P04: NEOPLASMS BY INDIVIDUAL ANIN
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Methyl trans-styryl ketone CAS Number: 1896-62-4

NTP Study Number:	C95003
Lock Date:	01/08/2003
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	3.0.2.3_002
PWG Approval Date:	NONE

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

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	0093	0 0 9 3	0 0 9 3	0003		
EHICLE CONTROL ANIMAL ID	0 0 0 0	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 7	0 0 0 8	0 0 0 9	0 0 0 1 0	* -	TOTALS
LIMENTARY SYSTEM										1		<u> </u>
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
ARDIOVASCULAR SYSTEM												
Blood Vessel	+	+	+	+	+	+	+	+	+	+		10
<ul> <li>* Total animals with tissue examined mice</li> <li>+ Tissue examined microscopically</li> <li>X Lesion present</li> <li>I Insufficient tissue</li> </ul>	roscop	oically	/; Tot	al ani	mals	with t	umor				M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS MALE	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3							
VEHICLE CONTROL ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 8	0 0 0 9	0 0 0 1 0	* TOTAL
Heart	+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM			-	-	-	-	-			-	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	М	+	+	+	М	М	М	М	+	М	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
* Total animals with tiss	sue examined microscopically; Total animals with tumor M Missing tissue	

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

FISCHER 344 RATS MAL	DAY ON TEST <b>E</b>	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		
VEHICLE CONTROL	ANIMAL ID	0 0 0 0	0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 8	0 0 0 9	0 0 0 1 0		* TOTALS
HEMATOPOIETIC SYSTE	M			-	-	-	-	-	-	-	-		
Bone Marrow		+	+	+	+	+	+	+	+	+	+		10
Lymph Node					+								1
Lymph Node, Mandibular		М	М	М	М	Μ	М	М	М	М	М		0
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+		10
Spleen		+	+	+	+	+	+	+	+	+	+		10
Thymus		+	+	+	+	+	+	+	+	+	+		10
INTEGUMENTARY SYSTE	EM												
Mammary Gland		М	М	Μ	М	Μ	М	М	Μ	Μ	М		0
Skin		+	+	+	+	+	+	+	+	+	+		10
MUSCULOSKELETAL SY	STEM									-			
Bone		+	+	+	+	+	+	+	+	+	+		10
NERVOUS SYSTEM													
Brain		+	+	+	+	+	+	+	+	+	+		10
RESPIRATORY SYSTEM										-	-		
Lung		+	+	+	+	+	+	+	+	+	+		10
* Total animals with tis + Tissue examined mic X Lesion present I Insufficient tissue		oscop	vically	y; Tot	al ani	imals	with 1	tumor				M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

IAL ID	0 9 3 0 0 0 0 1 + +	0 9 3 0 0 0 0 2 + +	0 9 3 0 0 0 3 + +	0 9 3 0 0 0 0 4 + +	0 9 3 0 0 0 5 + +	9 3 0 0 0 0	0 0 0	9 3 0 0 0	-	0 9 3 0 0 0 1 0 +	0 9 3 0 0 1 0 0 * TOTALS
IAL ID	0 0 0	0	0 0 0	0	0 0 5 +	0 0 6	0 0 7	0 0 0 8	0 0 9 +	0 0 1 0 +	0 0 1 0 * <b>TOTALS</b>
	+	+	+	+		+	+	+	-		
	+	+	+	+	+	+	+	+			
									T	+	+ 10
							-			-	
	+	+	+	+	+	+	+	+	+	+	+ 10
	+	+	+	+	+	+	+	+	+	+	+ 10
_											
	+	+	+	+	+	+	+	+	+	+	+ 10
	+	+	+	+	+	+	+	+	+	+	+ 10
_											
							<b>ب</b>	+	т	+	+ 10
		+	+ + +	+ + +	+ + + +	+ + + + +	+ + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + +	+ + + + + + + + +	+ + + + + + + + +

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

CAS Number: 1896-62-4

	DAY ON TEST	0	0 0 9	0 0 9									
FISCHER 344 RATS MA	ALE	9 3	3	9 3	9 3	3	9 3	9 3	9 3	9 3	9 3		
22.0 MG/KG	ANIMAL ID	0 0 1 1	0 0 1 2	0 0 1 3	0 0 1 4	0 0 1 5	0 0 1 6	0 0 1 7	0 0 1 8	0 0 0 1 9	0 0 0 2 0		* TOTALS
ALIMENTARY SYSTEM													
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+		10
CARDIOVASCULAR SY	STEM												
NONE													
ENDOCRINE SYSTEM													
NONE													
GENERAL BODY SYST	EM												
NONE													
GENITAL SYSTEM													
NONE													
HEMATOPOIETIC SYS	ГЕМ												
NONE													
INTEGUMENTARY SYS	TEM												
Skin		+	+	+	+	+	+	+	+	+	+		10
MUSCULOSKELETAL	SYSTEM												
NONE													
* Total animals with + Tissue examined X Lesion present I Insufficient tissue		roscop	ically	; Tota	al anir	mals w	vith tu	umor				M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS MALE	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         9       9       9       9       9       9       9       9       9       9         3       3       3       3       3       3       3       3       3	
22.0 MG/KG ANIMAL ID	0       0       0       0       0       0       0       0         0       0       0       0       0       0       0       0       0         0       0       0       0       0       0       0       0       0         0       0       0       0       0       0       0       0       0         0       0       0       0       0       0       0       0       1         1       1       1       1       1       1       1       2       1	
	1 2 3 4 5 6 7 8 9 0	* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
Nose	+ + + + + + + + +	10
SPECIAL SENSES SYSTEM		
NONE		
URINARY SYSTEM		
Kidney	+ + + + + + + + +	10
SYSTEMIC LESIONS		

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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

DAY O	N 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		
44.0 MG/KG ANI	IMAL ID	0 0 2 1	0 0 2 2	0 0 2 3	0 0 0 2 4	0 0 0 2 5	0 0 2 6	0 0 0 2 7	0 0 0 2 8	0 0 0 2 9	0 0 0 3 0		* TOTAL
ALIMENTARY SYSTEM		I		L	I			I		I	I		
Liver										÷			1
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+		10
CARDIOVASCULAR SYSTEM										-			
NONE													
ENDOCRINE SYSTEM				-	-			-					
NONE													
GENERAL BODY SYSTEM				-	-			-		-			
NONE				_						_			
GENITAL SYSTEM													
NONE										-			
HEMATOPOIETIC SYSTEM													
NONE													
INTEGUMENTARY SYSTEM	_												
Skin		+	+	+	+	+	+	+	Ι	+	+		9
MUSCULOSKELETAL SYSTEM	Ν												
* Total animals with tissue exa + Tissue examined microscopic X Lesion present I Insufficient tissue		scopi	ically	; Tota	al anii	mals	with t	umor				M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	
										Do			

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

									_		
DAY ON TEST FISCHER 344 RATS MALE	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	
44.0 MG/KG ANIMAL ID	0 0 2 1	0 0 0 2 2	0 0 0 2 3	0 0 0 2 4	0 0 0 2 5	0 0 0 2 6	0 0 0 2 7	0 0 0 2 8	0 0 0 2 9	0 0 0 3 0	* TOTALS
NONE		1	1		1		1	1		<u> </u>	
NERVOUS SYSTEM							-	-			
NONE											
RESPIRATORY SYSTEM											
Nose	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM							-				
NONE											
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

CAS Number: 1896-62-4

FISCHER 344 RATS MA	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		
87.5 MG/KG	ANIMAL ID	0 0 0 3 1	0 0 0 3 2	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		+	+	+	+	+	+	+	+	+	+		10
CARDIOVASCULAR SY	STEM												
NONE													
ENDOCRINE SYSTEM													
NONE													
GENERAL BODY SYST	EM							-	-	-			
NONE													
GENITAL SYSTEM													
NONE													
HEMATOPOIETIC SYST	ГЕМ												
NONE													
INTEGUMENTARY SYS	TEM												
Skin		+	+	+	+	+	+	+	+	+	+		10
MUSCULOSKELETAL	SYSTEM												
NONE													
* Total animals with + Tissue examined X Lesion present I Insufficient tissue	a tissue examined micr microscopically	roscopi	ically	; Tota	al anir	nals	with t	umoi	r			M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TES	T 0 9 3	0 0 9 3									
87.5 MG/KG ANIMAL II	D 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
						-					
NERVOUS SYSTEM											
NONE											 
RESPIRATORY SYSTEM											
Nose	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
NONE											
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

CAS Number: 1896-62-4

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		
175 MG/KG ANIMAL ID	0	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	0 0 0 4 6	0 0 0 4 7	0 0 0 4 8	0 0 0 4 9	0 0 0 5 0		* TOTALS
ALIMENTARY SYSTEM		•		•	•		•		•			
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+		10
CARDIOVASCULAR SYSTEM												
NONE												
ENDOCRINE SYSTEM												
NONE												
GENERAL BODY SYSTEM												
NONE					_							
GENITAL SYSTEM												
NONE					-		-					
HEMATOPOIETIC SYSTEM												
NONE												
INTEGUMENTARY SYSTEM												
Skin	+	+	+	+	+	+	+	+	+	+		10
MUSCULOSKELETAL SYSTEM												
NONE												
<ul> <li>* Total animals with tissue examined m</li> <li>+ Tissue examined microscopically</li> <li>X Lesion present</li> <li>I Insufficient tissue</li> </ul>	icroscop	pically	/; Tot	al anii	mals	with t	umor				M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON		0 0 0 0 9 9 3 3	)	0 0 0 0 9 9 3 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	
175 MG/KG	MAL ID	0 0 0 0 4 4 1 2	) ) 	0 0 0 0 0 0 4 4 3 4	0 0 0 4 5	0 0 0 4 6	0 0 0 4 7	0 0 0 4 8	0 0 0 4 9	0 0 0 5 0	* TOTALS
NERVOUS SYSTEM						-		I	I	I	
NONE											
RESPIRATORY SYSTEM											
Nose		+ +	-	+ +	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM								•	•		
NONE											
URINARY SYSTEM		<u> </u>									
Kidney		+ +	-	+ +	+	+	+	+	+	+	10
SYSTEMIC LESIONS											
								+			10

I .. Insufficient tissue

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

DAY ON T	TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9 9 9 9	
50 MG/KG ANIM	AL ID 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* TOTALS
LIMENTARY 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
ARDIOVASCULAR SYSTEM		
Blood Vessel	+ + + + + + + + +	10

### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS MALE	0 0 9 3										
350 MG/KG ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	* TOTALS
Heart	+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM							-				
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	М	+	+	+	+	+	+	+	+	+	9
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
* Total animals with tiss	sue examined microscopically; Total animals with tumor M Missing tissue	

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST	. 0 0 9 3	0	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	
350 MG/KG ANIMAL ID	0	0	000	0 0 0 5 4	0 0 0 5 5	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	* TOTALS
IEMATOPOIETIC SYSTEM				-							
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	М	М	М	М	М	М	М	М	М	М	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
NTEGUMENTARY SYSTEM											
Mammary Gland	Μ	М	М	М	Μ	М	М	М	М	М	0
Skin	+	+	+	+	+	+	+	+	+	+	10
IUSCULOSKELETAL SYSTEM											
Bone	+	+	+	+	+	+	+	+	+	+	10
IERVOUS SYSTEM											
Brain	+	+	+	+	+	+	+	+	+	+	10
RESPIRATORY SYSTEM											
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10

#### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

FISCHER 344 RATS MA	DAY ON TEST	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	9	0 0 9 3	0 0 9 3	0 0 9 3	0 0 9 3	
350 MG/KG	ANIMAL ID	0 0 0 5 1	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	0 0 0 5 5	0 0 5	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	* TOTALS
Trachea		+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYS	ТЕМ			-						-	-	
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

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS MALE CONTROL SPECIAL ANIMAL ID	
	* TOTALS
ALIMENTARY SYSTEM	1017/20
NONE	
CARDIOVASCULAR SYSTEM	 
NONE	
ENDOCRINE SYSTEM	
NONE	
GENERAL BODY SYSTEM	
NONE	
GENITAL SYSTEM	
NONE	
HEMATOPOIETIC SYSTEM	
NONE	
INTEGUMENTARY SYSTEM	
NONE	
MUSCULOSKELETAL SYSTEM	
NONE	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS MAL	DAY ON TEST									
CONTROL SPECIAL	ANIMAL ID									
			* TOTALS							
NERVOUS SYSTEM										
NONE										
RESPIRATORY SYSTEM										
NONE										
SPECIAL SENSES SYSTE	M									
NONE										
URINARY SYSTEM										
NONE										
SYSTEMIC LESIONS										

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

FISCHER 344 RATS MALE	· · · · · · · · · · · · · · · · · · ·
ANIMAL ID	
	* TOTALS
	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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

D FISCHER 344 RATS MALE	AY ON TEST									
TK 22.0 MG/KG	ANIMAL ID									
				* TOTALS						
NERVOUS SYSTEM										
NERVOUS STSTEM										
NONE										
RESPIRATORY SYSTEM										
NONE										
SPECIAL SENSES SYSTE	М									
NONE										
URINARY SYSTEM										
NONE										
SYSTEMIC LESIONS										

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST	
FISCHER 344 RATS 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS MALE	AY ON TEST	N TEST						
TK 44.0 MG/KG	ANIMAL ID							
			* TOTALS					
NERVOUS SYSTEM								
NONE								
RESPIRATORY SYSTEM								
NONE								
SPECIAL SENSES SYSTE	М							
NONE								
URINARY SYSTEM								
NONE								
SYSTEMIC LESIONS								

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

FISCHER 344 RATS MALE	
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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS MALE	AY ON TEST	
TK 87.5 MG/KG	ANIMAL ID	
		 * TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYSTE	М	
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

FISCHER 344 RATS 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

D, FISCHER 344 RATS MALE	AY ON TEST	 	
TK 175 MG/KG	ANIMAL ID		
		 	 * TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYSTEM			
NONE			
SPECIAL SENSES SYSTEM	М		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST	
FISCHER 344 RATS 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

	AY ON TEST		
FISCHER 344 RATS MAL			
TK 350 MG/KG			
	ANIMAL ID		
		* TOTAL	S
NERVOUS SYSTEM			
NONE			
<b>RESPIRATORY SYSTEM</b>			
NONE			
SPECIAL SENSES SYSTE	vi vi		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		0	

\*\*\* END OF MALE DATA \*\*\*

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

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		
EHICLE CONTROL ANIMAL ID	0	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	* T(	OTALS
LIMENTARY SYSTEM												
Esophagus	+	+	+	+	+	+	+	+	+	+		10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+		10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+		10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+		10
ntestine 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
ARDIOVASCULAR SYSTEM									-			
Blood Vessel	+	+	+	+	+	+	+	+	+	+		10
* Total animals with tissue examined mic + Tissue examined microscopically X Lesion present I Insufficient tissue	croscop	oically	∕; Tot	tal ani	mals	with 1	tumo	r			M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

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

DAY ON TES	ST 0 9 3	0 0 9 3									
VEHICLE CONTROL ANIMAL ID	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	* TOTALS
Heart	+	+	+	+	+	+	+	+	+	+	10
ENDOCRINE SYSTEM						-	-	-			
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	М	+	+	М	М	М	+	М	М	М	3
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
GENERAL BODY SYSTEM		-				-	-	-	-	-	
Tissue NOS							+				1
GENITAL SYSTEM					-	-	-	-	-	-	
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
HEMATOPOIETIC SYSTEM		-			-	-		-			
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS FEMALE	0 0 9 3											
VEHICLE CONTROL ANIMAL ID	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	* TOTAI	LS
Lymph Node, Mandibular	M	М	М	М	М	М	М	М	M	M	0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
NTEGUMENTARY SYSTEM												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Skin	+	+	+	+	+	+	+	+	+	+	10	
MUSCULOSKELETAL SYSTEM												
Bone	+	+	+	+	+	+	+	+	+	+	10	
NERVOUS SYSTEM									-			
Brain	+	+	+	+	+	+	+	+	+	+	10	
RESPIRATORY SYSTEM												
Lung	+	+	+	+	+	+	+	+	+	+	10	
Nose	+	+	+	+	+	+	+	+	+	+	10	
Trachea	+	+	+	+	+	+	+	+	+	+	10	

## SPECIAL SENSES SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

FISCHER 344 RATS FE	DAY ON TEST MALE	0 0 9 3										
VEHICLE CONTROL	ANIMAL ID	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	* TOTALS
Eye		+	+	+	+	+	+	+	+	+	+	10
Harderian Gland		+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM												
Kidney		+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS												
Multiple Organ		+	+	+	+	+	+	+	+	+	+	10

I .. Insufficient tissue

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

		-	_	_	_	_	_	_	_	_	_		
D FISCHER 344 RATS FEMA	AY ON TEST	0 0 9 3	0 0 9 3										
22.0 MG/KG	ANIMAL ID	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 7 5	0 0 0 7 6	0 0 0 7 7	0 0 0 7 8	0 0 0 7 9	0 0 0 8 0		* TOTALS
ALIMENTARY SYSTEM				1	1	1		1	1	1			
Liver											+		1
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+		10
CARDIOVASCULAR SYST	ЕМ												
NONE													
ENDOCRINE SYSTEM													
Adrenal Cortex					+								1
GENERAL BODY SYSTEM	l												
Tissue NOS			+										1
GENITAL SYSTEM													
Uterus		+	+	+	+	+	+	+	+	+	+		10
HEMATOPOIETIC SYSTEM	Л		-										
Lymph Node							+	-					1
INTEGUMENTARY SYSTE	Μ												
Skin		+	+	+	+	+	+	+	+	+	+		10
MUSCULOSKELETAL SYS	STEM												
<ul> <li>* Total animals with tissue examined microscopically; Total animals with tumor</li> <li>+ Tissue examined microscopically</li> <li>X Lesion present</li> <li>I Insufficient tissue</li> </ul>										M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically			

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TES FISCHER 344 RATS FEMALE	T 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	
22.0 MG/KG ANIMAL II	0 0 0 7 1	0 0 0 7 2	0 0 0 7 3	0 0 0 7 4	0 0 0 7 5	0 0 0 7 6	0 0 7 7	0 0 7 8	0 0 7 9	0 0 0 8 0	* TOTALS
NONE											
NERVOUS SYSTEM			-		-	-					
NONE											
RESPIRATORY SYSTEM					_	_					
Nose	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
NONE											
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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

DAY ON TES	ST 0 9 3	0 0 9 3										
44.0 MG/KG ANIMAL I	ID 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
ALIMENTARY SYSTEM							1			1		
Liver					+	+						2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+		10
CARDIOVASCULAR SYSTEM												
NONE												
ENDOCRINE SYSTEM			-		-		-			•		
NONE												
GENERAL BODY SYSTEM			-	-	-		-			-		
NONE												
GENITAL SYSTEM												
Uterus	+	+	+	+	+	+	+	+	+	+		10
HEMATOPOIETIC SYSTEM												
Lymph Node			+		-		+					2
INTEGUMENTARY SYSTEM												
Skin	+	+	+	+	+	+	+	+	+	+		10
MUSCULOSKELETAL SYSTEM												
<ul> <li>* Total animals with tissue examined microscopically; Total animals with tumor</li> <li>+ Tissue examined microscopically</li> <li>X Lesion present</li> <li>I Insufficient tissue</li> </ul>										M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically		

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

								_			
DAY ON TEST FISCHER 344 RATS FEMALE	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	
44.0 MG/KG ANIMAL ID	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 8 9	0 0 9 0	* TOTALS
NONE			_								
NERVOUS SYSTEM				-	-	-					
NONE											
RESPIRATORY SYSTEM											
Nose	+	+	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTEM											
NONE											
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TES	O         O	
87.5 MG/KG ANIMAL		* TOTALS
ALIMENTARY SYSTEM		
Liver	+	1
Stomach, Glandular	+ + + + + + + + +	10
CARDIOVASCULAR SYSTEM		
NONE		
ENDOCRINE SYSTEM		
NONE		
GENERAL BODY SYSTEM		
NONE		
GENITAL SYSTEM		
Ovary	+	1
Uterus	+ + + + + + + + +	10
HEMATOPOIETIC SYSTEM		
Lymph Node	+	1
INTEGUMENTARY SYSTEM		
Skin	+ + + + + + + + + +	10
* Total animals with tissue examined + Tissue examined microscopically X Lesion present I Insufficient tissue	microscopically; Total animals with tumor	M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS FEMALE	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       9       9       9         3       3       3       3       3       3       3       3       3       3	
87.5 MG/KG Animal IC	0     0     0     0     0     0     0     0     0       0     0     0     0     0     0     0     0     0       0     0     0     0     0     0     0     0     0       0     0     0     0     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       1     2     3     4     5     6     7     8     9     0	* TOTALS
MUSCULOSKELETAL SYSTEM		
NONE		
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
Nose	+ + + + + + + + + +	10
SPECIAL SENSES SYSTEM		
NONE		
URINARY SYSTEM		
Kidney	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$	10
SYSTEMIC LESIONS		
Multiple Organ	+ + + + + + + + +	10

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS FEMALE	Г 0 9 3	0 0 9 3										
175 MG/KG ANIMAL IE	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0		* TOTALS
ALIMENTARY SYSTEM			•		•			•	•	•		
Liver					+							1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+		10
CARDIOVASCULAR SYSTEM												
NONE												
ENDOCRINE SYSTEM	·	·										
NONE												
GENERAL BODY SYSTEM												
NONE												
GENITAL SYSTEM								-	-	-		
Clitoral Gland							+					1
Uterus	+	+	+	+	+	+	+	+	+	+		10
HEMATOPOIETIC SYSTEM												
Lymph Node					+					+		2
Thymus	+											1
INTEGUMENTARY SYSTEM												
* Total animals with tissue examined m + Tissue examined microscopically X Lesion present I Insufficient tissue	nicrosco	pically	/; Tot	al ani	mals	with t	umor				M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

D FISCHER 344 RATS FEMA	AY ON TEST	) 0	0	0 0 9 3							
175 MG/KG	ANIMAL ID	) 0 1 ) 0	0	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	 DTALS
Skin	+	- +	+	+	+	+	+	+	+	+	10
MUSCULOSKELETAL SYS	ТЕМ										
NONE											
NERVOUS SYSTEM											
NONE											
RESPIRATORY SYSTEM											
Nose	+	- +	+	+	+	+	+	+	+	+	10
SPECIAL SENSES SYSTE	Μ										
NONE											
URINARY SYSTEM											
Kidney	+	- +	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS						· ·	· · ·				
Multiple Organ	+	- +	+	+	+	+	+	+	+	÷	10

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TE SCHER 344 RATS FEMALE	EST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9 9 9 9	
50 MG/KG ANIMAI	LID 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* TOTALS
LIMENTARY 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
ARDIOVASCULAR SYSTEM		
Blood Vessel	+ + + + + + + + + +	10

## P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Methyl trans-styryl ketone CAS Number: 1896-62-4 Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON T FISCHER 344 RATS FEMALE	TEST 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9 9 9 9 9 9	
350 MG/KG ANIMA		* TOTALS
Heart	+ + + + + + + + +	10
ENDOCRINE SYSTEM		
Adrenal Cortex	+ + + + + + + + +	10
Adrenal Medulla	+ + +   + + + + +	9
Islets, Pancreatic	+ + + + + + + + +	10
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
* Total animals with tissue examin + Tissue examined microscopically X Lesion present I Insufficient tissue	ned microscopically; Total animals with tumor M Missing tissue y A Autolysis precludes evalu BLANK Not examined microscop	

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

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0 0 1 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1	0 0 1	0 0	0	0	0		
+			4	1 5	1 1 6	0 1 1 7	0 1 1 8	0 1 1 9	0 0 1 2 0	* TOTAL
			+				+			3
М	М	М	М	М	М	М	М	М	М	0
+	+	÷	+	+	+	+	÷	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
		-		_		_				
+	+	+	+	+	+	+	+	+	+	10
		-		-		-			-	
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
+	+	+	+	+	+	+	+	+	+	10
	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + +	+ + + + + +	$\begin{array}{cccccccccccccccccccccccccccccccccccc$						

I .. Insufficient tissue

CAS Number: 1896-62-4

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS FEMALE	0 0 9 3	0 0 9 3	0 0 9 3								
350 MG/KG ANIMAL ID	0 0 1 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 9	0 0 1 2 0	* TOTALS
SPECIAL SENSES SYSTEM		-			-	-	-			•	 
Еуе	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10
URINARY SYSTEM											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10
SYSTEMIC LESIONS											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	10

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS FEM CONTROL SPECIAL	ANIMAL ID	 
		 * TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTEM		
NONE		
SPECIAL SENSES SYST	EM	
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST	
FISCHER 344 RATS FEMALE	
TK 22.0 MG/KG	
ANIMALID	
	* 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS F TK 22.0 MG/KG	DAY ON TEST EMALE	
	ANIMAL ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYST	EM	
NONE		
SPECIAL SENSES S	STEM	
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

FISCHER 344 RATS FEMALE	
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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS F TK 44.0 MG/KG	DAY ON TEST EMALE	
	ANIMAL ID	
		 * TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYST	EM	
NONE		
SPECIAL SENSES S	STEM	
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST FISCHER 344 RATS FEMALE TK 87.5 MG/KG		
ANIMAL ID		
	* TOTALS	.S
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		

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS F TK 87.5 MG/KG	DAY ON TEST EMALE	 -
	ANIMAL ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYST	EM	
NONE		
SPECIAL SENSES S	STEM	
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST	
FISCHER 344 RATS 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

0

FISCHER 344 RATS F TK 175 MG/KG	DAY ON TEST EMALE	 	
	ANIMAL ID		
		 	* TOTALS
NERVOUS SYSTEM			
NONE			
RESPIRATORY SYSTI	EM .		
NONE			
SPECIAL SENSES SY	STEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			

Multiple Organ

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

DAY ON TEST	
FISCHER 344 RATS 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	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Date Report Requested: 08/31/2016 Time Report Requested: 09:09:36 First Dose M/F: 12/10/01 / 12/11/01 Lab: MBA

FISCHER 344 RATS FE TK 350 MG/KG	DAY ON TEST ANIMAL ID	
		* TOTALS
NERVOUS SYSTEM		
NONE		
RESPIRATORY SYSTE	л	
NONE		
SPECIAL SENSES SYS	(EM	
NONE		
URINARY SYSTEM		
NONE		
SYSTEMIC LESIONS		
Multiple Organ		0

\*\*\* END OF REPORT \*\*\*

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue