

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

F 344/N Rat Female 87.5 MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	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
	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

NONE

Respiratory System

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

Special Senses System

NONE

Urinary System

SYSTEMIC LESIONS

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Type: 90-DAY
Route: SKIN APPLICATION

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Species/Strain: Rat/F 344/N

Lab: MBA

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

F 344/N Rat Female 175 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 1 0	0 9 3 0 0 1 0 2	0 9 3 0 0 1 0 3	0 9 3 0 0 1 0 4	0 9 3 0 0 1 0 5	0 9 3 0 0 1 0 6	0 9 3 0 0 1 0 7	0 9 3 0 0 1 0 8	0 9 3 0 0 1 0 9	0 9 3 0 0 1 1	*TOTALS
Alimentary System Liver Stomach, Glandular Cardiovascular System		+	+	+	+	++	+	+	+	+	+	1 10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Clitoral Gland Uterus Hematopoietic System		+	+	+	+	+	+	+	+	+	+	1 10
Lymph Node Thymus Integumentary System		+				+					+	2 1
Skin Musculoskeletal System		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

F 344/	N Rat Female
175	MG/KG

DAY ON TEST	0	n	0	0	0	0	0	0	n	0]
DAT ON TEST	_	ν Λ	_		_	_	_	-	ν Λ	'n	
	0	U	0	0	0	0	0	0	0	U	
	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]
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

NONE

Nervous System

NONE

Respiratory System

Special Senses System

NONE

Urinary System

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + + + 10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

F 344/N Rat Female MG/KG

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

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

	1 1	2	3	1 4	5	6	7	8	9	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	+	+	+	-1	+	+	+	+	+	+	9
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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

F 344/N Rat Female 350 MG/KG	DAY ON TEST	0 9 3 0 0 1	0 9 3 0 0 1 1	0 9 3 0 0 1 2								
		1	2	3	4	5	6	7	8	9	0	*TOTALS
Parathyroid Gland		M	+	M	M	+	+	M	+	+	+	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		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
Musculoskeletal System												

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 1896-62-4

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

Test Type: 90-DAY

F 344/N Rat Female 350 MG/KG	DAY ON TEST ANIMAL ID	0 9 3 0 0 1	0 9 3 0 0 1 2									
		1	2	3	4	5	6	7	8	9	0	*TOTALS
Bone		+	+	+	+	+	+	+	+	+	+	10
Nervous System												
Brain		+	+	+	+	+	+	+	+	+	+	10
Respiratory System												
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10
Urinary System												
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

M ..Missing tissue

A .. Autolysis precludes evaluation

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

DAY ON TEST

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

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY

Route: SKIN APPLICATION

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

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY

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

Test Compound: Methyl trans-styryl ketone

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female **TK 22.0 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

Test Type: 90-DAY

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

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 22.0 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 tissueA ..Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female TK 44.0 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

Test Type: 90-DAY

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

DAY ON TEST

F 344/N Rat Female TK 44.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

M .. Missing tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 48

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

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 P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

M .. Missing tissue A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

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

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

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

I .. Insufficient tissue

M .. Missing tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 50

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N Test Compound: Methyl trans-styryl ketone

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female MG/KG TK 175

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

BLANK .. Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

CAS Number: 1896-62-4

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

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 90-DAY

Route: SKIN APPLICATION Species/Strain: Rat/F 344/N P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014 Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female 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
BLANK ..Not examined microscopically

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

Route: SKIN APPLICATION

DAY ON TEST

F 344/N Rat Female MG/KG TK 350

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

** END OF REPORT **

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/22/2014

Time Report Requested: 07:33:26

First Dose M/F: NA / NA

Lab: MBA

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