Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 10/23/2014 Time Report Requested: 08:18:22 First Dose M/F: NA / NA Lab: MBA

C Number:	C95003B
Lock Date:	01/08/2003
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Route: DOSED FEED

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:22 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	
VEHICLE CONTROL	ANIMAL ID	2 0 0 0 0 1	2 0 0 0 0 2	2 0 0 0 0 3	2 0 0 0 0 4	2 0 0 0 0 5	2 0 0 0 0 6	2 0 0 0 7	2 0 0 0 0 8	2 0 0 0 0 9	2 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		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:22 First Dose M/F: NA / NA Lab: MBA

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N

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

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:22 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male VEHICLE CONTROL	DAY ON TEST ANIMAL ID	0 0 9 2 0 0 0										
		0 1	02	0 3	0 4	05	0	07	0	09	1	*TOTALS
Musculoskeletal System				-			_					
Bone		+	+	+	+	+	+	+	+	+	+	10
Nervous System												
Brain		+	+	+	+	+	+	+	+	+	+	10
Respiratory System												
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10
Urinary System												
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:22 First Dose M/F: NA / NA Lab: MBA

0.025% Alimentary System Stomach, Glandular Cardiovascular System NONE Endocrine System NONE	ANIMAL ID	2 0	2		2	2	2	2	2	9 2	2		
Stomach, Glandular Cardiovascular System NONE Endocrine System		0 0 1 1	0 0 1 2	2 0 0 0 1 3	0 0 0 1 4	0 0 0 1 5	0 0 0 1 6	0 0 0 1 7	0 0 0 1 8	0 0 0 1 9	0 0 0 2 0	*TOTALS	
Cardiovascular System NONE Endocrine System								1					
Endocrine System		+	+	+	+	+	+	+	+	+	+	10	
NONE													
General Body System													
NONE Genital System													
NONE Hematopoietic System													
NONE Integumentary System													
NONE Musculoskeletal System													
NONE Nervous System													
NONE													
*Total animals with tissue exami													

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male	DAY ON TEST	0 0 9 2	0 0 9 2	0 0 9	0 0 9 2	0 0 9 2	0 0 9	0 0 9	0 0 9	0 0 9 2	0 0 9	
0.05%	ANIMAL ID	2 0 0 2 1	2 0 0 2 2	2 0 0 2 3	2 0 0 2 4	2 0 0 0 2 5	2 0 0 2 6	2 0 0 2 7	2 0 0 2 8	2 0 0 2 9	2 0 0 0 3 0	*TOTALS
Alimentary System		-		-	-		-		-			
Stomach, Glandular Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
NONE Hematopoietic System												
Lymph Node Integumentary System			+		+		+					3
NONE Musculoskeletal System												
NONE Nervous System												
NONE												

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male 0.1%	DAY ON TEST	0 0 9 2										
0.170	ANIMAL ID	0 0 0 3 1	0 0 0 3 2	0 0 0 3 3	0 0 0 3 4	0 0 0 3 5	0 0 0 3 6	0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4 0	*TOTALS
Alimentary System												
Stomach, Glandular Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
NONE Hematopoietic System												
Lymph Node Integumentary System		+										1
NONE Musculoskeletal System												
NONE Nervous System												
NONE												
*Total animals with tissue exan	nined microscopically;	Total	anim	ials w	rith tu	mor						MMissing

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

Species/Strain: Rat/F 344/N										•	• • • •	1110 - 1. 1890-02-4
F 344/N Rat Male 0.2%	DAY ON TEST ANIMAL ID	0 0 9 2 0 0 0										
		4 1	4 2	4 3	4 4	4 5	4 6	4 7	4 8	4 9	5 0	*TOTALS
Alimentary System												
Stomach, Glandular Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
NONE Hematopoietic System												
NONE Integumentary System												
NONE Musculoskeletal System												
NONE Nervous System												
NONE												
*Total animals with tissue exam	ined microscopically:	Total	onim		<i></i>							MMissing

- + .. Tissue examined microscopically
- X ..Lesion present
- I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 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	
0.4%	ANIMAL ID	2 0 0 5 1	2 0 0 5 2	2 0 0 5 3	2 0 0 0 5 4	2 0 0 5 5	2 0 0 5 6	2 0 0 5 7	2 0 0 0 5 8	2 0 0 0 5 9	2 0 0 0 6 0	*TOTALS
Alimentary System												
Esophagus		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Pancreas		+	+	+	+	+	+	+	+	+	+	10
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
Tongue		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male	DAY ON TEST	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
0.4%		9 2 0	9 2 0	9 2 0	9 2 0	9 2 0	9 2 0	9 2 0	9 2 0	9 2 0	9 2 0	
	ANIMAL ID	0 0 5	0 0 5	0 0 5	0 0 5	0 0 0 5	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	
		1	2	3	4	5	6	7	8	9	0	*TOTALS
Parathyroid Gland		М	+	+	+	+	+	+	+	+	+	9
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	10
General Body System												
NONE												
Genital System												
Epididymis		+	+	+	+	+	+	+	+	+	+	10
Preputial Gland		+	+	+	+	+	+	+	+	+	+	10
Prostate		+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	10
Testes		+	+	+	+	+	+	+	+	+	+	10
Hematopoietic System												
Bone Marrow		+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular		М	Μ	Μ	Μ	Μ	Μ	Μ	Μ	Μ	Μ	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

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Male	DAY ON TEST	0 9	0 0 9									
0.4%	ANIMAL ID	2 0 0 5 1	2 0 0 0 5 2	2 0 0 0 5 3	2 0 0 0 5 4	2 0 0 0 5 5	2 0 0 0 5 6	2 0 0 0 5 7	2 0 0 0 5 8	2 0 0 0 5 9	2 0 0 0 6 0	*TOTALS
Musculoskeletal System												
Bone Nervous System		+	+	+	+	+	+	+	+	+	+	10
Brain Respiratory System		+	+	+	+	+	+	+	+	+	+	10
Lung		+	+	+	+	+	+	+	+	+	+	10
Nose		+	+	+	+	+	+	+	+	+	+	10
Trachea		+	+	+	+	+	+	+	+	+	+	10
Special Senses System												
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10
Urinary System												
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder SYSTEMIC LESIONS		+	+	+	+	+	+	+	+	+	+	10
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male CONTROL SPECIAL	DAY ON TEST	*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			

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	11	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGE Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	D) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male	DAY ON TEST		
CONTROL SPECIAL			
	ANIMAL ID	*TOTALS	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic Lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGEI Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	D) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male 0.025% SPECIAL	DAY ON TEST 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			

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N)1	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGI Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	ED) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Male 0.025% SPECIAL			
	ANIMAL ID		
		*TOTALS	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASM	S BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS A Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	ABRIDGED)	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male 0.05% SPECIAL	DAY ON TEST 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					

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	1	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	 Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Male 0.05% SPECIAL			
	ANIMAL ID		
		*TOTALS	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic Lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASM	S BY INDIVIDUAL ANIMAL (SYSTEMIC LESION Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	S ABRIDGED)	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male 0.1% SPECIAL	DAY ON TEST 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					

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	01	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDO Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	GED) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Male 0.1% SPECIAL			
	ANIMAL ID		
		*TOTALS_	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABR Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male 0.2% SPECIAL	DAY ON TEST	*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			

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	01	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDG Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	ED) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Male 0.2% SPECIAL			
	ANIMAL ID		
		*TOTALS	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Male 0.4% SPECIAL	DAY ON TEST 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			

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-07 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	1	P17: NEOPLASI	MS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST			
F 344/N Rat Male 0.4% SPECIAL				
	ANIMAL ID			
		*TOTALS		
Respiratory System				
NONE Special Senses System				
NONE Urinary System				
NONE SYSTEMIC LESIONS				
Multiple Organ		0	***END OF MALE DATA***	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
F 344/N Rat Female		0 9	0 9	0 9	0 9	0 9	0 9	0 9	0 9	0 9	0 9	
VEHICLE CONTROL		2	$\hat{2}$									
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0 0	0	0	0	0	0	0	0	0	0 0	
		6 1	6	6 3	6 4	6 5	6 6	6	6 8	6 9	7 0	*TOTALS
Alimentary System		1		5	4	5			0	3	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												
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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N

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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue A ..Autolysis precludes evaluation

BLANK .. Not examined microscopically

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female VEHICLE CONTROL	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 6 1	0 9 2 0 0 0 0 6 2	0 9 2 0 0 0 6 3	0 9 2 0 0 0 6 4	0 9 2 0 0 0 0 6 5	0 9 2 0 0 0 6 6	0 9 2 0 0 0 0 6 7	0 9 2 0 0 0 6 8	0 9 2 0 0 0 6 9	0 9 2 0 0 0 7 0	*TOTALS
Bone		+	+	+	+	+	+	+	+	+	+	10
Nervous System 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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 0.025%	DAY ON TEST ANIMAL ID	0 0 9 2 0 0										
		0 7 1	0 7 2	0 7 3	0 7 4	0 7 5	0 7 6	0 7 7	0 7 8	0 7 9	0 8 0	*TOTALS
Alimentary System												
Stomach, Glandular Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary Hematopoietic System							+					1
Lymph Node Integumentary System				+					+			2
NONE Musculoskeletal System												
NONE Nervous System												
NONE												

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 BLA

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 0.05%	DAY ON TEST	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	0 0 9 2	
	ANIMAL ID	0 0 8 1	0 0 8 2	0 0 8 3	0 0 0 8 4	0 0 8 5	0 0 8 6	0 0 0 8 7	0 0 8 8	0 0 0 8 9	0 0 9 0	*TOTALS
Alimentary System												
Stomach, Glandular Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary Hematopoietic System								+	+			2
Lymph Node Integumentary System					+				+			2
NONE Musculoskeletal System												
NONE Nervous System												
NONE												

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 A ..Autolysis precludes evaluation
 X ..Lesion present
 BLANK ..Not examined microscopically
 I ..Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:23 First Dose M/F: NA / NA Lab: MBA

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 0.1% Alimentary System	DAY ON TEST ANIMAL ID	0 9 2 0 0 0 9 1	0 9 2 0 0 0 9 2	0 9 2 0 0 0 9 3	0 9 2 0 0 0 9 4	0 9 2 0 0 0 9 5	0 9 2 0 0 0 9 6	0 9 2 0 0 0 9 7	0 9 2 0 0 0 9 8	0 9 2 0 0 0 9 9	0 9 2 0 0 1 0 0	*TOTALS
Stomach, Glandular Cardiovascular System		+	+	+	+	+	+	+	+	+	+	10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary Hematopoietic System			+									1
Lymph Node Integumentary System			+								+	2
NONE Musculoskeletal System												
NONE Nervous System												
NONE												

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

 + ..Tissue examined microscopically
 A ..Autolys

 X ..Lesion present
 BLANK ..Not exa

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female	DAY ON TEST	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	0 0 9	
0.2%	ANIMAL ID	2 0 1 0	2 0 0 1 0	2 0 1 0	2 0 0 1 0	2 0 0 1 0	2 0 1 0	2 0 1 0	2 0 1 0	2 0 0 1 0	2 0 0 1 1	****
Alimentary System		1	2	3	4	5	6	7	8	9	0	*TOTALS
Liver Stomach, Glandular Cardiovascular System		+	+	+	+	+ +	+	+	+	+	+	1 10
NONE Endocrine System												
NONE General Body System												
NONE Genital System												
Ovary Hematopoietic System							+		+			2
Lymph Node Integumentary System					+	+			+			3
NONE Musculoskeletal System												
NONE Nervous System												

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA

Species/Strain: Rat/F 344/N												
F 344/N Rat Female	DAY ON TEST	0 0 9										
0.4%	ANIMAL ID	2 0 1 1 1	2 0 1 1 2	2 0 1 1 3	2 0 1 1 4	2 0 1 1 5	2 0 1 1 6	2 0 1 1 7	2 0 1 1 8	2 0 1 1 9	2 0 0 1 2 0	*TOTALS
Alimentary System												
Esophagus		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	10
Liver		+	+	+	+	+	+	+	+	+	+	10
Pancreas		+	+	+	+	+	+	+	+	+	+	10
Salivary Glands		+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	10
Tongue		+	+	+	+	+	+	+	+	+	+	10
Cardiovascular System												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	10
Heart		+	+	+	+	+	+	+	+	+	+	10
Endocrine System												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla		+	+	+	+	+	+	+	+	Μ	+	9
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA

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

BLANK .. Not examined microscopically

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA

F 344/N Rat Female 0.4%	DAY ON TEST ANIMAL ID	0 9 2 0 0 1 1 1	0 9 2 0 0 1 1 2	0 9 2 0 0 1 1 3	0 9 2 0 0 1 1 4	0 9 2 0 0 1 1 5	0 9 2 0 0 1 1 6	0 9 2 0 0 1 1 7	0 9 2 0 0 1 1 8	0 9 2 0 0 1 1 9	0 9 2 0 0 1 2 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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N Lab: MBA	
DAY ON TEST F 344/N Rat Female CONTROL SPECIAL ANIMAL ID *TOTALS	
Alimentary System	
NONE Cardiovascular System	
NONE Endocrine System	
NONE General Body System	
NONE Genital System	
NONE Hematopoietic System	
NONE Integumentary System	
NONE Musculoskeletal System	
NONE Nervous System	
NONE	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	11	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS AB Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	RIDGED) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Female			
CONTROL SPECIAL			
	ANIMAL ID		
		<u>*TOTALS</u>	
Respiratory System			
NONE			
Special Senses System			
NONE			
Urinary System			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Female 0.025% SPECIAL	DAY ON TEST 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			

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	1	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Female 0.025% SPECIAL			
	ANIMAL ID		
		<u>*TOTALS</u>	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N			DIVIDUAL ANIMAL (SYSTEMIC LESION Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	S ABRIDGED)	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Female 0.05% SPECIAL	DAY ON TEST 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					

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	1	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Female 0.05% SPECIAL			
	ANIMAL ID		
		<u>*TOTALS</u>	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic Lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASM	IS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	ABRIDGED)	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Female 0.1% SPECIAL	DAY ON TEST 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					

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N)1	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDG Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	GED) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Female 0.1% SPECIAL			
	ANIMAL ID		
		<u>*TOTALS</u>	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N		P17: NEOPLASM	S BY INDIVIDUAL ANIMAL (SYSTEMIC LESIO Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	NS ABRIDGED)	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Female 0.2% SPECIAL	DAY ON TEST	*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					

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N)1	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGE Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	D) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
F 344/N Rat Female 0.2% SPECIAL			
	ANIMAL ID		
		*TOTALS_	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic lesions			
Multiple Organ		0	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-01 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N			IVIDUAL ANIMAL (SYSTEMIC LESIO ompound: Methyl trans-styryl ketone CAS Number: 1896-62-4	Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
F 344/N Rat Female 0.4% SPECIAL	DAY ON TEST 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				

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 95003-0 Test Type: 90-DAY Route: DOSED FEED Species/Strain: Rat/F 344/N	1	P17: NEOPLASMS	BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGE Test Compound: Methyl trans-styryl ketone CAS Number: 1896-62-4	ED) Date Report Requested: 10/23/2014 Time Report Requested: 08:18:24 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST			
F 344/N Rat Female 0.4% SPECIAL				
	ANIMAL ID			
		*TOTALS		
Respiratory System				
NONE Special Senses System				
NONE Urinary System				
NONE SYSTEMIC LESIONS				
Multiple Organ		0	** END OF REPORT **	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue