

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

F1_M3

C Number: C95003C
Lock Date: 01/29/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.1.0

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF METHYL TRANS-STYRYL KETONE

MALE MICE

Organ

Adrenal Cortex

Eye

Eye: Cornea

Harderian Gland

Heart

Islets, Pancreatic

Kidney

Liver

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

Lymph Node: Iliac

Prostate

Prostate: Epithelium

Seminal Vesicle

Skin

Skin: Epidermis

Skin: Epidermis, Site of Application

Skin: Site of Application

Spleen

Morphology

Accessory Adrenal Cortical Nodule

Degeneration Fatty

Hyperplasia

Inflammation Chronic

Hyperplasia

Inflammation Chronic

Cardiomyopathy

Hyperplasia

Cyst

Hyperplasia Lymphoid

Cyst

Necrosis Focal

Hemorrhage

Infiltration Cellular Histiocyte

Atrophy

Hyperplasia Lymphoid

Hematopoietic Cell Proliferation

Hyperplasia Lymphoid

Cyst

Inflammation Chronic

Polyarteritis

Hyperplasia

Infiltration Cellular Lymphocyte

Inflammation Chronic

Hyperplasia

Hyperplasia

Fibrosis

Hyperkeratosis

Hyperplasia Melanocyte

Inflammation Chronic

Ulcer

Hematopoietic Cell Proliferation

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF METHYL TRANS-STYRYL KETONE

Spleen: Lymphoid Follicle
Stomach, Forestomach

Stomach, Glandular

Testes: Germinal Epithelium
Thymus
Urinary Bladder

FEMALE MICE

Organ

Adrenal Cortex

Bone: Femur
Brain
Eye: Cornea
Harderian Gland
Kidney

Liver

Liver: Hepatocyte
Lung
Lymph Node, Mandibular
Ovary

Ovary: Interstitial Cell
Pancreas
Pituitary Gland: Pars Distalis
Salivary Glands
Skin

Hyperplasia
Erosion
Inflammation Chronic
Cyst
Inflammation Acute
Inflammation Chronic
Mineralization
Atrophy
Cyst
Edema

Morphology

Accessory Adrenal Cortical Nodule
Hypertrophy Focal
Hyperostosis
Compression
Hyperplasia
Inflammation Chronic
Infarct
Mineralization
Angiectasis
Hematopoietic Cell Proliferation
Hypertrophy
Hyperplasia Lymphoid
Hyperplasia Lymphoid
Cyst
Hemorrhage
Thrombosis
Hyperplasia
Cyst
Hyperplasia
Mineralization
Hyperkeratosis
Inflammation Chronic

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF METHYL TRANS-STYRYL KETONE

Skin: Epidermis
Skin: Epidermis, Site of Application
Skin: Site of Application

Stomach, Glandular
Uterus

Hyperplasia
Hyperplasia
Hyperkeratosis
Hyperplasia Melanocyte
Inflammation Chronic
Ulcer
Erosion
Hyperplasia Cystic

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Accessory Adrenal Cortical Nodule				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	8/49 (16%)
POLY-3 RATE (b)	2/44.43	1/44.28	2/44.93	8/47.52
POLY-3 PERCENT (g)	4.5%	2.3%	4.5%	16.8%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	1/35 (3%)	6/38 (16%)
FIRST INCIDENCE	729 (T)	729 (T)	571	521
STATISTICAL TESTS				
POLY 3	P=0.003**	P=0.501N	P=0.690N	P=0.057
POLY 1.5	P=0.003**	P=0.500N	P=0.691N	P=0.051
POLY 6	P=0.004**	P=0.504N	P=0.689N	P=0.065
COCH-ARM / FISHERS	P=0.002**	P=0.500N	P=0.691N	P=0.043*
MAX-ISO-POLY-3	P=0.005**	P=0.282N	P=0.495N	P=0.032*

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex Degeneration Fatty				
LESION RATES				
OVERALL (a)	4/50 (8%)	12/50 (24%)	9/50 (18%)	6/49 (12%)
POLY-3 RATE (b)	4/44.43	12/44.93	9/44.41	6/46.41
POLY-3 PERCENT (g)	9%	26.7%	20.3%	12.9%
TERMINAL (d)	4/34 (12%)	11/35 (31%)	9/35 (26%)	6/38 (16%)
FIRST INCIDENCE	729 (T)	515	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.347N	P=0.026*	P=0.113	P=0.397
POLY 1.5	P=0.373N	P=0.026*	P=0.115	P=0.382
POLY 6	P=0.318N	P=0.025*	P=0.111	P=0.414
COCH-ARM / FISHERS	P=0.414N	P=0.027*	P=0.117	P=0.357
MAX-ISO-POLY-3	P=0.140	P=0.013*	P=0.065	P=0.282

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Hematopoietic Cell Proliferation				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/44.43	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	2/34 (6%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.236N	P=0.238N	P=0.237N	P=0.228N
POLY 1.5	P=0.238N	P=0.237N	P=0.237N	P=0.233N
POLY 6	P=0.234N	P=0.239N	P=0.238N	P=0.222N
COCH-ARM / FISHERS	P=0.241N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.035N*	P=0.077N	P=0.076N	P=0.077N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Hyperplasia Focal				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	1/44.43	1/44.28	1/44.41	0/46.41
POLY-3 PERCENT (g)	2.3%	2.3%	2.3%	0%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.314N	P=0.760	P=0.761	P=0.491N
POLY 1.5	P=0.320N	P=0.760	P=0.760N	P=0.496N
POLY 6	P=0.307N	P=0.759	P=0.760	P=0.486N
COCH-ARM / FISHERS	P=0.328N	P=0.753N	P=0.753N	P=0.505N
MAX-ISO-POLY-3	P=0.336N	P=0.498	P=0.499	P=0.160N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Hypertrophy Focal				
LESION RATES				
OVERALL (a)	16/50 (32%)	16/50 (32%)	20/50 (40%)	12/49 (24%)
POLY-3 RATE (b)	16/45.14	16/45.35	20/45.22	12/46.43
POLY-3 PERCENT (g)	35.5%	35.3%	44.2%	25.8%
TERMINAL (d)	14/34 (41%)	14/35 (40%)	17/35 (49%)	11/38 (29%)
FIRST INCIDENCE	521	509	534	723
STATISTICAL TESTS				
POLY 3	P=0.142N	P=0.581N	P=0.259	P=0.220N
POLY 1.5	P=0.164N	P=0.580N	P=0.263	P=0.240N
POLY 6	P=0.119N	P=0.585N	P=0.255	P=0.199N
COCH-ARM / FISHERS	P=0.202N	P=0.585N	P=0.266	P=0.272N
MAX-ISO-POLY-3	P=0.171N	P=0.493N	P=0.195	P=0.163N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex: Capsule Hyperplasia				
LESION RATES				
OVERALL (a)	38/50 (76%)	40/50 (80%)	40/50 (80%)	36/49 (73%)
POLY-3 RATE (b)	38/48.30	40/50.00	40/49.57	36/48.57
POLY-3 PERCENT (g)	78.7%	80%	80.7%	74.1%
TERMINAL (d)	27/34 (79%)	25/35 (71%)	28/35 (80%)	29/38 (76%)
FIRST INCIDENCE	402	500	471	521
STATISTICAL TESTS				
POLY 3	P=0.281N	P=0.535	P=0.501	P=0.385N
POLY 1.5	P=0.300N	P=0.479	P=0.462	P=0.422N
POLY 6	P=0.264N	P=0.594N	P=0.547	P=0.342N
COCH-ARM / FISHERS	P=0.330N	P=0.405	P=0.405	P=0.477N
MAX-ISO-POLY-3	P=0.404N	P=0.434	P=0.399	P=0.298N

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	4/49 (8%)	2/50 (4%)	1/50 (2%)	5/49 (10%)
POLY-3 RATE (b)	4/43.88	2/44.28	1/44.41	5/46.79
POLY-3 PERCENT (g)	9.1%	4.5%	2.3%	10.7%
TERMINAL (d)	4/34 (12%)	2/35 (6%)	1/35 (3%)	3/38 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	630
STATISTICAL TESTS				
POLY 3	P=0.270	P=0.333N	P=0.175N	P=0.540
POLY 1.5	P=0.258	P=0.330N	P=0.174N	P=0.525
POLY 6	P=0.285	P=0.338N	P=0.177N	P=0.557
COCH-ARM / FISHERS	P=0.243	P=0.329N	P=0.175N	P=0.500
MAX-ISO-POLY-3	P=0.255	P=0.197N	P=0.081N	P=0.403

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Cranium				
Fibrosis				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	0/43.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Cranium				
Osteopetrosis				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/49 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/44.67	1/43.28	2/44.52	0/47.41
POLY-3 PERCENT (g)	4.5%	2.3%	4.5%	0%
TERMINAL (d)	1/34 (3%)	1/34 (3%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	668	729 (T)	703	---
STATISTICAL TESTS				
POLY 3	P=0.190N	P=0.511N	P=0.693	P=0.224N
POLY 1.5	P=0.197N	P=0.509N	P=0.694	P=0.229N
POLY 6	P=0.182N	P=0.515N	P=0.691	P=0.219N
COCH-ARM / FISHERS	P=0.207N	P=0.508N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.163N	P=0.292N	P=0.498	P=0.076N

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Femur				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	0/43.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Femur Hyperostosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	0/43.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain Compression				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	1/47.43
POLY-3 PERCENT (g)	0%	0%	0%	2.1%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	723
STATISTICAL TESTS				
POLY 3	P=0.226	(e)	(e)	P=0.513
POLY 1.5	P=0.222	(e)	(e)	P=0.508
POLY 6	P=0.231	(e)	(e)	P=0.519
COCH-ARM / FISHERS	P=0.215	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.150	(e)	(e)	P=0.175

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	2/44.51	5/44.66	4/45.09	5/48.05
POLY-3 PERCENT (g)	4.5%	11.2%	8.9%	10.4%
TERMINAL (d)	1/34 (3%)	3/35 (9%)	1/35 (3%)	2/38 (5%)
FIRST INCIDENCE	709	641	649	630
STATISTICAL TESTS				
POLY 3	P=0.352	P=0.217	P=0.343	P=0.249
POLY 1.5	P=0.331	P=0.218	P=0.341	P=0.236
POLY 6	P=0.377	P=0.216	P=0.346	P=0.264
COCH-ARM / FISHERS	P=0.301	P=0.218	P=0.339	P=0.218
MAX-ISO-POLY-3	P=0.269	P=0.120	P=0.207	P=0.150

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/44.43	2/44.28	0/44.41	1/47.41
POLY-3 PERCENT (g)	0%	4.5%	0%	2.1%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.634	P=0.236	(e)	P=0.513
POLY 1.5	P=0.626	P=0.237	(e)	P=0.508
POLY 6	P=0.641	P=0.235	(e)	P=0.518
COCH-ARM / FISHERS	P=0.615	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.341	P=0.076	(e)	P=0.174

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain				
Necrosis Focal				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Epididymis				
Granuloma Sperm				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	0/44.28	2/44.41	0/47.41
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	2/35 (6%)	0/38 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.674N	(e)	P=0.237	(e)
POLY 1.5	P=0.682N	(e)	P=0.237	(e)
POLY 6	P=0.663N	(e)	P=0.236	(e)
COCH-ARM / FISHERS	P=0.695N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.266	(e)	P=0.076	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Epididymis Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/44.43	3/44.96	0/44.41	3/47.44
POLY-3 PERCENT (g)	2.3%	6.7%	0%	6.3%
TERMINAL (d)	1/34 (3%)	2/35 (6%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	729 (T)	500	---	720
STATISTICAL TESTS				
POLY 3	P=0.342	P=0.309	P=0.500N	P=0.329
POLY 1.5	P=0.333	P=0.309	P=0.500N	P=0.320
POLY 6	P=0.353	P=0.309	P=0.501N	P=0.340
COCH-ARM / FISHERS	P=0.320	P=0.309	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.263	P=0.158	P=0.159N	P=0.179

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Eye				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/48 (2%)	1/48 (2%)	5/45 (11%)
POLY-3 RATE (b)	1/43.92	1/42.70	1/43.43	5/43.53
POLY-3 PERCENT (g)	2.3%	2.3%	2.3%	11.5%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	0/35 (0%)	4/38 (11%)
FIRST INCIDENCE	729 (T)	729 (T)	571	521
STATISTICAL TESTS				
POLY 3	P=0.017*	P=0.754	P=0.758	P=0.099
POLY 1.5	P=0.015*	P=0.755	P=0.757	P=0.092
POLY 6	P=0.019*	P=0.753	P=0.760	P=0.106
COCH-ARM / FISHERS	P=0.014*	P=0.747	P=0.747	P=0.084
MAX-ISO-POLY-3	P=0.027*	P=0.491	P=0.496	P=0.046*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Eye: Cornea Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/48 (2%)	1/48 (2%)	4/45 (9%)
POLY-3 RATE (b)	0/43.92	1/42.70	1/43.43	4/42.89
POLY-3 PERCENT (g)	0%	2.3%	2.3%	9.3%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/35 (0%)	4/38 (11%)
FIRST INCIDENCE	---	729 (T)	571	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.016*	P=0.494	P=0.498	P=0.057
POLY 1.5	P=0.015*	P=0.495	P=0.497	P=0.054
POLY 6	P=0.018*	P=0.493	P=0.499	P=0.060
COCH-ARM / FISHERS	P=0.014*	P=0.495	P=0.495	P=0.049*
MAX-ISO-POLY-3	P=0.014*	P=0.157	P=0.157	P=0.019*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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 First Dose M/F: 04/26/04 / 04/26/04
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Eye: Retina Degeneration				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/48 (0%)	0/48 (0%)	0/45 (0%)
POLY-3 RATE (b)	0/43.92	0/42.70	0/42.91	0/42.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Hyperplasia Focal				
LESION RATES				
OVERALL (a)	2/48 (4%)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/42.86	2/44.47	1/44.41	3/48.07
POLY-3 PERCENT (g)	4.7%	4.5%	2.3%	6.2%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	681	729 (T)	630
STATISTICAL TESTS				
POLY 3	P=0.422	P=0.681N	P=0.488N	P=0.552
POLY 1.5	P=0.409	P=0.679N	P=0.486N	P=0.539
POLY 6	P=0.440	P=0.684N	P=0.490N	P=0.567
COCH-ARM / FISHERS	P=0.389	P=0.676N	P=0.485N	P=0.520
MAX-ISO-POLY-3	P=0.472	P=0.484N	P=0.271N	P=0.376

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	3/48 (6%)	3/50 (6%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	3/42.86	3/45.04	0/44.41	2/47.41
POLY-3 PERCENT (g)	7%	6.7%	0%	4.2%
TERMINAL (d)	3/34 (9%)	1/35 (3%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	729 (T)	613	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.390N	P=0.639N	P=0.112N	P=0.454N
POLY 1.5	P=0.397N	P=0.640N	P=0.112N	P=0.464N
POLY 6	P=0.381N	P=0.639N	P=0.113N	P=0.444N
COCH-ARM / FISHERS	P=0.408N	P=0.641N	P=0.114N	P=0.480N
MAX-ISO-POLY-3	P=0.230N	P=0.474N	P=0.036N*	P=0.292N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

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Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	11/50 (22%)	7/50 (14%)	8/50 (16%)	4/50 (8%)
POLY-3 RATE (b)	11/45.28	7/44.93	8/45.13	4/47.45
POLY-3 PERCENT (g)	24.3%	15.6%	17.7%	8.4%
TERMINAL (d)	7/34 (21%)	6/35 (17%)	5/35 (14%)	2/38 (5%)
FIRST INCIDENCE	521	513	571	718
STATISTICAL TESTS				
POLY 3	P=0.044N*	P=0.220N	P=0.306N	P=0.034N*
POLY 1.5	P=0.050N*	P=0.217N	P=0.305N	P=0.038N*
POLY 6	P=0.038N*	P=0.226N	P=0.307N	P=0.031N*
COCH-ARM / FISHERS	P=0.059N	P=0.218N	P=0.306N	P=0.045N*
MAX-ISO-POLY-3	P=0.033N*	P=0.150N	P=0.223N	P=0.020N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Heart Mineralization				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/44.43	0/44.28	2/44.90	1/47.45
POLY-3 PERCENT (g)	0%	0%	4.5%	2.1%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	653	718
STATISTICAL TESTS				
POLY 3	P=0.385	(e)	P=0.239	P=0.513
POLY 1.5	P=0.372	(e)	P=0.239	P=0.508
POLY 6	P=0.400	(e)	P=0.241	P=0.519
COCH-ARM / FISHERS	P=0.354	(e)	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.190	(e)	P=0.078	P=0.175

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone
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First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Intestine Large, Colon
Edema

LESION RATES

OVERALL (a)	0/39 (0%)	0/43 (0%)	1/44 (2%)	0/43 (0%)
POLY-3 RATE (b)	0/37.41	0/40.42	1/40.91	0/41.55
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	719	---

STATISTICAL TESTS

POLY 3	P=0.776N	(e)	P=0.518	(e)
POLY 1.5	P=0.777N	(e)	P=0.520	(e)
POLY 6	P=0.774N	(e)	P=0.515	(e)
COCH-ARM / FISHERS	P=0.779N	(e)	P=0.530	(e)
MAX-ISO-POLY-3	P=0.407	(e)	P=0.173	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small, Ileum Inflammation Acute				
LESION RATES				
OVERALL (a)	0/40 (0%)	0/44 (0%)	1/45 (2%)	0/43 (0%)
POLY-3 RATE (b)	0/38.12	0/41.01	1/41.77	0/41.55
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/33 (0%)	0/35 (0%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.779N	(e)	P=0.518	(e)
POLY 1.5	P=0.780N	(e)	P=0.520	(e)
POLY 6	P=0.776N	(e)	P=0.516	(e)
COCH-ARM / FISHERS	P=0.783N	(e)	P=0.529	(e)
MAX-ISO-POLY-3	P=0.406	(e)	P=0.174	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	28/50 (56%)	23/50 (46%)	28/50 (56%)	19/49 (39%)
POLY-3 RATE (b)	28/48.09	23/46.00	28/46.99	19/47.52
POLY-3 PERCENT (g)	58.2%	50%	59.6%	40%
TERMINAL (d)	19/34 (56%)	20/35 (57%)	20/35 (57%)	16/38 (42%)
FIRST INCIDENCE	402	509	521	521
STATISTICAL TESTS				
POLY 3	P=0.049N*	P=0.274N	P=0.529	P=0.054N
POLY 1.5	P=0.060N	P=0.245N	P=0.549	P=0.058N
POLY 6	P=0.039N*	P=0.321N	P=0.509	P=0.051N
COCH-ARM / FISHERS	P=0.079N	P=0.212N	P=0.580N	P=0.065N
MAX-ISO-POLY-3	P=0.053N	P=0.214N	P=0.444	P=0.035N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Casts Granular				
LESION RATES				
OVERALL (a)	0/48 (0%)	2/49 (4%)	0/49 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/43.27	2/44.71	0/43.62	0/44.48
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	500	---	---
STATISTICAL TESTS				
POLY 3	P=0.375N	P=0.244	(e)	(e)
POLY 1.5	P=0.379N	P=0.244	(e)	(e)
POLY 6	P=0.372N	P=0.244	(e)	(e)
COCH-ARM / FISHERS	P=0.386N	P=0.253	(e)	(e)
MAX-ISO-POLY-3	P=0.259N	P=0.082	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney Cyst				
LESION RATES				
OVERALL (a)	15/48 (31%)	13/49 (27%)	7/49 (14%)	9/47 (19%)
POLY-3 RATE (b)	15/44.33	13/43.82	7/43.62	9/44.74
POLY-3 PERCENT (g)	33.8%	29.7%	16.1%	20.1%
TERMINAL (d)	11/34 (32%)	12/35 (34%)	7/35 (20%)	8/38 (21%)
FIRST INCIDENCE	619	681	729 (T)	659
STATISTICAL TESTS				
POLY 3	P=0.096N	P=0.424N	P=0.044N*	P=0.110N
POLY 1.5	P=0.107N	P=0.405N	P=0.040N*	P=0.116N
POLY 6	P=0.087N	P=0.456N	P=0.050N*	P=0.106N
COCH-ARM / FISHERS	P=0.126N	P=0.386N	P=0.039N*	P=0.131N
MAX-ISO-POLY-3	P=0.066N	P=0.338N	P=0.027N*	P=0.072N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	10/48 (21%)	18/49 (37%)	10/49 (20%)	18/47 (38%)
POLY-3 RATE (b)	10/43.90	18/45.26	10/43.62	18/45.29
POLY-3 PERCENT (g)	22.8%	39.8%	22.9%	39.7%
TERMINAL (d)	9/34 (27%)	13/35 (37%)	10/35 (29%)	14/38 (37%)
FIRST INCIDENCE	521	509	729 (T)	645
STATISTICAL TESTS				
POLY 3	P=0.134	P=0.064	P=0.594	P=0.065
POLY 1.5	P=0.120	P=0.065	P=0.593N	P=0.058
POLY 6	P=0.153	P=0.063	P=0.578	P=0.074
COCH-ARM / FISHERS	P=0.105	P=0.066	P=0.579N	P=0.050*
MAX-ISO-POLY-3	P=0.067	P=0.041*	P=0.493	P=0.043*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney Infarct				
LESION RATES				
OVERALL (a)	2/48 (4%)	4/49 (8%)	0/49 (0%)	2/47 (4%)
POLY-3 RATE (b)	2/43.50	4/45.55	0/43.62	2/44.48
POLY-3 PERCENT (g)	4.6%	8.8%	0%	4.5%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	668	500	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.458N	P=0.359	P=0.236N	P=0.686N
POLY 1.5	P=0.463N	P=0.355	P=0.234N	P=0.691N
POLY 6	P=0.453N	P=0.361	P=0.240N	P=0.682N
COCH-ARM / FISHERS	P=0.473N	P=0.349	P=0.242N	P=0.684
MAX-ISO-POLY-3	P=0.258N	P=0.221	P=0.076N	P=0.490N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	6/48 (13%)	8/49 (16%)	4/49 (8%)	3/47 (6%)
POLY-3 RATE (b)	6/43.56	8/44.61	4/43.62	3/44.48
POLY-3 PERCENT (g)	13.8%	17.9%	9.2%	6.8%
TERMINAL (d)	3/34 (9%)	5/35 (14%)	4/35 (11%)	3/38 (8%)
FIRST INCIDENCE	691	515	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.106N	P=0.405	P=0.368N	P=0.231N
POLY 1.5	P=0.113N	P=0.406	P=0.362N	P=0.239N
POLY 6	P=0.101N	P=0.400	P=0.378N	P=0.226N
COCH-ARM / FISHERS	P=0.123N	P=0.403	P=0.357N	P=0.254N
MAX-ISO-POLY-3	P=0.153N	P=0.299	P=0.252N	P=0.142N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney Mineralization				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/49 (0%)	0/49 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/43.27	0/43.63	0/43.62	0/44.48
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Nephropathy				
LESION RATES				
OVERALL (a)	41/48 (85%)	43/49 (88%)	45/49 (92%)	45/47 (96%)
POLY-3 RATE (b)	41/45.40	43/45.82	45/47.46	45/46.49
POLY-3 PERCENT (g)	90.3%	93.9%	94.8%	96.8%
TERMINAL (d)	34/34 (100%)	35/35 (100%)	34/35 (97%)	38/38 (100%)
FIRST INCIDENCE	402	515	521	521
STATISTICAL TESTS				
POLY 3	P=0.145	P=0.385	P=0.307	P=0.162
POLY 1.5	P=0.097	P=0.430	P=0.270	P=0.120
POLY 6	P=0.259	P=0.331	P=0.404	P=0.249
COCH-ARM / FISHERS	P=0.063	P=0.484	P=0.250	P=0.084
MAX-ISO-POLY-3	P=0.097	P=0.222	P=0.172	P=0.072

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney: Papilla Necrosis				
LESION RATES				
OVERALL (a)	1/48 (2%)	3/49 (6%)	0/49 (0%)	0/47 (0%)
POLY-3 RATE (b)	1/43.72	3/44.90	0/43.62	0/44.48
POLY-3 PERCENT (g)	2.3%	6.7%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	598	500	---	---
STATISTICAL TESTS				
POLY 3	P=0.152N	P=0.315	P=0.500N	P=0.497N
POLY 1.5	P=0.154N	P=0.315	P=0.498N	P=0.499N
POLY 6	P=0.150N	P=0.314	P=0.504N	P=0.494N
COCH-ARM / FISHERS	P=0.159N	P=0.316	P=0.495N	P=0.505N
MAX-ISO-POLY-3	P=0.124N	P=0.163	P=0.160N	P=0.160N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney: Renal Tubule Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/49 (0%)	0/49 (0%)	1/47 (2%)
POLY-3 RATE (b)	0/43.27	0/43.63	0/43.62	1/44.52
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	718
STATISTICAL TESTS				
POLY 3	P=0.218	(e)	(e)	P=0.506
POLY 1.5	P=0.215	(e)	(e)	P=0.502
POLY 6	P=0.222	(e)	(e)	P=0.509
COCH-ARM / FISHERS	P=0.209	(e)	(e)	P=0.495
MAX-ISO-POLY-3	P=0.135	(e)	(e)	P=0.167

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney: Renal Tubule Hyperplasia				
LESION RATES				
OVERALL (a)	2/48 (4%)	2/49 (4%)	2/49 (4%)	0/47 (0%)
POLY-3 RATE (b)	2/43.34	2/43.63	2/43.71	0/44.48
POLY-3 PERCENT (g)	4.6%	4.6%	4.6%	0%
TERMINAL (d)	1/34 (3%)	2/35 (6%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	712	729 (T)	705	---
STATISTICAL TESTS				
POLY 3	P=0.149N	P=0.692N	P=0.691N	P=0.231N
POLY 1.5	P=0.154N	P=0.689N	P=0.688N	P=0.235N
POLY 6	P=0.144N	P=0.692	P=0.694	P=0.228N
COCH-ARM / FISHERS	P=0.162N	P=0.684N	P=0.684N	P=0.253N
MAX-ISO-POLY-3	P=0.195N	P=0.496N	P=0.496N	P=0.077N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	2/44.43	0/44.28	1/44.41	0/46.41
POLY-3 PERCENT (g)	4.5%	0%	2.3%	0%
TERMINAL (d)	2/34 (6%)	0/35 (0%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.258N	P=0.238N	P=0.500N	P=0.228N
POLY 1.5	P=0.263N	P=0.237N	P=0.500N	P=0.233N
POLY 6	P=0.251N	P=0.239N	P=0.501N	P=0.222N
COCH-ARM / FISHERS	P=0.270N	P=0.247N	P=0.500N	P=0.253N
MAX-ISO-POLY-3	P=0.080N	P=0.077N	P=0.281N	P=0.077N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	5/50 (10%)	5/50 (10%)	3/50 (6%)	4/49 (8%)
POLY-3 RATE (b)	5/44.43	5/45.01	3/44.45	4/46.41
POLY-3 PERCENT (g)	11.3%	11.1%	6.8%	8.6%
TERMINAL (d)	5/34 (15%)	3/35 (9%)	2/35 (6%)	4/38 (11%)
FIRST INCIDENCE	729 (T)	613	719	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.412N	P=0.623N	P=0.356N	P=0.473N
POLY 1.5	P=0.427N	P=0.625N	P=0.356N	P=0.488N
POLY 6	P=0.396N	P=0.620N	P=0.356N	P=0.456N
COCH-ARM / FISHERS	P=0.449N	P=0.630N	P=0.357N	P=0.513N
MAX-ISO-POLY-3	P=0.460N	P=0.491N	P=0.230N	P=0.342N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Bile Stasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/44.43	2/44.72	1/44.41	0/46.41
POLY-3 PERCENT (g)	0%	4.5%	2.3%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	---	626	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.371N	P=0.238	P=0.500	(e)
POLY 1.5	P=0.379N	P=0.238	P=0.500	(e)
POLY 6	P=0.363N	P=0.239	P=0.499	(e)
COCH-ARM / FISHERS	P=0.390N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.335N	P=0.077	P=0.158	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	17/50 (34%)	18/50 (36%)	15/50 (30%)	18/49 (37%)
POLY-3 RATE (b)	17/44.43	18/44.69	15/44.93	18/46.62
POLY-3 PERCENT (g)	38.3%	40.3%	33.4%	38.6%
TERMINAL (d)	17/34 (50%)	17/35 (49%)	14/35 (40%)	17/38 (45%)
FIRST INCIDENCE	729 (T)	610	571	673
STATISTICAL TESTS				
POLY 3	P=0.549N	P=0.509	P=0.397N	P=0.572
POLY 1.5	P=0.514	P=0.507	P=0.403N	P=0.532
POLY 6	P=0.496N	P=0.509	P=0.390N	P=0.554N
COCH-ARM / FISHERS	P=0.449	P=0.500	P=0.415N	P=0.470
MAX-ISO-POLY-3	P=0.592N	P=0.420	P=0.315N	P=0.486

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Congestion				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/44.58	2/45.01	0/44.41	0/46.41
POLY-3 PERCENT (g)	2.2%	4.4%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	691	610	---	---
STATISTICAL TESTS				
POLY 3	P=0.209N	P=0.503	P=0.501N	P=0.492N
POLY 1.5	P=0.213N	P=0.502	P=0.500N	P=0.497N
POLY 6	P=0.206N	P=0.504	P=0.502N	P=0.487N
COCH-ARM / FISHERS	P=0.218N	P=0.500	P=0.500N	P=0.505N
MAX-ISO-POLY-3	P=0.178N	P=0.284	P=0.159N	P=0.160N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	2/46.67
POLY-3 PERCENT (g)	0%	0%	0%	4.3%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	---	---	---	659
STATISTICAL TESTS				
POLY 3	P=0.043*	(e)	(e)	P=0.248
POLY 1.5	P=0.041*	(e)	(e)	P=0.242
POLY 6	P=0.045*	(e)	(e)	P=0.256
COCH-ARM / FISHERS	P=0.040*	(e)	(e)	P=0.242
MAX-ISO-POLY-3	P=0.044*	(e)	(e)	P=0.088

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	17/50 (34%)	14/50 (28%)	16/50 (32%)	13/49 (27%)
POLY-3 RATE (b)	17/45.24	14/45.85	16/46.21	13/47.03
POLY-3 PERCENT (g)	37.6%	30.5%	34.6%	27.6%
TERMINAL (d)	13/34 (38%)	10/35 (29%)	11/35 (31%)	11/38 (29%)
FIRST INCIDENCE	619	515	534	630
STATISTICAL TESTS				
POLY 3	P=0.238N	P=0.312N	P=0.470N	P=0.212N
POLY 1.5	P=0.265N	P=0.319N	P=0.481N	P=0.236N
POLY 6	P=0.210N	P=0.310N	P=0.459N	P=0.190N
COCH-ARM / FISHERS	P=0.308N	P=0.333N	P=0.500N	P=0.278N
MAX-ISO-POLY-3	P=0.258N	P=0.240N	P=0.384N	P=0.159N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hematopoietic Cell Proliferation				
<hr/>				
LESION RATES				
OVERALL (a)	4/50 (8%)	1/50 (2%)	4/50 (8%)	7/49 (14%)
POLY-3 RATE (b)	4/44.43	1/44.28	4/44.41	7/46.41
POLY-3 PERCENT (g)	9%	2.3%	9%	15.1%
TERMINAL (d)	4/34 (12%)	1/35 (3%)	4/35 (11%)	7/38 (18%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
<hr/>				
STATISTICAL TESTS				
POLY 3	P=0.066	P=0.179N	P=0.643	P=0.286
POLY 1.5	P=0.060	P=0.179N	P=0.643N	P=0.272
POLY 6	P=0.073	P=0.181N	P=0.642	P=0.302
COCH-ARM / FISHERS	P=0.054	P=0.181N	P=0.643N	P=0.251
MAX-ISO-POLY-3	P=0.095	P=0.084N	P=0.499	P=0.195

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/45.25	2/44.86	0/44.41	0/46.41
POLY-3 PERCENT (g)	4.4%	4.5%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	503	641	---	---
STATISTICAL TESTS				
POLY 3	P=0.120N	P=0.691	P=0.241N	P=0.232N
POLY 1.5	P=0.123N	P=0.692	P=0.239N	P=0.235N
POLY 6	P=0.118N	P=0.689	P=0.244N	P=0.228N
COCH-ARM / FISHERS	P=0.126N	P=0.691N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.122N	P=0.496	P=0.080N	P=0.077N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/44.56	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	698	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.474N	P=0.501N	P=0.501N	P=0.492N
POLY 1.5	P=0.475N	P=0.500N	P=0.500N	P=0.496N
POLY 6	P=0.473N	P=0.503N	P=0.502N	P=0.487N
COCH-ARM / FISHERS	P=0.475N	P=0.500N	P=0.500N	P=0.505N
MAX-ISO-POLY-3	P=0.127N	P=0.160N	P=0.159N	P=0.160N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.43	2/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.374N	P=0.236	(e)	(e)
POLY 1.5	P=0.378N	P=0.237	(e)	(e)
POLY 6	P=0.371N	P=0.235	(e)	(e)
COCH-ARM / FISHERS	P=0.384N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.254N	P=0.076	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	2/50 (4%)	4/49 (8%)
POLY-3 RATE (b)	2/44.43	5/44.28	2/44.41	4/46.41
POLY-3 PERCENT (g)	4.5%	11.3%	4.5%	8.6%
TERMINAL (d)	2/34 (6%)	5/35 (14%)	2/35 (6%)	4/38 (11%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.469	P=0.214	P=0.694	P=0.357
POLY 1.5	P=0.454	P=0.216	P=0.693N	P=0.346
POLY 6	P=0.487	P=0.211	P=0.693	P=0.370
COCH-ARM / FISHERS	P=0.430	P=0.218	P=0.691N	P=0.329
MAX-ISO-POLY-3	P=0.372	P=0.118	P=0.499	P=0.223

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Necrosis Focal				
LESION RATES				
OVERALL (a)	15/50 (30%)	7/50 (14%)	8/50 (16%)	6/49 (12%)
POLY-3 RATE (b)	15/48.08	7/47.10	8/45.96	6/47.63
POLY-3 PERCENT (g)	31.2%	14.9%	17.4%	12.6%
TERMINAL (d)	8/34 (24%)	2/35 (6%)	4/35 (11%)	0/38 (0%)
FIRST INCIDENCE	402	500	571	630
STATISTICAL TESTS				
POLY 3	P=0.058N	P=0.048N*	P=0.093N	P=0.023N*
POLY 1.5	P=0.063N	P=0.046N*	P=0.086N	P=0.025N*
POLY 6	P=0.051N	P=0.050N*	P=0.098N	P=0.021N*
COCH-ARM / FISHERS	P=0.069N	P=0.045N*	P=0.077N	P=0.027N*
MAX-ISO-POLY-3	P=0.015N*	P=0.029N*	P=0.062N	P=0.012N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver: Hepatocyte Hypertrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/44.43	1/44.93	0/44.41	1/46.41
POLY-3 PERCENT (g)	0%	2.2%	0%	2.2%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	---	515	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.471	P=0.502	(e)	P=0.509
POLY 1.5	P=0.465	P=0.502	(e)	P=0.504
POLY 6	P=0.479	P=0.502	(e)	P=0.514
COCH-ARM / FISHERS	P=0.455	P=0.500	(e)	P=0.495
MAX-ISO-POLY-3	P=0.275	P=0.161	(e)	P=0.171

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver: Hepatocyte Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	1/45.11	2/45.33	1/44.93	0/46.41
POLY-3 PERCENT (g)	2.2%	4.4%	2.2%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	503	515	571	---
STATISTICAL TESTS				
POLY 3	P=0.228N	P=0.502	P=0.760	P=0.494N
POLY 1.5	P=0.233N	P=0.501	P=0.760	P=0.498N
POLY 6	P=0.223N	P=0.502	P=0.759	P=0.490N
COCH-ARM / FISHERS	P=0.239N	P=0.500	P=0.753N	P=0.505N
MAX-ISO-POLY-3	P=0.234N	P=0.282	P=0.498	P=0.160N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Liver: Kupffer Cell
Pigmentation

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung Congestion				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.46	3/45.36	1/44.51	0/47.41
POLY-3 PERCENT (g)	4.4%	6.6%	2.3%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	503	613	705	---
STATISTICAL TESTS				
POLY 3	P=0.099N	P=0.499	P=0.507N	P=0.228N
POLY 1.5	P=0.102N	P=0.500	P=0.504N	P=0.231N
POLY 6	P=0.096N	P=0.499	P=0.512N	P=0.224N
COCH-ARM / FISHERS	P=0.106N	P=0.500	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.114N	P=0.323	P=0.289N	P=0.076N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	6/50 (12%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/44.51	6/45.62	2/44.41	0/47.41
POLY-3 PERCENT (g)	4.5%	13.2%	4.5%	0%
TERMINAL (d)	1/34 (3%)	3/35 (9%)	2/35 (6%)	0/38 (0%)
FIRST INCIDENCE	709	500	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.041N*	P=0.141	P=0.693	P=0.223N
POLY 1.5	P=0.045N*	P=0.138	P=0.694N	P=0.229N
POLY 6	P=0.038N*	P=0.143	P=0.692	P=0.218N
COCH-ARM / FISHERS	P=0.052N	P=0.134	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.052N	P=0.076	P=0.498	P=0.076N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/44.43	0/44.28	0/44.41	2/47.41
POLY-3 PERCENT (g)	2.3%	0%	0%	4.2%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.202	P=0.501N	P=0.500N	P=0.523
POLY 1.5	P=0.198	P=0.500N	P=0.500N	P=0.514
POLY 6	P=0.208	P=0.502N	P=0.501N	P=0.532
COCH-ARM / FISHERS	P=0.191	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.165	P=0.159N	P=0.159N	P=0.305

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	8/50 (16%)	3/50 (6%)	8/50 (16%)	12/50 (24%)
POLY-3 RATE (b)	8/44.64	3/44.86	8/46.09	12/47.92
POLY-3 PERCENT (g)	17.9%	6.7%	17.4%	25%
TERMINAL (d)	6/34 (18%)	1/35 (3%)	5/35 (14%)	10/38 (26%)
FIRST INCIDENCE	698	641	521	590
STATISTICAL TESTS				
POLY 3	P=0.054	P=0.096N	P=0.581N	P=0.282
POLY 1.5	P=0.047*	P=0.097N	P=0.590N	P=0.260
POLY 6	P=0.062	P=0.095N	P=0.571N	P=0.306
COCH-ARM / FISHERS	P=0.040*	P=0.100N	P=0.607N	P=0.227
MAX-ISO-POLY-3	P=0.086	P=0.052N	P=0.471N	P=0.211

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	5/50 (10%)	6/50 (12%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	5/44.43	6/44.87	5/44.41	8/48.35
POLY-3 PERCENT (g)	11.3%	13.4%	11.3%	16.6%
TERMINAL (d)	5/34 (15%)	4/35 (11%)	5/35 (14%)	5/38 (13%)
FIRST INCIDENCE	729 (T)	613	729 (T)	590
STATISTICAL TESTS				
POLY 3	P=0.283	P=0.507	P=0.630	P=0.333
POLY 1.5	P=0.260	P=0.505	P=0.630N	P=0.310
POLY 6	P=0.315	P=0.509	P=0.629	P=0.362
COCH-ARM / FISHERS	P=0.227	P=0.500	P=0.630N	P=0.277
MAX-ISO-POLY-3	P=0.380	P=0.380	P=0.499	P=0.242

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
<hr/>				
Lymph Node Ectasia				
<hr/>				
LESION RATES				
OVERALL (a)	0/5 (0%)	0/5 (0%)	0/4 (0%)	0/6 (0%)
POLY-3 RATE (b)	0/3.61	0/3.33	0/3.79	0/5.67
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	0/3 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node Hemorrhage				
LESION RATES				
OVERALL (a)	1/5 (20%)	0/5 (0%)	0/4 (0%)	0/6 (0%)
POLY-3 RATE (b)	1/3.84	0/3.33	0/3.79	0/5.67
POLY-3 PERCENT (g)	26.1%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	0/3 (0%)	0/4 (0%)
FIRST INCIDENCE	668	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.438N	P=0.529N	P=0.502N	P=0.421N
POLY 1.5	P=0.438N	P=0.514N	P=0.521N	P=0.439N
POLY 6	P=0.444N	P=0.557N	P=0.477N	P=0.396N
COCH-ARM / FISHERS	P=0.440N	P=0.500N	P=0.556N	P=0.455N
MAX-ISO-POLY-3	P=0.121N	P=0.185N	P=0.166N	P=0.137N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Lymph Node, Mandibular Atrophy

LESION RATES

OVERALL (a)	3/49 (6%)	0/46 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	3/43.81	0/42.01	0/44.41	1/46.41
POLY-3 PERCENT (g)	6.9%	0%	0%	2.2%
TERMINAL (d)	3/34 (9%)	0/35 (0%)	0/35 (0%)	1/37 (3%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)

STATISTICAL TESTS

POLY 3	P=0.432N	P=0.126N	P=0.116N	P=0.285N
POLY 1.5	P=0.433N	P=0.127N	P=0.115N	P=0.293N
POLY 6	P=0.429N	P=0.124N	P=0.117N	P=0.277N
COCH-ARM / FISHERS	P=0.435N	P=0.133N	P=0.117N	P=0.309N
MAX-ISO-POLY-3	P=0.045N*	P=0.042N*	P=0.037N*	P=0.147N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mandibular Hemorrhage				
LESION RATES				
OVERALL (a)	1/49 (2%)	1/46 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/43.87	1/42.01	0/44.41	0/46.41
POLY-3 PERCENT (g)	2.3%	2.4%	0%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/35 (0%)	0/37 (0%)
FIRST INCIDENCE	714	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.296N	P=0.751	P=0.498N	P=0.489N
POLY 1.5	P=0.299N	P=0.749	P=0.497N	P=0.493N
POLY 6	P=0.294N	P=0.752	P=0.499N	P=0.485N
COCH-ARM / FISHERS	P=0.301N	P=0.737	P=0.495N	P=0.500N
MAX-ISO-POLY-3	P=0.251N	P=0.487	P=0.157N	P=0.158N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/49 (4%)	1/46 (2%)	0/50 (0%)	6/49 (12%)
POLY-3 RATE (b)	2/43.81	1/42.01	0/44.41	6/46.41
POLY-3 PERCENT (g)	4.6%	2.4%	0%	12.9%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	0/35 (0%)	6/37 (16%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.015*	P=0.515N	P=0.234N	P=0.152
POLY 1.5	P=0.014*	P=0.517N	P=0.233N	P=0.145
POLY 6	P=0.015*	P=0.512N	P=0.236N	P=0.159
COCH-ARM / FISHERS	P=0.014*	P=0.524N	P=0.242N	P=0.134
MAX-ISO-POLY-3	P=0.018*	P=0.294N	P=0.075N	P=0.087

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Atrophy				
LESION RATES				
OVERALL (a)	9/49 (18%)	4/44 (9%)	4/49 (8%)	8/45 (18%)
POLY-3 RATE (b)	9/44.63	4/39.59	4/43.84	8/43.17
POLY-3 PERCENT (g)	20.2%	10.1%	9.1%	18.5%
TERMINAL (d)	6/34 (18%)	3/33 (9%)	2/35 (6%)	5/37 (14%)
FIRST INCIDENCE	503	500	698	630
STATISTICAL TESTS				
POLY 3	P=0.414	P=0.165N	P=0.120N	P=0.530N
POLY 1.5	P=0.395	P=0.162N	P=0.118N	P=0.548N
POLY 6	P=0.437	P=0.168N	P=0.123N	P=0.509N
COCH-ARM / FISHERS	P=0.370	P=0.162N	P=0.116N	P=0.578N
MAX-ISO-POLY-3	P=0.255N	P=0.107N	P=0.072N	P=0.422N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	3/49 (6%)	0/44 (0%)	2/49 (4%)	0/45 (0%)
POLY-3 RATE (b)	3/43.51	0/38.91	2/43.62	0/42.74
POLY-3 PERCENT (g)	6.9%	0%	4.6%	0%
TERMINAL (d)	3/34 (9%)	0/33 (0%)	2/35 (6%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.164N	P=0.139N	P=0.499N	P=0.121N
POLY 1.5	P=0.171N	P=0.139N	P=0.499N	P=0.126N
POLY 6	P=0.157N	P=0.139N	P=0.499N	P=0.116N
COCH-ARM / FISHERS	P=0.181N	P=0.142N	P=0.500N	P=0.137N
MAX-ISO-POLY-3	P=0.047N*	P=0.051N	P=0.323N	P=0.041N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hemorrhage				
LESION RATES				
OVERALL (a)	3/49 (6%)	3/44 (7%)	2/49 (4%)	2/45 (4%)
POLY-3 RATE (b)	3/44.32	3/38.91	2/43.71	2/43.04
POLY-3 PERCENT (g)	6.8%	7.7%	4.6%	4.7%
TERMINAL (d)	0/34 (0%)	3/33 (9%)	1/35 (3%)	1/37 (3%)
FIRST INCIDENCE	619	729 (T)	705	645
STATISTICAL TESTS				
POLY 3	P=0.401N	P=0.601	P=0.506N	P=0.513N
POLY 1.5	P=0.413N	P=0.607	P=0.503N	P=0.523N
POLY 6	P=0.388N	P=0.593	P=0.512N	P=0.504N
COCH-ARM / FISHERS	P=0.430N	P=0.609	P=0.500N	P=0.541N
MAX-ISO-POLY-3	P=0.485N	P=0.435	P=0.330N	P=0.336N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hyperplasia				
LESION RATES				
OVERALL (a)	2/49 (4%)	2/44 (5%)	2/49 (4%)	4/45 (9%)
POLY-3 RATE (b)	2/44.15	2/38.91	2/43.62	4/42.74
POLY-3 PERCENT (g)	4.5%	5.1%	4.6%	9.4%
TERMINAL (d)	1/34 (3%)	2/33 (6%)	2/35 (6%)	4/37 (11%)
FIRST INCIDENCE	521	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.219	P=0.648	P=0.690	P=0.322
POLY 1.5	P=0.210	P=0.651	P=0.692	P=0.313
POLY 6	P=0.229	P=0.645	P=0.687	P=0.332
COCH-ARM / FISHERS	P=0.195	P=0.650	P=0.691N	P=0.299
MAX-ISO-POLY-3	P=0.276	P=0.449	P=0.494	P=0.190

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	4/49 (8%)	2/44 (5%)	2/49 (4%)	6/45 (13%)
POLY-3 RATE (b)	4/44.15	2/38.91	2/43.62	6/42.74
POLY-3 PERCENT (g)	9.1%	5.1%	4.6%	14%
TERMINAL (d)	3/34 (9%)	2/33 (6%)	2/35 (6%)	6/37 (16%)
FIRST INCIDENCE	521	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.142	P=0.397N	P=0.342N	P=0.349
POLY 1.5	P=0.134	P=0.393N	P=0.340N	P=0.336
POLY 6	P=0.151	P=0.401N	P=0.345N	P=0.363
COCH-ARM / FISHERS	P=0.124	P=0.391N	P=0.339N	P=0.317
MAX-ISO-POLY-3	P=0.152	P=0.255N	P=0.206N	P=0.236

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Infiltration Cellular Neutrophil				
LESION RATES				
OVERALL (a)	2/49 (4%)	1/44 (2%)	2/49 (4%)	3/45 (7%)
POLY-3 RATE (b)	2/44.15	1/38.91	2/43.62	3/42.74
POLY-3 PERCENT (g)	4.5%	2.6%	4.6%	7%
TERMINAL (d)	1/34 (3%)	1/33 (3%)	2/35 (6%)	3/37 (8%)
FIRST INCIDENCE	521	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.310	P=0.544N	P=0.690	P=0.485
POLY 1.5	P=0.299	P=0.541N	P=0.692	P=0.476
POLY 6	P=0.322	P=0.547N	P=0.687	P=0.496
COCH-ARM / FISHERS	P=0.282	P=0.541N	P=0.691N	P=0.459
MAX-ISO-POLY-3	P=0.369	P=0.323N	P=0.494	P=0.311

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Lymph Node: Iliac
Ectasia

LESION RATES

OVERALL (a)	0/5 (0%)	0/5 (0%)	0/4 (0%)	0/6 (0%)
POLY-3 RATE (b)	0/3.61	0/3.33	0/3.79	0/5.67
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	0/3 (0%)	0/4 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node: Iliac Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/5 (40%)	0/5 (0%)	1/4 (25%)	0/6 (0%)
POLY-3 RATE (b)	2/4.62	0/3.33	1/4.00	0/5.67
POLY-3 PERCENT (g)	43.3%	0%	25%	0%
TERMINAL (d)	0/1 (0%)	0/1 (0%)	0/3 (0%)	0/4 (0%)
FIRST INCIDENCE	521	---	675	---
STATISTICAL TESTS				
POLY 3	P=0.151N	P=0.288N	P=0.556N	P=0.154N
POLY 1.5	P=0.175N	P=0.249N	P=0.570N	P=0.159N
POLY 6	P=0.125N	P=0.353N	P=0.530N	P=0.144N
COCH-ARM / FISHERS	P=0.216N	P=0.222N	P=0.595N	P=0.182N
MAX-ISO-POLY-3	P=0.053N	P=0.113N	P=0.307N	P=0.038N*

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mesentery Hemorrhage				
LESION RATES				
OVERALL (a)	0/6 (0%)	3/12 (25%)	0/8 (0%)	1/6 (17%)
POLY-3 RATE (b)	0/5.62	3/11.42	0/7.80	1/6.00
POLY-3 PERCENT (g)	0%	26.3%	0%	16.7%
TERMINAL (d)	0/3 (0%)	2/8 (25%)	0/6 (0%)	1/6 (17%)
FIRST INCIDENCE	---	659	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.668	P=0.255	(e)	P=0.513
POLY 1.5	P=0.659	P=0.253	(e)	P=0.507
POLY 6	P=0.685	P=0.259	(e)	P=0.524
COCH-ARM / FISHERS	P=0.649	P=0.270	(e)	P=0.500
MAX-ISO-POLY-3	P=0.335	P=0.126	(e)	P=0.175

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	5/6 (83%)	5/12 (42%)	7/8 (88%)	4/6 (67%)
POLY-3 RATE (b)	5/5.77	5/11.48	7/8.00	4/6.00
POLY-3 PERCENT (g)	86.7%	43.6%	87.5%	66.7%
TERMINAL (d)	3/3 (100%)	4/8 (50%)	5/6 (83%)	4/6 (67%)
FIRST INCIDENCE	709	641	703	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.563	P=0.102N	P=0.772	P=0.454N
POLY 1.5	P=0.534	P=0.108N	P=0.736	P=0.476N
POLY 6	P=0.614	P=0.094N	P=0.771N	P=0.413N
COCH-ARM / FISHERS	P=0.503	P=0.120N	P=0.692	P=0.500N
MAX-ISO-POLY-3	P=0.299N	P=0.057N	P=0.483	P=0.223N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	1/44.50	0/44.28	0/44.41	3/47.45
POLY-3 PERCENT (g)	2.3%	0%	0%	6.3%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	712	---	---	719
STATISTICAL TESTS				
POLY 3	P=0.060	P=0.501N	P=0.500N	P=0.329
POLY 1.5	P=0.058	P=0.500N	P=0.500N	P=0.320
POLY 6	P=0.063	P=0.503N	P=0.501N	P=0.339
COCH-ARM / FISHERS	P=0.056	P=0.500N	P=0.500N	P=0.309
MAX-ISO-POLY-3	P=0.060	P=0.160N	P=0.159N	P=0.178

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose Inflammation				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/44.58	0/44.28	0/44.41	2/47.67
POLY-3 PERCENT (g)	2.2%	0%	0%	4.2%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	691	---	---	659
STATISTICAL TESTS				
POLY 3	P=0.203	P=0.501N	P=0.501N	P=0.523
POLY 1.5	P=0.198	P=0.500N	P=0.500N	P=0.514
POLY 6	P=0.210	P=0.503N	P=0.502N	P=0.533
COCH-ARM / FISHERS	P=0.191	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.166	P=0.160N	P=0.159N	P=0.306

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	6/50 (12%)	6/50 (12%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	6/45.55	6/45.76	5/45.36	5/47.45
POLY-3 PERCENT (g)	13.2%	13.1%	11%	10.5%
TERMINAL (d)	3/34 (9%)	3/35 (9%)	1/35 (3%)	4/38 (11%)
FIRST INCIDENCE	619	513	571	719
STATISTICAL TESTS				
POLY 3	P=0.406N	P=0.618N	P=0.503N	P=0.472N
POLY 1.5	P=0.417N	P=0.616N	P=0.501N	P=0.481N
POLY 6	P=0.394N	P=0.619	P=0.507N	P=0.464N
COCH-ARM / FISHERS	P=0.436N	P=0.620N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.554N	P=0.496N	P=0.376N	P=0.350N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/44.43	0/44.28	2/45.07	1/47.41
POLY-3 PERCENT (g)	0%	0%	4.4%	2.1%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	---	---	530	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.384	(e)	P=0.240	P=0.513
POLY 1.5	P=0.372	(e)	P=0.239	P=0.508
POLY 6	P=0.399	(e)	P=0.241	P=0.518
COCH-ARM / FISHERS	P=0.354	(e)	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.190	(e)	P=0.079	P=0.174

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pancreas				
Atrophy				
<hr/>				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.50	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
<hr/>				
Pancreas Cyst				
<hr/>				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.50	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pancreas				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.50	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Parathyroid Gland Cyst				
LESION RATES				
OVERALL (a)	2/48 (4%)	1/47 (2%)	1/48 (2%)	0/45 (0%)
POLY-3 RATE (b)	2/42.58	1/42.94	1/42.41	0/42.41
POLY-3 PERCENT (g)	4.7%	2.3%	2.4%	0%
TERMINAL (d)	2/33 (6%)	1/35 (3%)	1/33 (3%)	0/33 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.196N	P=0.497N	P=0.501N	P=0.238N
POLY 1.5	P=0.199N	P=0.501N	P=0.500N	P=0.243N
POLY 6	P=0.192N	P=0.495N	P=0.504N	P=0.233N
COCH-ARM / FISHERS	P=0.202N	P=0.508N	P=0.500N	P=0.264N
MAX-ISO-POLY-3	P=0.127N	P=0.280N	P=0.282N	P=0.079N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Pituitary Gland: Pars Distalis
Angiectasis

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.67	0/43.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pituitary Gland: Pars Distalis Cyst				
LESION RATES				
OVERALL (a)	4/49 (8%)	4/49 (8%)	5/50 (10%)	3/49 (6%)
POLY-3 RATE (b)	4/43.67	4/43.28	5/45.05	3/47.05
POLY-3 PERCENT (g)	9.2%	9.2%	11.1%	6.4%
TERMINAL (d)	4/34 (12%)	4/34 (12%)	4/35 (11%)	2/38 (5%)
FIRST INCIDENCE	729 (T)	729 (T)	521	521
STATISTICAL TESTS				
POLY 3	P=0.359N	P=0.639	P=0.520	P=0.459N
POLY 1.5	P=0.380N	P=0.642	P=0.518	P=0.475N
POLY 6	P=0.335N	P=0.633	P=0.520	P=0.444N
COCH-ARM / FISHERS	P=0.412N	P=0.643N	P=0.513	P=0.500N
MAX-ISO-POLY-3	P=0.463N	P=0.494	P=0.382	P=0.317N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.67	0/43.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pituitary Gland: Pars Distalis Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/49 (2%)	1/50 (2%)	2/49 (4%)
POLY-3 RATE (b)	0/43.67	1/43.28	1/44.41	2/46.41
POLY-3 PERCENT (g)	0%	2.3%	2.3%	4.3%
TERMINAL (d)	0/34 (0%)	1/34 (3%)	1/35 (3%)	2/38 (5%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.211	P=0.498	P=0.503	P=0.251
POLY 1.5	P=0.204	P=0.499	P=0.504	P=0.246
POLY 6	P=0.218	P=0.496	P=0.502	P=0.256
COCH-ARM / FISHERS	P=0.192	P=0.500	P=0.505	P=0.247
MAX-ISO-POLY-3	P=0.145	P=0.158	P=0.162	P=0.089

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Preputial Gland Cyst				
LESION RATES				
OVERALL (a)	3/50 (6%)	3/50 (6%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	3/44.81	3/44.34	7/44.41	5/47.79
POLY-3 PERCENT (g)	6.7%	6.8%	15.8%	10.5%
TERMINAL (d)	2/34 (6%)	2/35 (6%)	7/35 (20%)	2/38 (5%)
FIRST INCIDENCE	622	714	729 (T)	645
STATISTICAL TESTS				
POLY 3	P=0.352	P=0.658	P=0.153	P=0.392
POLY 1.5	P=0.330	P=0.660	P=0.156	P=0.379
POLY 6	P=0.379	P=0.653	P=0.148	P=0.408
COCH-ARM / FISHERS	P=0.298	P=0.661N	P=0.159	P=0.357
MAX-ISO-POLY-3	P=0.260	P=0.494	P=0.088	P=0.268

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Preputial Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	14/50 (28%)	21/50 (42%)	16/50 (32%)	21/50 (42%)
POLY-3 RATE (b)	14/45.72	21/47.16	16/45.65	21/48.35
POLY-3 PERCENT (g)	30.6%	44.5%	35.1%	43.4%
TERMINAL (d)	10/34 (29%)	14/35 (40%)	11/35 (31%)	16/38 (42%)
FIRST INCIDENCE	521	509	530	630
STATISTICAL TESTS				
POLY 3	P=0.242	P=0.119	P=0.410	P=0.140
POLY 1.5	P=0.219	P=0.113	P=0.413	P=0.125
POLY 6	P=0.272	P=0.125	P=0.407	P=0.161
COCH-ARM / FISHERS	P=0.188	P=0.104	P=0.414	P=0.104
MAX-ISO-POLY-3	P=0.169	P=0.084	P=0.326	P=0.104

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Prostate Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/48 (4%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	2/45.41
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	2/37 (5%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.041*	(e)	(e)	P=0.242
POLY 1.5	P=0.039*	(e)	(e)	P=0.237
POLY 6	P=0.042*	(e)	(e)	P=0.248
COCH-ARM / FISHERS	P=0.038*	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.039*	(e)	(e)	P=0.083

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Prostate Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	8/50 (16%)	6/50 (12%)	6/48 (13%)
POLY-3 RATE (b)	1/44.88	8/44.87	6/45.02	6/46.09
POLY-3 PERCENT (g)	2.2%	17.8%	13.3%	13%
TERMINAL (d)	0/34 (0%)	6/35 (17%)	5/35 (14%)	4/37 (11%)
FIRST INCIDENCE	598	613	534	521
STATISTICAL TESTS				
POLY 3	P=0.303	P=0.015*	P=0.056	P=0.060
POLY 1.5	P=0.283	P=0.016*	P=0.057	P=0.056
POLY 6	P=0.325	P=0.015*	P=0.055	P=0.065
COCH-ARM / FISHERS	P=0.253	P=0.015*	P=0.056	P=0.050*
MAX-ISO-POLY-3	P=0.052	P=0.006**	P=0.024*	P=0.028*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Prostate				
Polyarteritis				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/48 (4%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	2/45.41
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	2/37 (5%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.041*	(e)	(e)	P=0.242
POLY 1.5	P=0.039*	(e)	(e)	P=0.237
POLY 6	P=0.042*	(e)	(e)	P=0.248
COCH-ARM / FISHERS	P=0.038*	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.039*	(e)	(e)	P=0.083

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Prostate: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	27/50 (54%)	20/50 (40%)	16/50 (32%)	25/48 (52%)
POLY-3 RATE (b)	27/46.26	20/45.22	16/44.45	25/45.41
POLY-3 PERCENT (g)	58.4%	44.2%	36%	55.1%
TERMINAL (d)	23/34 (68%)	18/35 (51%)	15/35 (43%)	25/37 (68%)
FIRST INCIDENCE	503	500	719	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.411	P=0.120N	P=0.023N*	P=0.456N
POLY 1.5	P=0.387	P=0.116N	P=0.021N*	P=0.473N
POLY 6	P=0.439	P=0.129N	P=0.026N*	P=0.440N
COCH-ARM / FISHERS	P=0.353	P=0.115N	P=0.021N*	P=0.505N
MAX-ISO-POLY-3	P=0.152N	P=0.085N	P=0.015N*	P=0.371N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Salivary Glands Atrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.81	0/44.28	2/45.05	0/47.41
POLY-3 PERCENT (g)	2.2%	0%	4.4%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	622	---	521	---
STATISTICAL TESTS				
POLY 3	P=0.428N	P=0.502N	P=0.502	P=0.489N
POLY 1.5	P=0.437N	P=0.501N	P=0.502	P=0.493N
POLY 6	P=0.418N	P=0.505N	P=0.501	P=0.485N
COCH-ARM / FISHERS	P=0.450N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.333N	P=0.162N	P=0.282	P=0.158N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Salivary Glands				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	12/50 (24%)	13/50 (26%)	11/50 (22%)	10/50 (20%)
POLY-3 RATE (b)	12/44.54	13/45.12	11/44.93	10/48.44
POLY-3 PERCENT (g)	27%	28.8%	24.5%	20.6%
TERMINAL (d)	10/34 (29%)	11/35 (31%)	10/35 (29%)	7/38 (18%)
FIRST INCIDENCE	712	590	571	590
STATISTICAL TESTS				
POLY 3	P=0.221N	P=0.515	P=0.490N	P=0.320N
POLY 1.5	P=0.255N	P=0.510	P=0.493N	P=0.353N
POLY 6	P=0.183N	P=0.520	P=0.489N	P=0.281N
COCH-ARM / FISHERS	P=0.307N	P=0.500	P=0.500N	P=0.405N
MAX-ISO-POLY-3	P=0.355N	P=0.420	P=0.393N	P=0.247N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Salivary Glands				
Mineralization				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.51	2/44.28	1/45.05	0/47.41
POLY-3 PERCENT (g)	2.3%	4.5%	2.2%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	709	729 (T)	521	---
STATISTICAL TESTS				
POLY 3	P=0.221N	P=0.498	P=0.758N	P=0.487N
POLY 1.5	P=0.227N	P=0.500	P=0.759N	P=0.492N
POLY 6	P=0.215N	P=0.495	P=0.758N	P=0.482N
COCH-ARM / FISHERS	P=0.235N	P=0.500	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.231N	P=0.279	P=0.496N	P=0.158N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Seminal Vesicle Infiltration Cellular				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	1/44.43	0/44.28	0/44.41	2/46.45
POLY-3 PERCENT (g)	2.3%	0%	0%	4.3%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	729 (T)	---	---	718
STATISTICAL TESTS				
POLY 3	P=0.197	P=0.501N	P=0.500N	P=0.515
POLY 1.5	P=0.192	P=0.500N	P=0.500N	P=0.507
POLY 6	P=0.203	P=0.502N	P=0.501N	P=0.525
COCH-ARM / FISHERS	P=0.186	P=0.500N	P=0.500N	P=0.492
MAX-ISO-POLY-3	P=0.157	P=0.159N	P=0.159N	P=0.298

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Seminal Vesicle				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/44.43	0/44.28	0/44.41	0/46.41
POLY-3 PERCENT (g)	4.5%	0%	0%	0%
TERMINAL (d)	2/34 (6%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.236N	P=0.238N	P=0.237N	P=0.228N
POLY 1.5	P=0.238N	P=0.237N	P=0.237N	P=0.233N
POLY 6	P=0.234N	P=0.239N	P=0.238N	P=0.222N
COCH-ARM / FISHERS	P=0.241N	P=0.247N	P=0.247N	P=0.253N
MAX-ISO-POLY-3	P=0.035N*	P=0.077N	P=0.076N	P=0.077N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Seminal Vesicle Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	4/50 (8%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	1/44.43	4/44.69	0/44.41	1/46.45
POLY-3 PERCENT (g)	2.3%	9%	0%	2.2%
TERMINAL (d)	1/34 (3%)	3/35 (9%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	613	---	718
STATISTICAL TESTS				
POLY 3	P=0.326N	P=0.180	P=0.500N	P=0.751N
POLY 1.5	P=0.333N	P=0.180	P=0.500N	P=0.756N
POLY 6	P=0.317N	P=0.179	P=0.501N	P=0.744N
COCH-ARM / FISHERS	P=0.346N	P=0.181	P=0.500N	P=0.747
MAX-ISO-POLY-3	P=0.192N	P=0.085	P=0.159N	P=0.487N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Edema				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	2/44.46	1/44.62	0/47.41
POLY-3 PERCENT (g)	0%	4.5%	2.2%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	683	675	---
STATISTICAL TESTS				
POLY 3	P=0.366N	P=0.237	P=0.501	(e)
POLY 1.5	P=0.374N	P=0.238	P=0.501	(e)
POLY 6	P=0.358N	P=0.236	P=0.501	(e)
COCH-ARM / FISHERS	P=0.385N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.334N	P=0.076	P=0.160	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Hyperkeratosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	1/44.43	3/44.93	1/44.62	5/47.80
POLY-3 PERCENT (g)	2.3%	6.7%	2.2%	10.5%
TERMINAL (d)	1/34 (3%)	2/35 (6%)	0/35 (0%)	3/38 (8%)
FIRST INCIDENCE	729 (T)	515	675	630
STATISTICAL TESTS				
POLY 3	P=0.087	P=0.309	P=0.760N	P=0.119
POLY 1.5	P=0.082	P=0.308	P=0.760N	P=0.112
POLY 6	P=0.095	P=0.309	P=0.760N	P=0.128
COCH-ARM / FISHERS	P=0.075	P=0.309	P=0.753N	P=0.102
MAX-ISO-POLY-3	P=0.074	P=0.158	P=0.498N	P=0.061

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Hyperplasia Melanocyte				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	1/44.93	0/44.41	0/47.41
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	515	---	---
STATISTICAL TESTS				
POLY 3	P=0.579N	P=0.502	(e)	(e)
POLY 1.5	P=0.582N	P=0.502	(e)	(e)
POLY 6	P=0.577N	P=0.502	(e)	(e)
COCH-ARM / FISHERS	P=0.585N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.390N	P=0.161	(e)	(e)

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Inflammation Acute				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.43	0/44.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)	6/50 (12%)
POLY-3 RATE (b)	0/44.43	3/45.11	2/44.41	6/47.76
POLY-3 PERCENT (g)	0%	6.7%	4.5%	12.6%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	2/35 (6%)	5/38 (13%)
FIRST INCIDENCE	---	515	729 (T)	630
STATISTICAL TESTS				
POLY 3	P=0.019*	P=0.121	P=0.237	P=0.020*
POLY 1.5	P=0.017*	P=0.121	P=0.237	P=0.018*
POLY 6	P=0.021*	P=0.122	P=0.236	P=0.022*
COCH-ARM / FISHERS	P=0.016*	P=0.121	P=0.247	P=0.013*
MAX-ISO-POLY-3	P=0.011*	P=0.040*	P=0.076	P=0.008**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Epidermis Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	0/44.43	2/44.93	0/44.41	4/47.76
POLY-3 PERCENT (g)	0%	4.5%	0%	8.4%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/35 (0%)	3/38 (8%)
FIRST INCIDENCE	---	515	---	630
STATISTICAL TESTS				
POLY 3	P=0.037*	P=0.240	(e)	P=0.070
POLY 1.5	P=0.034*	P=0.239	(e)	P=0.066
POLY 6	P=0.039*	P=0.239	(e)	P=0.075
COCH-ARM / FISHERS	P=0.033*	P=0.247	(e)	P=0.059
MAX-ISO-POLY-3	P=0.022*	P=0.078	(e)	P=0.027*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Epidermis, Site of Application				
Hyperplasia				
LESION RATES				
OVERALL (a)	7/50 (14%)	13/50 (26%)	29/50 (58%)	37/50 (74%)
POLY-3 RATE (b)	7/45.75	13/44.65	29/47.64	37/48.33
POLY-3 PERCENT (g)	15.3%	29.1%	60.9%	76.6%
TERMINAL (d)	2/34 (6%)	12/35 (34%)	23/35 (66%)	29/38 (76%)
FIRST INCIDENCE	521	626	471	630
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.090	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.097	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.080	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.105	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.057	P<0.001**	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Fibrosis				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	0/44.43	1/44.28	5/45.17	1/47.41
POLY-3 PERCENT (g)	0%	2.3%	11.1%	2.1%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	3/35 (9%)	1/38 (3%)
FIRST INCIDENCE	---	729 (T)	521	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.583	P=0.499	P=0.032*	P=0.513
POLY 1.5	P=0.563	P=0.500	P=0.031*	P=0.508
POLY 6	P=0.604	P=0.498	P=0.032*	P=0.518
COCH-ARM / FISHERS	P=0.533	P=0.500	P=0.028*	P=0.500
MAX-ISO-POLY-3	P=0.089	P=0.158	P=0.011*	P=0.174

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Hyperkeratosis				
LESION RATES				
OVERALL (a)	17/50 (34%)	19/50 (38%)	26/50 (52%)	40/50 (80%)
POLY-3 RATE (b)	17/45.75	19/45.79	26/47.64	40/48.33
POLY-3 PERCENT (g)	37.2%	41.5%	54.6%	82.8%
TERMINAL (d)	12/34 (35%)	15/35 (43%)	20/35 (57%)	32/38 (84%)
FIRST INCIDENCE	521	515	471	630
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.416	P=0.065	P<0.001**
POLY 1.5	P<0.001**	P=0.419	P=0.061	P<0.001**
POLY 6	P<0.001**	P=0.409	P=0.068	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.418	P=0.053	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.334	P=0.045*	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Hyperplasia Melanocyte				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	23/50 (46%)	44/50 (88%)
POLY-3 RATE (b)	0/44.43	1/44.28	23/46.81	44/49.37
POLY-3 PERCENT (g)	0%	2.3%	49.1%	89.1%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	17/35 (49%)	33/38 (87%)
FIRST INCIDENCE	---	729 (T)	471	590
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.499	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.498	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	P<0.001**	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	8/50 (16%)	15/50 (30%)	43/50 (86%)
POLY-3 RATE (b)	1/44.81	8/44.63	15/45.14	43/48.54
POLY-3 PERCENT (g)	2.2%	17.9%	33.2%	88.6%
TERMINAL (d)	0/34 (0%)	7/35 (20%)	14/35 (40%)	34/38 (90%)
FIRST INCIDENCE	622	631	471	645
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.015*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.016*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.014*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.015*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.006**	P<0.001**	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	0/44.43	2/44.28	2/44.54	5/47.61
POLY-3 PERCENT (g)	0%	4.5%	4.5%	10.5%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	1/35 (3%)	4/38 (11%)
FIRST INCIDENCE	---	729 (T)	698	676
STATISTICAL TESTS				
POLY 3	P=0.026*	P=0.236	P=0.238	P=0.037*
POLY 1.5	P=0.024*	P=0.237	P=0.238	P=0.034*
POLY 6	P=0.029*	P=0.235	P=0.237	P=0.040*
COCH-ARM / FISHERS	P=0.021*	P=0.247	P=0.247	P=0.028*
MAX-ISO-POLY-3	P=0.019*	P=0.076	P=0.076	P=0.014*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	11/48 (23%)	16/47 (34%)	16/49 (33%)	20/49 (41%)
POLY-3 RATE (b)	11/45.99	16/44.05	16/46.05	20/47.53
POLY-3 PERCENT (g)	23.9%	36.3%	34.7%	42.1%
TERMINAL (d)	5/34 (15%)	12/35 (34%)	10/35 (29%)	15/38 (40%)
FIRST INCIDENCE	503	500	530	590
STATISTICAL TESTS				
POLY 3	P=0.078	P=0.145	P=0.181	P=0.048*
POLY 1.5	P=0.075	P=0.154	P=0.189	P=0.047*
POLY 6	P=0.082	P=0.133	P=0.173	P=0.048*
COCH-ARM / FISHERS	P=0.070	P=0.165	P=0.200	P=0.047*
MAX-ISO-POLY-3	P=0.051	P=0.102	P=0.128	P=0.031*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen Pigmentation				
LESION RATES				
OVERALL (a)	0/48 (0%)	1/47 (2%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.37	1/42.76	0/43.93	0/46.41
POLY-3 PERCENT (g)	0%	2.3%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	613	---	---
STATISTICAL TESTS				
POLY 3	P=0.576N	P=0.497	(e)	(e)
POLY 1.5	P=0.578N	P=0.497	(e)	(e)
POLY 6	P=0.574N	P=0.497	(e)	(e)
COCH-ARM / FISHERS	P=0.581N	P=0.495	(e)	(e)
MAX-ISO-POLY-3	P=0.385N	P=0.157	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen: Lymphoid Follicle Atrophy				
LESION RATES				
OVERALL (a)	1/48 (2%)	4/47 (9%)	2/49 (4%)	2/49 (4%)
POLY-3 RATE (b)	1/43.75	4/43.10	2/44.07	2/46.45
POLY-3 PERCENT (g)	2.3%	9.3%	4.5%	4.3%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	619	641	705	719
STATISTICAL TESTS				
POLY 3	P=0.534N	P=0.174	P=0.503	P=0.521
POLY 1.5	P=0.541N	P=0.174	P=0.505	P=0.516
POLY 6	P=0.528N	P=0.174	P=0.499	P=0.525
COCH-ARM / FISHERS	P=0.554N	P=0.174	P=0.508	P=0.508
MAX-ISO-POLY-3	P=0.352	P=0.081	P=0.283	P=0.302

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen: Lymphoid Follicle Hyperplasia				
LESION RATES				
OVERALL (a)	0/48 (0%)	1/47 (2%)	2/49 (4%)	3/49 (6%)
POLY-3 RATE (b)	0/43.37	1/42.36	2/43.93	3/46.41
POLY-3 PERCENT (g)	0%	2.4%	4.6%	6.5%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	2/35 (6%)	3/38 (8%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.102	P=0.495	P=0.240	P=0.131
POLY 1.5	P=0.098	P=0.496	P=0.241	P=0.128
POLY 6	P=0.106	P=0.494	P=0.238	P=0.134
COCH-ARM / FISHERS	P=0.091	P=0.495	P=0.253	P=0.125
MAX-ISO-POLY-3	P=0.079	P=0.157	P=0.077	P=0.048*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Erosion				
LESION RATES				
OVERALL (a)	4/50 (8%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	4/44.43	0/44.28	2/45.32	0/47.41
POLY-3 PERCENT (g)	9%	0%	4.4%	0%
TERMINAL (d)	4/34 (12%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	---	530	---
STATISTICAL TESTS				
POLY 3	P=0.093N	P=0.060N	P=0.328N	P=0.052N
POLY 1.5	P=0.098N	P=0.060N	P=0.332N	P=0.056N
POLY 6	P=0.088N	P=0.061N	P=0.324N	P=0.049N*
COCH-ARM / FISHERS	P=0.106N	P=0.059N	P=0.339N	P=0.059N
MAX-ISO-POLY-3	P=0.014N*	P=0.020N*	P=0.196N	P=0.019N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	0/44.43	3/44.60	3/45.66	3/47.88
POLY-3 PERCENT (g)	0%	6.7%	6.6%	6.3%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	1/35 (3%)	2/38 (5%)
FIRST INCIDENCE	---	641	521	590
STATISTICAL TESTS				
POLY 3	P=0.293	P=0.119	P=0.124	P=0.133
POLY 1.5	P=0.278	P=0.119	P=0.122	P=0.127
POLY 6	P=0.312	P=0.119	P=0.125	P=0.139
COCH-ARM / FISHERS	P=0.255	P=0.121	P=0.121	P=0.121
MAX-ISO-POLY-3	P=0.130	P=0.038*	P=0.042*	P=0.050*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	2/44.50	2/44.93	5/44.65	1/47.41
POLY-3 PERCENT (g)	4.5%	4.5%	11.2%	2.1%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	2/35 (6%)	1/38 (3%)
FIRST INCIDENCE	712	590	703	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.335N	P=0.691N	P=0.217	P=0.478N
POLY 1.5	P=0.350N	P=0.691N	P=0.217	P=0.486N
POLY 6	P=0.320N	P=0.690N	P=0.217	P=0.469N
COCH-ARM / FISHERS	P=0.372N	P=0.691N	P=0.218	P=0.500N
MAX-ISO-POLY-3	P=0.280N	P=0.495N	P=0.120	P=0.269N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	5/50 (10%)	7/50 (14%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	5/44.43	7/45.17	7/46.06	6/47.88
POLY-3 PERCENT (g)	11.3%	15.5%	15.2%	12.5%
TERMINAL (d)	5/34 (15%)	3/35 (9%)	3/35 (9%)	5/38 (13%)
FIRST INCIDENCE	729 (T)	590	521	590
STATISTICAL TESTS				
POLY 3	P=0.530N	P=0.390	P=0.404	P=0.552
POLY 1.5	P=0.554N	P=0.386	P=0.395	P=0.532
POLY 6	P=0.503N	P=0.396	P=0.416	P=0.575
COCH-ARM / FISHERS	P=0.555	P=0.380	P=0.380	P=0.500
MAX-ISO-POLY-3	P=0.535	P=0.281	P=0.294	P=0.426

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Cyst				
LESION RATES				
OVERALL (a)	2/47 (4%)	1/49 (2%)	13/49 (27%)	5/48 (10%)
POLY-3 RATE (b)	2/42.35	1/43.63	13/43.62	5/45.45
POLY-3 PERCENT (g)	4.7%	2.3%	29.8%	11%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	13/35 (37%)	5/38 (13%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.215	P=0.490N	P=0.002**	P=0.246
POLY 1.5	P=0.198	P=0.487N	P=0.002**	P=0.238
POLY 6	P=0.234	P=0.494N	P=0.002**	P=0.252
COCH-ARM / FISHERS	P=0.182	P=0.484N	P=0.002**	P=0.226
MAX-ISO-POLY-3	P=0.011*	P=0.272N	P<0.001**	P=0.146

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Erosion				
LESION RATES				
OVERALL (a)	2/47 (4%)	1/49 (2%)	3/49 (6%)	1/48 (2%)
POLY-3 RATE (b)	2/42.73	1/43.63	3/44.59	1/45.45
POLY-3 PERCENT (g)	4.7%	2.3%	6.7%	2.2%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	1/35 (3%)	1/38 (3%)
FIRST INCIDENCE	622	729 (T)	571	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.441N	P=0.493N	P=0.519	P=0.478N
POLY 1.5	P=0.451N	P=0.489N	P=0.520	P=0.483N
POLY 6	P=0.431N	P=0.499N	P=0.518	P=0.475N
COCH-ARM / FISHERS	P=0.466N	P=0.484N	P=0.520	P=0.492N
MAX-ISO-POLY-3	P=0.450N	P=0.274N	P=0.343	P=0.268N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Inflammation Acute				
LESION RATES				
OVERALL (a)	1/47 (2%)	0/49 (0%)	5/49 (10%)	1/48 (2%)
POLY-3 RATE (b)	1/42.35	0/43.63	5/43.62	1/45.45
POLY-3 PERCENT (g)	2.4%	0%	11.5%	2.2%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	5/35 (14%)	1/38 (3%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.617	P=0.494N	P=0.107	P=0.745N
POLY 1.5	P=0.603	P=0.493N	P=0.110	P=0.749N
POLY 6	P=0.633	P=0.497N	P=0.104	P=0.741N
COCH-ARM / FISHERS	P=0.578	P=0.490N	P=0.112	P=0.747N
MAX-ISO-POLY-3	P=0.150	P=0.156N	P=0.048*	P=0.479N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/49 (0%)	0/49 (0%)	2/48 (4%)
POLY-3 RATE (b)	0/42.35	0/43.63	0/43.62	2/45.45
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.043*	(e)	(e)	P=0.253
POLY 1.5	P=0.042*	(e)	(e)	P=0.249
POLY 6	P=0.045*	(e)	(e)	P=0.257
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.253
MAX-ISO-POLY-3	P=0.045*	(e)	(e)	P=0.090

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Metaplasia				
LESION RATES				
OVERALL (a)	1/47 (2%)	2/49 (4%)	1/49 (2%)	1/48 (2%)
POLY-3 RATE (b)	1/42.41	2/43.63	1/43.62	1/45.45
POLY-3 PERCENT (g)	2.4%	4.6%	2.3%	2.2%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	1/35 (3%)	1/38 (3%)
FIRST INCIDENCE	714	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.521N	P=0.510	P=0.754N	P=0.745N
POLY 1.5	P=0.527N	P=0.513	P=0.753N	P=0.749N
POLY 6	P=0.514N	P=0.505	P=0.757N	P=0.742N
COCH-ARM / FISHERS	P=0.538N	P=0.516	P=0.742N	P=0.747N
MAX-ISO-POLY-3	P=0.571N	P=0.290	P=0.491N	P=0.480N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Mineralization				
LESION RATES				
OVERALL (a)	0/47 (0%)	3/49 (6%)	2/49 (4%)	0/48 (0%)
POLY-3 RATE (b)	0/42.35	3/43.95	2/44.51	0/45.45
POLY-3 PERCENT (g)	0%	6.8%	4.5%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	641	534	---
STATISTICAL TESTS				
POLY 3	P=0.269N	P=0.125	P=0.248	(e)
POLY 1.5	P=0.276N	P=0.126	P=0.248	(e)
POLY 6	P=0.263N	P=0.124	P=0.248	(e)
COCH-ARM / FISHERS	P=0.289N	P=0.129	P=0.258	(e)
MAX-ISO-POLY-3	P=0.235N	P=0.042*	P=0.084	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	1/47 (2%)	2/49 (4%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	1/42.41	2/43.81	0/43.62	0/45.45
POLY-3 PERCENT (g)	2.4%	4.6%	0%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	714	683	---	---
STATISTICAL TESTS				
POLY 3	P=0.206N	P=0.511	P=0.494N	P=0.486N
POLY 1.5	P=0.209N	P=0.513	P=0.493N	P=0.490N
POLY 6	P=0.204N	P=0.508	P=0.497N	P=0.483N
COCH-ARM / FISHERS	P=0.213N	P=0.516	P=0.490N	P=0.495N
MAX-ISO-POLY-3	P=0.176N	P=0.291	P=0.156N	P=0.157N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/47 (4%)	1/49 (2%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	2/42.35	1/43.63	0/43.62	0/45.45
POLY-3 PERCENT (g)	4.7%	2.3%	0%	0%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.162N	P=0.490N	P=0.230N	P=0.222N
POLY 1.5	P=0.164N	P=0.487N	P=0.229N	P=0.226N
POLY 6	P=0.159N	P=0.494N	P=0.233N	P=0.218N
COCH-ARM / FISHERS	P=0.168N	P=0.484N	P=0.237N	P=0.242N
MAX-ISO-POLY-3	P=0.076N	P=0.272N	P=0.073N	P=0.074N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Testes: Germinal Epithelium Atrophy				
LESION RATES				
OVERALL (a)	6/50 (12%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	6/45.84	3/44.28	1/44.41	1/47.41
POLY-3 PERCENT (g)	13.1%	6.8%	2.3%	2.1%
TERMINAL (d)	3/34 (9%)	3/35 (9%)	1/35 (3%)	1/38 (3%)
FIRST INCIDENCE	521	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.049N*	P=0.259N	P=0.061N	P=0.051N
POLY 1.5	P=0.052N	P=0.251N	P=0.059N	P=0.053N
POLY 6	P=0.046N*	P=0.271N	P=0.064N	P=0.049N*
COCH-ARM / FISHERS	P=0.057N	P=0.243N	P=0.056N	P=0.056N
MAX-ISO-POLY-3	P=0.020N*	P=0.164N	P=0.028N*	P=0.023N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thymus Cyst				
LESION RATES				
OVERALL (a)	10/44 (23%)	7/48 (15%)	4/46 (9%)	4/40 (10%)
POLY-3 RATE (b)	10/39.33	7/43.55	4/40.84	4/38.39
POLY-3 PERCENT (g)	25.4%	16.1%	9.8%	10.4%
TERMINAL (d)	8/30 (27%)	4/35 (11%)	3/33 (9%)	4/32 (13%)
FIRST INCIDENCE	521	610	698	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.092N	P=0.217N	P=0.058N	P=0.075N
POLY 1.5	P=0.101N	P=0.223N	P=0.058N	P=0.084N
POLY 6	P=0.084N	P=0.210N	P=0.058N	P=0.065N
COCH-ARM / FISHERS	P=0.116N	P=0.231N	P=0.060N	P=0.101N
MAX-ISO-POLY-3	P=0.048N*	P=0.152N	P=0.032N*	P=0.042N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thymus Hemorrhage				
LESION RATES				
OVERALL (a)	0/44 (0%)	0/48 (0%)	0/46 (0%)	0/40 (0%)
POLY-3 RATE (b)	0/38.62	0/42.41	0/40.72	0/38.39
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/35 (0%)	0/33 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thyroid Gland: Follicle Degeneration Focal				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/49 (2%)	0/50 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/44.43	1/43.94	0/44.41	2/46.41
POLY-3 PERCENT (g)	0%	2.3%	0%	4.3%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.157	P=0.498	(e)	P=0.247
POLY 1.5	P=0.152	P=0.497	(e)	P=0.242
POLY 6	P=0.162	P=0.497	(e)	P=0.253
COCH-ARM / FISHERS	P=0.146	P=0.495	(e)	P=0.242
MAX-ISO-POLY-3	P=0.093	P=0.157	(e)	P=0.087

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Thyroid Gland: Follicular Cell
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.43	0/43.94	0/44.41	0/46.41
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thyroid Gland: Follicular Cell Hyperplasia Focal				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	0/44.43	0/43.94	1/44.41	1/46.41
POLY-3 PERCENT (g)	0%	0%	2.3%	2.2%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/35 (3%)	1/38 (3%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.323	(e)	P=0.500	P=0.509
POLY 1.5	P=0.315	(e)	P=0.500	P=0.504
POLY 6	P=0.332	(e)	P=0.499	P=0.514
COCH-ARM / FISHERS	P=0.302	(e)	P=0.500	P=0.495
MAX-ISO-POLY-3	P=0.268	(e)	P=0.158	P=0.171

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Urinary Bladder				
Edema				
LESION RATES				
OVERALL (a)	0/49 (0%)	3/48 (6%)	0/49 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/43.92	3/43.53	0/43.62	0/45.45
POLY-3 PERCENT (g)	0%	6.9%	0%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	613	---	---
STATISTICAL TESTS				
POLY 3	P=0.253N	P=0.117	(e)	(e)
POLY 1.5	P=0.258N	P=0.116	(e)	(e)
POLY 6	P=0.247N	P=0.118	(e)	(e)
COCH-ARM / FISHERS	P=0.268N	P=0.117	(e)	(e)
MAX-ISO-POLY-3	P=0.170N	P=0.037*	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Urinary Bladder Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/49 (2%)	2/48 (4%)	1/49 (2%)	1/48 (2%)
POLY-3 RATE (b)	1/43.92	2/42.95	1/43.62	1/45.45
POLY-3 PERCENT (g)	2.3%	4.7%	2.3%	2.2%
TERMINAL (d)	1/34 (3%)	2/35 (6%)	1/35 (3%)	1/38 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.525N	P=0.492	P=0.759	P=0.753N
POLY 1.5	P=0.532N	P=0.493	P=0.760	P=0.757N
POLY 6	P=0.517N	P=0.491	P=0.758	P=0.748N
COCH-ARM / FISHERS	P=0.544N	P=0.492	P=0.753N	P=0.747
MAX-ISO-POLY-3	P=0.573N	P=0.275	P=0.497	P=0.490N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Accessory Adrenal Cortical Nodule				
LESION RATES				
OVERALL (a)	6/50 (12%)	2/49 (4%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	6/47.38	2/45.95	4/44.99	1/46.65
POLY-3 PERCENT (g)	12.7%	4.4%	8.9%	2.1%
TERMINAL (d)	3/37 (8%)	1/39 (3%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	608	590	557	379
STATISTICAL TESTS				
POLY 3	P=0.089N	P=0.143N	P=0.403N	P=0.059N
POLY 1.5	P=0.089N	P=0.141N	P=0.389N	P=0.057N
POLY 6	P=0.090N	P=0.147N	P=0.418N	P=0.061N
COCH-ARM / FISHERS	P=0.089N	P=0.141N	P=0.370N	P=0.056N
MAX-ISO-POLY-3	P=0.037N*	P=0.077N	P=0.287N	P=0.026N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Degeneration Fatty				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/49 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/46.76	2/45.48	1/44.07	1/45.79
POLY-3 PERCENT (g)	6.4%	4.4%	2.3%	2.2%
TERMINAL (d)	2/37 (5%)	2/39 (5%)	1/31 (3%)	1/37 (3%)
FIRST INCIDENCE	719	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.265N	P=0.513N	P=0.327N	P=0.313N
POLY 1.5	P=0.264N	P=0.509N	P=0.318N	P=0.310N
POLY 6	P=0.265N	P=0.517N	P=0.337N	P=0.316N
COCH-ARM / FISHERS	P=0.261N	P=0.510N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.239N	P=0.336N	P=0.176N	P=0.162N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/49 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/46.96	0/45.48	2/44.65	2/46.65
POLY-3 PERCENT (g)	4.3%	0%	4.5%	4.3%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	697	---	561	499
STATISTICAL TESTS				
POLY 3	P=0.434	P=0.244N	P=0.676	P=0.691
POLY 1.5	P=0.433	P=0.242N	P=0.683	P=0.693
POLY 6	P=0.436	P=0.247N	P=0.667	P=0.690
COCH-ARM / FISHERS	P=0.433	P=0.253N	P=0.691N	P=0.691N
MAX-ISO-POLY-3	P=0.440	P=0.082N	P=0.479	P=0.496

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	0/45.48	0/44.07	0/45.79
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Hyperplasia Focal				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/49 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/46.72	2/45.48	1/44.07	0/45.79
POLY-3 PERCENT (g)	2.1%	4.4%	2.3%	0%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.237N	P=0.491	P=0.747	P=0.504N
POLY 1.5	P=0.236N	P=0.493	P=0.753	P=0.502N
POLY 6	P=0.239N	P=0.488	P=0.741	P=0.505N
COCH-ARM / FISHERS	P=0.233N	P=0.492	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.235N	P=0.274	P=0.483	P=0.164N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Hypertrophy Focal				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/49 (4%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	0/46.72	2/45.48	1/44.07	4/46.39
POLY-3 PERCENT (g)	0%	4.4%	2.3%	8.6%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	1/31 (3%)	3/37 (8%)
FIRST INCIDENCE	---	729 (T)	729 (T)	537
STATISTICAL TESTS				
POLY 3	P=0.046*	P=0.231	P=0.488	P=0.059
POLY 1.5	P=0.047*	P=0.233	P=0.493	P=0.060
POLY 6	P=0.046*	P=0.229	P=0.483	P=0.059
COCH-ARM / FISHERS	P=0.047*	P=0.242	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.023*	P=0.075	P=0.158	P=0.019*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex: Capsule Hyperplasia				
LESION RATES				
OVERALL (a)	48/50 (96%)	47/49 (96%)	49/50 (98%)	50/50 (100%)
POLY-3 RATE (b)	48/49.88	47/49.00	49/49.46	50/50.00
POLY-3 PERCENT (g)	96.2%	95.9%	99.1%	100%
TERMINAL (d)	36/37 (97%)	37/39 (95%)	31/31 (100%)	37/37 (100%)
FIRST INCIDENCE	285	571	386	379
STATISTICAL TESTS				
POLY 3	P=0.130	P=0.669N	P=0.384	P=0.252
POLY 1.5	P=0.133	P=0.678N	P=0.433	P=0.245
POLY 6	P=0.132	P=0.653N	P=0.332	P=0.268
COCH-ARM / FISHERS	P=0.141	P=0.684N	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.131	P=0.467N	P=0.158	P=0.077

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Medulla Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/49 (8%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/46.72	4/45.48	2/44.07	3/45.79
POLY-3 PERCENT (g)	4.3%	8.8%	4.5%	6.6%
TERMINAL (d)	2/37 (5%)	4/39 (10%)	2/31 (7%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.557	P=0.325	P=0.673	P=0.491
POLY 1.5	P=0.560	P=0.328	P=0.682	P=0.495
POLY 6	P=0.554	P=0.321	P=0.663	P=0.488
COCH-ARM / FISHERS	P=0.566	P=0.329	P=0.691N	P=0.500
MAX-ISO-POLY-3	P=0.507	P=0.193	P=0.476	P=0.318

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
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First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Cranium Fibrosis				
LESION RATES				
OVERALL (a)	2/49 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.72	1/46.41	0/44.07	1/45.79
POLY-3 PERCENT (g)	4.4%	2.2%	0%	2.2%
TERMINAL (d)	2/36 (6%)	1/39 (3%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.497N	P=0.495N	P=0.245N	P=0.499N
POLY 1.5	P=0.497N	P=0.493N	P=0.240N	P=0.497N
POLY 6	P=0.496N	P=0.498N	P=0.251N	P=0.502N
COCH-ARM / FISHERS	P=0.496N	P=0.492N	P=0.242N	P=0.492N
MAX-ISO-POLY-3	P=0.235N	P=0.277N	P=0.085N	P=0.281N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Cranium				
Osteopetrosis				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/45.72	1/46.41	1/44.07	2/45.80
POLY-3 PERCENT (g)	0%	2.2%	2.3%	4.4%
TERMINAL (d)	0/36 (0%)	1/39 (3%)	1/31 (3%)	1/37 (3%)
FIRST INCIDENCE	---	729 (T)	729 (T)	725
STATISTICAL TESTS				
POLY 3	P=0.192	P=0.503	P=0.493	P=0.238
POLY 1.5	P=0.194	P=0.504	P=0.497	P=0.240
POLY 6	P=0.191	P=0.501	P=0.487	P=0.236
COCH-ARM / FISHERS	P=0.195	P=0.505	P=0.505	P=0.253
MAX-ISO-POLY-3	P=0.125	P=0.161	P=0.160	P=0.077

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Femur				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	12/49 (24%)	7/50 (14%)	12/50 (24%)	10/50 (20%)
POLY-3 RATE (b)	12/45.84	7/46.41	12/44.19	10/45.79
POLY-3 PERCENT (g)	26.2%	15.1%	27.2%	21.8%
TERMINAL (d)	11/36 (31%)	7/39 (18%)	11/31 (36%)	10/37 (27%)
FIRST INCIDENCE	698	729 (T)	697	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.560	P=0.143N	P=0.553	P=0.405N
POLY 1.5	P=0.554N	P=0.141N	P=0.579	P=0.395N
POLY 6	P=0.557	P=0.148N	P=0.524	P=0.413N
COCH-ARM / FISHERS	P=0.542N	P=0.142N	P=0.570N	P=0.384N
MAX-ISO-POLY-3	P=0.460N	P=0.093N	P=0.458	P=0.315N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone: Femur Hyperostosis				
LESION RATES				
OVERALL (a)	0/49 (0%)	5/50 (10%)	1/50 (2%)	6/50 (12%)
POLY-3 RATE (b)	0/45.72	5/46.41	1/44.07	6/45.79
POLY-3 PERCENT (g)	0%	10.8%	2.3%	13.1%
TERMINAL (d)	0/36 (0%)	5/39 (13%)	1/31 (3%)	6/37 (16%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.041*	P=0.032*	P=0.493	P=0.015*
POLY 1.5	P=0.042*	P=0.032*	P=0.497	P=0.016*
POLY 6	P=0.040*	P=0.031*	P=0.487	P=0.015*
COCH-ARM / FISHERS	P=0.046*	P=0.030*	P=0.505	P=0.014*
MAX-ISO-POLY-3	P=0.008**	P=0.010**	P=0.160	P=0.005**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain Compression				
LESION RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	0/46.72	3/46.74	2/44.97	3/46.67
POLY-3 PERCENT (g)	0%	6.4%	4.5%	6.4%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	---	639	465	537
STATISTICAL TESTS				
POLY 3	P=0.235	P=0.119	P=0.229	P=0.119
POLY 1.5	P=0.235	P=0.120	P=0.233	P=0.119
POLY 6	P=0.236	P=0.118	P=0.225	P=0.119
COCH-ARM / FISHERS	P=0.235	P=0.121	P=0.247	P=0.121
MAX-ISO-POLY-3	P=0.100	P=0.038*	P=0.076	P=0.038*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
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 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain Hemorrhage				
LESION RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	4/48.21	2/46.61	2/44.25	2/46.34
POLY-3 PERCENT (g)	8.3%	4.3%	4.5%	4.3%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	285	678	681	653
STATISTICAL TESTS				
POLY 3	P=0.379N	P=0.353N	P=0.378N	P=0.356N
POLY 1.5	P=0.378N	P=0.347N	P=0.362N	P=0.350N
POLY 6	P=0.378N	P=0.360N	P=0.394N	P=0.359N
COCH-ARM / FISHERS	P=0.372N	P=0.339N	P=0.339N	P=0.339N
MAX-ISO-POLY-3	P=0.324N	P=0.217N	P=0.242N	P=0.220N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	3/46.72	2/46.41	2/44.07	3/45.79
POLY-3 PERCENT (g)	6.4%	4.3%	4.5%	6.6%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	2/31 (7%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.511	P=0.503N	P=0.527N	P=0.653
POLY 1.5	P=0.513	P=0.500N	P=0.515N	P=0.657
POLY 6	P=0.510	P=0.507N	P=0.539N	P=0.650
COCH-ARM / FISHERS	P=0.519	P=0.500N	P=0.500N	P=0.661N
MAX-ISO-POLY-3	P=0.597	P=0.327N	P=0.351N	P=0.489

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Brain				
Necrosis Focal				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.72	0/46.41	1/44.27	2/45.81
POLY-3 PERCENT (g)	0%	0%	2.3%	4.4%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	---	---	676	723
STATISTICAL TESTS				
POLY 3	P=0.082	(e)	P=0.489	P=0.233
POLY 1.5	P=0.083	(e)	P=0.494	P=0.235
POLY 6	P=0.082	(e)	P=0.485	P=0.231
COCH-ARM / FISHERS	P=0.085	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.080	(e)	P=0.158	P=0.076

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Clitoral Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/48 (4%)	1/49 (2%)	0/50 (0%)	1/46 (2%)
POLY-3 RATE (b)	2/45.28	1/45.61	0/44.07	1/41.79
POLY-3 PERCENT (g)	4.4%	2.2%	0%	2.4%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	0/31 (0%)	1/33 (3%)
FIRST INCIDENCE	687	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.520N	P=0.497N	P=0.243N	P=0.528N
POLY 1.5	P=0.519N	P=0.494N	P=0.237N	P=0.522N
POLY 6	P=0.521N	P=0.503N	P=0.252N	P=0.535N
COCH-ARM / FISHERS	P=0.517N	P=0.492N	P=0.237N	P=0.516N
MAX-ISO-POLY-3	P=0.261N	P=0.279N	P=0.084N	P=0.309N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Eye				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/47 (0%)	2/50 (4%)	1/48 (2%)	1/47 (2%)
POLY-3 RATE (b)	0/44.67	2/46.41	1/42.59	1/43.76
POLY-3 PERCENT (g)	0%	4.3%	2.4%	2.3%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	1/31 (3%)	1/37 (3%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.599	P=0.246	P=0.491	P=0.496
POLY 1.5	P=0.602	P=0.249	P=0.496	P=0.498
POLY 6	P=0.597	P=0.241	P=0.484	P=0.495
COCH-ARM / FISHERS	P=0.607	P=0.263	P=0.505	P=0.500
MAX-ISO-POLY-3	P=0.279	P=0.081	P=0.160	P=0.159

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Eye: Cornea Hyperplasia				
LESION RATES				
OVERALL (a)	0/47 (0%)	2/50 (4%)	3/48 (6%)	1/47 (2%)
POLY-3 RATE (b)	0/44.67	2/46.88	3/43.84	1/43.88
POLY-3 PERCENT (g)	0%	4.3%	6.8%	2.3%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	---	590	467	698
STATISTICAL TESTS				
POLY 3	P=0.599	P=0.248	P=0.115	P=0.496
POLY 1.5	P=0.602	P=0.250	P=0.118	P=0.498
POLY 6	P=0.599	P=0.244	P=0.112	P=0.496
COCH-ARM / FISHERS	P=0.608	P=0.263	P=0.125	P=0.500
MAX-ISO-POLY-3	P=0.190	P=0.083	P=0.039*	P=0.159

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Eye: Retina Degeneration				
LESION RATES				
OVERALL (a)	0/47 (0%)	2/50 (4%)	0/48 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/44.67	2/46.93	0/42.59	0/43.76
POLY-3 PERCENT (g)	0%	4.3%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	571	---	---
STATISTICAL TESTS				
POLY 3	P=0.388N	P=0.248	(e)	(e)
POLY 1.5	P=0.386N	P=0.251	(e)	(e)
POLY 6	P=0.390N	P=0.245	(e)	(e)
COCH-ARM / FISHERS	P=0.385N	P=0.263	(e)	(e)
MAX-ISO-POLY-3	P=0.267N	P=0.083	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Hyperplasia Focal				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	5/49 (10%)	0/49 (0%)
POLY-3 RATE (b)	2/46.84	5/46.48	5/43.88	0/44.97
POLY-3 PERCENT (g)	4.3%	10.8%	11.4%	0%
TERMINAL (d)	1/37 (3%)	4/39 (10%)	2/30 (7%)	0/37 (0%)
FIRST INCIDENCE	698	711	557	---
STATISTICAL TESTS				
POLY 3	P=0.093N	P=0.213	P=0.190	P=0.246N
POLY 1.5	P=0.091N	P=0.216	P=0.198	P=0.244N
POLY 6	P=0.094N	P=0.209	P=0.183	P=0.248N
COCH-ARM / FISHERS	P=0.090N	P=0.218	P=0.210	P=0.253N
MAX-ISO-POLY-3	P=0.074N	P=0.118	P=0.107	P=0.084N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	8/50 (16%)	1/50 (2%)	3/49 (6%)	3/49 (6%)
POLY-3 RATE (b)	8/46.72	1/46.41	3/43.07	3/44.97
POLY-3 PERCENT (g)	17.1%	2.2%	7%	6.7%
TERMINAL (d)	8/37 (22%)	1/39 (3%)	3/30 (10%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.261N	P=0.016N*	P=0.125N	P=0.110N
POLY 1.5	P=0.261N	P=0.016N*	P=0.117N	P=0.108N
POLY 6	P=0.258N	P=0.016N*	P=0.135N	P=0.111N
COCH-ARM / FISHERS	P=0.260N	P=0.015N*	P=0.106N	P=0.106N
MAX-ISO-POLY-3	P=0.030N*	P=0.006N**	P=0.077N	P=0.063N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	8/50 (16%)	12/50 (24%)	10/50 (20%)	9/50 (18%)
POLY-3 RATE (b)	8/46.88	12/46.48	10/44.56	9/46.24
POLY-3 PERCENT (g)	17.1%	25.8%	22.4%	19.5%
TERMINAL (d)	6/37 (16%)	11/39 (28%)	7/31 (23%)	7/37 (19%)
FIRST INCIDENCE	698	711	668	657
STATISTICAL TESTS				
POLY 3	P=0.495N	P=0.218	P=0.351	P=0.488
POLY 1.5	P=0.492N	P=0.225	P=0.370	P=0.493
POLY 6	P=0.493N	P=0.208	P=0.333	P=0.486
COCH-ARM / FISHERS	P=0.485N	P=0.227	P=0.398	P=0.500
MAX-ISO-POLY-3	P=0.417	P=0.152	P=0.265	P=0.382

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Heart Mineralization				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/47.10	1/46.86	3/45.52	0/45.79
POLY-3 PERCENT (g)	2.1%	2.1%	6.6%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	619	597	386	---
STATISTICAL TESTS				
POLY 3	P=0.348N	P=0.759	P=0.293	P=0.506N
POLY 1.5	P=0.344N	P=0.760N	P=0.299	P=0.503N
POLY 6	P=0.352N	P=0.758	P=0.286	P=0.508N
COCH-ARM / FISHERS	P=0.337N	P=0.753N	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.237N	P=0.498	P=0.149	P=0.166N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Large, Colon Edema				
LESION RATES				
OVERALL (a)	0/44 (0%)	1/47 (2%)	2/42 (5%)	0/44 (0%)
POLY-3 RATE (b)	0/42.32	1/44.60	2/39.17	0/41.83
POLY-3 PERCENT (g)	0%	2.2%	5.1%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	---	590	386	---
STATISTICAL TESTS				
POLY 3	P=0.527N	P=0.510	P=0.220	(e)
POLY 1.5	P=0.525N	P=0.513	P=0.223	(e)
POLY 6	P=0.530N	P=0.507	P=0.215	(e)
COCH-ARM / FISHERS	P=0.524N	P=0.516	P=0.236	(e)
MAX-ISO-POLY-3	P=0.319	P=0.168	P=0.073	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small, Ileum Inflammation Acute				
LESION RATES				
OVERALL (a)	0/43 (0%)	2/45 (4%)	1/42 (2%)	0/45 (0%)
POLY-3 RATE (b)	0/41.53	2/42.52	1/38.32	0/42.81
POLY-3 PERCENT (g)	0%	4.7%	2.6%	0%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.383N	P=0.242	P=0.484	(e)
POLY 1.5	P=0.380N	P=0.245	P=0.489	(e)
POLY 6	P=0.388N	P=0.237	P=0.478	(e)
COCH-ARM / FISHERS	P=0.378N	P=0.259	P=0.494	(e)
MAX-ISO-POLY-3	P=0.323N	P=0.078	P=0.157	(e)

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	4/49 (8%)	5/47 (11%)
POLY-3 RATE (b)	4/46.76	2/46.41	4/44.70	5/45.27
POLY-3 PERCENT (g)	8.6%	4.3%	9%	11.1%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	1/31 (3%)	1/37 (3%)
FIRST INCIDENCE	719	729 (T)	467	499
STATISTICAL TESTS				
POLY 3	P=0.272	P=0.341N	P=0.618	P=0.480
POLY 1.5	P=0.263	P=0.338N	P=0.624	P=0.472
POLY 6	P=0.287	P=0.345N	P=0.614	P=0.493
COCH-ARM / FISHERS	P=0.253	P=0.339N	P=0.631	P=0.460
MAX-ISO-POLY-3	P=0.341	P=0.205N	P=0.473	P=0.344

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Casts Granular				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/48 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/45.86	0/46.41	0/42.46	0/43.52
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney Cyst				
LESION RATES				
OVERALL (a)	2/49 (4%)	1/50 (2%)	0/48 (0%)	3/47 (6%)
POLY-3 RATE (b)	2/46.06	1/46.41	0/42.46	3/44.23
POLY-3 PERCENT (g)	4.3%	2.2%	0%	6.8%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	678	729 (T)	---	603
STATISTICAL TESTS				
POLY 3	P=0.242	P=0.497N	P=0.256N	P=0.482
POLY 1.5	P=0.240	P=0.494N	P=0.250N	P=0.481
POLY 6	P=0.247	P=0.503N	P=0.262N	P=0.486
COCH-ARM / FISHERS	P=0.239	P=0.492N	P=0.253N	P=0.480
MAX-ISO-POLY-3	P=0.185	P=0.279N	P=0.092N	P=0.309

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	15/49 (31%)	14/50 (28%)	16/48 (33%)	11/47 (23%)
POLY-3 RATE (b)	15/46.06	14/46.88	16/45.42	11/45.24
POLY-3 PERCENT (g)	32.6%	29.9%	35.2%	24.3%
TERMINAL (d)	13/37 (35%)	12/39 (31%)	9/31 (29%)	8/37 (22%)
FIRST INCIDENCE	687	653	465	379
STATISTICAL TESTS				
POLY 3	P=0.228N	P=0.477N	P=0.481	P=0.261N
POLY 1.5	P=0.240N	P=0.471N	P=0.478	P=0.269N
POLY 6	P=0.212N	P=0.486N	P=0.490	P=0.250N
COCH-ARM / FISHERS	P=0.259N	P=0.474N	P=0.472	P=0.287N
MAX-ISO-POLY-3	P=0.318N	P=0.388N	P=0.392	P=0.192N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney Infarct				
LESION RATES				
OVERALL (a)	1/49 (2%)	7/50 (14%)	6/48 (13%)	3/47 (6%)
POLY-3 RATE (b)	1/45.86	7/47.33	6/42.46	3/43.52
POLY-3 PERCENT (g)	2.2%	14.8%	14.1%	6.9%
TERMINAL (d)	1/37 (3%)	5/39 (13%)	6/31 (19%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	590	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.537N	P=0.034*	P=0.044*	P=0.287
POLY 1.5	P=0.534N	P=0.034*	P=0.048*	P=0.288
POLY 6	P=0.536N	P=0.033*	P=0.041*	P=0.287
COCH-ARM / FISHERS	P=0.527N	P=0.032*	P=0.053	P=0.293
MAX-ISO-POLY-3	P=0.092	P=0.014*	P=0.021*	P=0.145

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	2/49 (4%)	3/50 (6%)	3/48 (6%)	2/47 (4%)
POLY-3 RATE (b)	2/45.99	3/46.48	3/42.91	2/43.52
POLY-3 PERCENT (g)	4.4%	6.5%	7%	4.6%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	1/31 (3%)	2/37 (5%)
FIRST INCIDENCE	697	711	648	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.549N	P=0.505	P=0.469	P=0.674
POLY 1.5	P=0.548N	P=0.509	P=0.477	P=0.676
POLY 6	P=0.548N	P=0.499	P=0.461	P=0.674
COCH-ARM / FISHERS	P=0.545N	P=0.510	P=0.490	P=0.676
MAX-ISO-POLY-3	P=0.579	P=0.328	P=0.301	P=0.477

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney Mineralization				
LESION RATES				
OVERALL (a)	8/49 (16%)	1/50 (2%)	2/48 (4%)	2/47 (4%)
POLY-3 RATE (b)	8/46.45	1/46.41	2/42.46	2/43.52
POLY-3 PERCENT (g)	17.2%	2.2%	4.7%	4.6%
TERMINAL (d)	6/37 (16%)	1/39 (3%)	2/31 (7%)	2/37 (5%)
FIRST INCIDENCE	619	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.129N	P=0.016N*	P=0.061N	P=0.057N
POLY 1.5	P=0.130N	P=0.015N*	P=0.056N	P=0.055N
POLY 6	P=0.125N	P=0.017N*	P=0.068N	P=0.058N
COCH-ARM / FISHERS	P=0.134N	P=0.014N*	P=0.049N*	P=0.053N
MAX-ISO-POLY-3	P=0.011N*	P=0.006N**	P=0.035N*	P=0.030N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney				
Nephropathy				
LESION RATES				
OVERALL (a)	31/49 (63%)	37/50 (74%)	36/48 (75%)	30/47 (64%)
POLY-3 RATE (b)	31/46.55	37/47.28	36/45.43	30/43.94
POLY-3 PERCENT (g)	66.6%	78.3%	79.2%	68.3%
TERMINAL (d)	26/37 (70%)	34/39 (87%)	30/31 (97%)	27/37 (73%)
FIRST INCIDENCE	675	590	386	653
STATISTICAL TESTS				
POLY 3	P=0.393N	P=0.141	P=0.121	P=0.522
POLY 1.5	P=0.382N	P=0.163	P=0.138	P=0.540
POLY 6	P=0.384N	P=0.108	P=0.096	P=0.513
COCH-ARM / FISHERS	P=0.357N	P=0.175	P=0.151	P=0.562
MAX-ISO-POLY-3	P=0.273	P=0.095	P=0.080	P=0.431

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney: Papilla Necrosis				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/48 (2%)	0/47 (0%)
POLY-3 RATE (b)	0/45.86	0/46.41	1/42.66	0/43.52
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	676	---
STATISTICAL TESTS				
POLY 3	P=0.793N	(e)	P=0.486	(e)
POLY 1.5	P=0.793N	(e)	P=0.490	(e)
POLY 6	P=0.793N	(e)	P=0.482	(e)
COCH-ARM / FISHERS	P=0.793N	(e)	P=0.495	(e)
MAX-ISO-POLY-3	P=0.380	(e)	P=0.157	(e)

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney: Renal Tubule Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	1/49 (2%)	3/50 (6%)	2/48 (4%)	0/47 (0%)
POLY-3 RATE (b)	1/45.98	3/47.33	2/43.11	0/43.52
POLY-3 PERCENT (g)	2.2%	6.3%	4.6%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	698	590	557	---
STATISTICAL TESTS				
POLY 3	P=0.202N	P=0.316	P=0.478	P=0.511N
POLY 1.5	P=0.201N	P=0.316	P=0.484	P=0.510N
POLY 6	P=0.202N	P=0.315	P=0.472	P=0.511N
COCH-ARM / FISHERS	P=0.198N	P=0.316	P=0.492	P=0.510N
MAX-ISO-POLY-3	P=0.206N	P=0.164	P=0.267	P=0.170N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Kidney: Renal Tubule Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/48 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/45.86	0/46.41	0/42.46	0/43.52
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Angiectasis				
LESION RATES				
OVERALL (a)	3/50 (6%)	3/50 (6%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	3/47.13	3/46.41	0/44.07	0/44.97
POLY-3 PERCENT (g)	6.4%	6.5%	0%	0%
TERMINAL (d)	1/37 (3%)	3/39 (8%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	649	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.056N	P=0.655	P=0.131N	P=0.127N
POLY 1.5	P=0.055N	P=0.660	P=0.126N	P=0.125N
POLY 6	P=0.056N	P=0.648	P=0.138N	P=0.129N
COCH-ARM / FISHERS	P=0.056N	P=0.661N	P=0.121N	P=0.125N
MAX-ISO-POLY-3	P=0.069N	P=0.491	P=0.049N*	P=0.044N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	3/50 (6%)	2/49 (4%)
POLY-3 RATE (b)	4/46.91	2/46.41	3/44.07	2/45.26
POLY-3 PERCENT (g)	8.5%	4.3%	6.8%	4.4%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	3/31 (10%)	1/37 (3%)
FIRST INCIDENCE	678	729 (T)	729 (T)	653
STATISTICAL TESTS				
POLY 3	P=0.384N	P=0.342N	P=0.534N	P=0.354N
POLY 1.5	P=0.383N	P=0.339N	P=0.520N	P=0.351N
POLY 6	P=0.381N	P=0.348N	P=0.551N	P=0.355N
COCH-ARM / FISHERS	P=0.380N	P=0.339N	P=0.500N	P=0.349N
MAX-ISO-POLY-3	P=0.336N	P=0.206N	P=0.382N	P=0.217N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Bile Stasis				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/46.72	1/46.83	1/44.44	0/44.97
POLY-3 PERCENT (g)	0%	2.1%	2.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	609	624	---
STATISTICAL TESTS				
POLY 3	P=0.549N	P=0.500	P=0.490	(e)
POLY 1.5	P=0.548N	P=0.501	P=0.494	(e)
POLY 6	P=0.550N	P=0.500	P=0.486	(e)
COCH-ARM / FISHERS	P=0.545N	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.408	P=0.159	P=0.158	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	6/50 (12%)	3/50 (6%)	5/50 (10%)	4/49 (8%)
POLY-3 RATE (b)	6/46.76	3/46.86	5/44.43	4/44.97
POLY-3 PERCENT (g)	12.8%	6.4%	11.3%	8.9%
TERMINAL (d)	5/37 (14%)	2/39 (5%)	3/31 (10%)	4/37 (11%)
FIRST INCIDENCE	719	597	676	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.485N	P=0.241N	P=0.536N	P=0.394N
POLY 1.5	P=0.481N	P=0.240N	P=0.521N	P=0.389N
POLY 6	P=0.487N	P=0.242N	P=0.550N	P=0.397N
COCH-ARM / FISHERS	P=0.472N	P=0.243N	P=0.500N	P=0.383N
MAX-ISO-POLY-3	P=0.422N	P=0.146N	P=0.409N	P=0.277N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Congestion				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.72	1/46.61	0/44.07	0/44.97
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	678	---	---
STATISTICAL TESTS				
POLY 3	P=0.589N	P=0.500	(e)	(e)
POLY 1.5	P=0.588N	P=0.500	(e)	(e)
POLY 6	P=0.589N	P=0.498	(e)	(e)
COCH-ARM / FISHERS	P=0.589N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.398N	P=0.159	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.72	0/46.41	0/44.07	0/44.97
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	16/50 (32%)	13/50 (26%)	14/50 (28%)	15/49 (31%)
POLY-3 RATE (b)	16/46.76	13/46.41	14/44.57	15/44.97
POLY-3 PERCENT (g)	34.2%	28%	31.4%	33.4%
TERMINAL (d)	15/37 (41%)	13/39 (33%)	12/31 (39%)	15/37 (41%)
FIRST INCIDENCE	719	729 (T)	648	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.476	P=0.336N	P=0.475N	P=0.553N
POLY 1.5	P=0.483	P=0.329N	P=0.450N	P=0.541N
POLY 6	P=0.475	P=0.346N	P=0.499N	P=0.561N
COCH-ARM / FISHERS	P=0.497	P=0.330N	P=0.414N	P=0.527N
MAX-ISO-POLY-3	P=0.578N	P=0.259N	P=0.388N	P=0.464N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	13/50 (26%)	15/50 (30%)	6/50 (12%)	8/49 (16%)
POLY-3 RATE (b)	13/47.01	15/46.41	6/44.81	8/45.44
POLY-3 PERCENT (g)	27.7%	32.3%	13.4%	17.6%
TERMINAL (d)	12/37 (32%)	15/39 (39%)	5/31 (16%)	6/37 (16%)
FIRST INCIDENCE	649	729 (T)	465	653
STATISTICAL TESTS				
POLY 3	P=0.084N	P=0.395	P=0.075N	P=0.182N
POLY 1.5	P=0.085N	P=0.407	P=0.068N	P=0.180N
POLY 6	P=0.080N	P=0.376	P=0.083N	P=0.181N
COCH-ARM / FISHERS	P=0.086N	P=0.412	P=0.062N	P=0.176N
MAX-ISO-POLY-3	P=0.077N	P=0.312	P=0.048N*	P=0.127N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	2/46.88	1/46.61	1/44.07	0/44.97
POLY-3 PERCENT (g)	4.3%	2.2%	2.3%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	687	678	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.200N	P=0.502N	P=0.522N	P=0.247N
POLY 1.5	P=0.199N	P=0.500N	P=0.512N	P=0.244N
POLY 6	P=0.200N	P=0.505N	P=0.532N	P=0.248N
COCH-ARM / FISHERS	P=0.196N	P=0.500N	P=0.500N	P=0.253N
MAX-ISO-POLY-3	P=0.136N	P=0.283N	P=0.304N	P=0.084N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/50 (4%)	5/50 (10%)	1/50 (2%)	6/49 (12%)
POLY-3 RATE (b)	2/46.72	5/46.41	1/44.07	6/45.65
POLY-3 PERCENT (g)	4.3%	10.8%	2.3%	13.1%
TERMINAL (d)	2/37 (5%)	5/39 (13%)	1/31 (3%)	5/37 (14%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	499
STATISTICAL TESTS				
POLY 3	P=0.132	P=0.214	P=0.520N	P=0.126
POLY 1.5	P=0.133	P=0.217	P=0.512N	P=0.127
POLY 6	P=0.133	P=0.209	P=0.530N	P=0.125
COCH-ARM / FISHERS	P=0.134	P=0.218	P=0.500N	P=0.128
MAX-ISO-POLY-3	P=0.086	P=0.118	P=0.303N	P=0.065

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/46.72	0/46.41	0/44.07	0/44.97
POLY-3 PERCENT (g)	2.1%	0%	0%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.472N	P=0.501N	P=0.512N	P=0.508N
POLY 1.5	P=0.474N	P=0.500N	P=0.507N	P=0.506N
POLY 6	P=0.470N	P=0.503N	P=0.517N	P=0.508N
COCH-ARM / FISHERS	P=0.475N	P=0.500N	P=0.500N	P=0.505N
MAX-ISO-POLY-3	P=0.137N	P=0.160N	P=0.173N	P=0.167N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	1/46.72	2/46.41	2/44.07	0/44.97
POLY-3 PERCENT (g)	2.1%	4.3%	4.5%	0%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.258N	P=0.498	P=0.480	P=0.508N
POLY 1.5	P=0.257N	P=0.500	P=0.488	P=0.506N
POLY 6	P=0.259N	P=0.494	P=0.470	P=0.508N
COCH-ARM / FISHERS	P=0.253N	P=0.500	P=0.500	P=0.505N
MAX-ISO-POLY-3	P=0.236N	P=0.279	P=0.269	P=0.167N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Necrosis Focal				
LESION RATES				
OVERALL (a)	6/50 (12%)	10/50 (20%)	10/50 (20%)	5/49 (10%)
POLY-3 RATE (b)	6/47.17	10/48.32	10/46.08	5/45.28
POLY-3 PERCENT (g)	12.7%	20.7%	21.7%	11%
TERMINAL (d)	4/37 (11%)	5/39 (13%)	5/31 (16%)	3/37 (8%)
FIRST INCIDENCE	649	571	467	681
STATISTICAL TESTS				
POLY 3	P=0.275N	P=0.221	P=0.191	P=0.529N
POLY 1.5	P=0.266N	P=0.218	P=0.198	P=0.522N
POLY 6	P=0.282N	P=0.226	P=0.182	P=0.533N
COCH-ARM / FISHERS	P=0.252N	P=0.207	P=0.207	P=0.514N
MAX-ISO-POLY-3	P=0.286N	P=0.151	P=0.128	P=0.402N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.72	2/47.03	0/44.07	0/44.97
POLY-3 PERCENT (g)	0%	4.3%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	609	---	---
STATISTICAL TESTS				
POLY 3	P=0.384N	P=0.239	(e)	(e)
POLY 1.5	P=0.383N	P=0.239	(e)	(e)
POLY 6	P=0.384N	P=0.239	(e)	(e)
COCH-ARM / FISHERS	P=0.384N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.267N	P=0.077	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver: Hepatocyte Hypertrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	5/50 (10%)	0/49 (0%)
POLY-3 RATE (b)	0/46.72	0/46.41	5/44.07	0/44.97
POLY-3 PERCENT (g)	0%	0%	11.4%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	5/31 (16%)	0/37 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.612N	(e)	P=0.026*	(e)
POLY 1.5	P=0.608N	(e)	P=0.028*	(e)
POLY 6	P=0.613N	(e)	P=0.024*	(e)
COCH-ARM / FISHERS	P=0.597N	(e)	P=0.028*	(e)
MAX-ISO-POLY-3	P=0.074	(e)	P=0.010**	(e)

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver: Hepatocyte Vacuolization Cytoplasmic				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	1/46.86	2/47.33	0/44.07	1/45.57
POLY-3 PERCENT (g)	2.1%	4.2%	0%	2.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	692	590	---	537
STATISTICAL TESTS				
POLY 3	P=0.564N	P=0.503	P=0.512N	P=0.754
POLY 1.5	P=0.564N	P=0.503	P=0.507N	P=0.755
POLY 6	P=0.564N	P=0.503	P=0.518N	P=0.754
COCH-ARM / FISHERS	P=0.564N	P=0.500	P=0.500N	P=0.747
MAX-ISO-POLY-3	P=0.403N	P=0.284	P=0.174N	P=0.491

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver: Kupffer Cell Pigmentation				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	2/46.72	2/46.41	2/44.07	0/44.97
POLY-3 PERCENT (g)	4.3%	4.3%	4.5%	0%
TERMINAL (d)	2/37 (5%)	2/39 (5%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.164N	P=0.691	P=0.673	P=0.246N
POLY 1.5	P=0.163N	P=0.694	P=0.682	P=0.244N
POLY 6	P=0.164N	P=0.688	P=0.663	P=0.247N
COCH-ARM / FISHERS	P=0.160N	P=0.691N	P=0.691N	P=0.253N
MAX-ISO-POLY-3	P=0.200N	P=0.496	P=0.476	P=0.083N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung Congestion				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/46.72	1/46.60	1/43.36	2/46.49
POLY-3 PERCENT (g)	2.1%	2.2%	2.3%	4.3%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/30 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	681	648	603
STATISTICAL TESTS				
POLY 3	P=0.361	P=0.760	P=0.744	P=0.498
POLY 1.5	P=0.361	P=0.760N	P=0.749	P=0.499
POLY 6	P=0.364	P=0.759	P=0.739	P=0.500
COCH-ARM / FISHERS	P=0.361	P=0.753N	P=0.747	P=0.500
MAX-ISO-POLY-3	P=0.422	P=0.498	P=0.478	P=0.280

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung Hemorrhage				
LESION RATES				
OVERALL (a)	2/50 (4%)	6/50 (12%)	3/49 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/47.01	6/46.60	3/44.03	1/45.79
POLY-3 PERCENT (g)	4.3%	12.9%	6.8%	2.2%
TERMINAL (d)	1/37 (3%)	5/39 (13%)	1/30 (3%)	1/37 (3%)
FIRST INCIDENCE	649	681	467	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.160N	P=0.130	P=0.470	P=0.509N
POLY 1.5	P=0.157N	P=0.133	P=0.479	P=0.505N
POLY 6	P=0.164N	P=0.126	P=0.460	P=0.513N
COCH-ARM / FISHERS	P=0.153N	P=0.134	P=0.490	P=0.500N
MAX-ISO-POLY-3	P=0.176N	P=0.068	P=0.303	P=0.291N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.72	0/46.41	0/43.07	2/45.79
POLY-3 PERCENT (g)	0%	0%	0%	4.4%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/30 (0%)	2/37 (5%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.041*	(e)	(e)	P=0.233
POLY 1.5	P=0.041*	(e)	(e)	P=0.235
POLY 6	P=0.040*	(e)	(e)	P=0.231
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.076

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Infiltration Cellular Histiocyte				
LESION RATES				
OVERALL (a)	5/50 (10%)	3/50 (6%)	3/49 (6%)	4/50 (8%)
POLY-3 RATE (b)	5/47.59	3/47.47	3/43.44	4/46.57
POLY-3 PERCENT (g)	10.5%	6.3%	6.9%	8.6%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	2/30 (7%)	2/37 (5%)
FIRST INCIDENCE	619	571	624	537
STATISTICAL TESTS				
POLY 3	P=0.577N	P=0.358N	P=0.408N	P=0.514N
POLY 1.5	P=0.574N	P=0.355N	P=0.391N	P=0.507N
POLY 6	P=0.580N	P=0.363N	P=0.428N	P=0.521N
COCH-ARM / FISHERS	P=0.568N	P=0.357N	P=0.369N	P=0.500N
MAX-ISO-POLY-3	P=0.458N	P=0.233N	P=0.282N	P=0.377N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	5/50 (10%)	8/50 (16%)	3/49 (6%)	6/50 (12%)
POLY-3 RATE (b)	5/46.72	8/46.41	3/43.07	6/45.91
POLY-3 PERCENT (g)	10.7%	17.2%	7%	13.1%
TERMINAL (d)	5/37 (14%)	8/39 (21%)	3/30 (10%)	5/37 (14%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	698
STATISTICAL TESTS				
POLY 3	P=0.572N	P=0.271	P=0.402N	P=0.488
POLY 1.5	P=0.569N	P=0.276	P=0.388N	P=0.493
POLY 6	P=0.573N	P=0.264	P=0.418N	P=0.485
COCH-ARM / FISHERS	P=0.563N	P=0.277	P=0.369N	P=0.500
MAX-ISO-POLY-3	P=0.459N	P=0.183	P=0.276N	P=0.363

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node Ectasia				
LESION RATES				
OVERALL (a)	2/13 (15%)	3/11 (27%)	6/15 (40%)	3/14 (21%)
POLY-3 RATE (b)	2/12.09	3/9.56	6/13.22	3/12.63
POLY-3 PERCENT (g)	16.5%	31.4%	45.4%	23.8%
TERMINAL (d)	2/8 (25%)	3/8 (38%)	6/9 (67%)	3/9 (33%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.600	P=0.385	P=0.123	P=0.521
POLY 1.5	P=0.595	P=0.399	P=0.132	P=0.523
POLY 6	P=0.597N	P=0.371	P=0.119	P=0.529
COCH-ARM / FISHERS	P=0.602N	P=0.415	P=0.155	P=0.538
MAX-ISO-POLY-3	P=0.256	P=0.230	P=0.056	P=0.332

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node Hemorrhage				
LESION RATES				
OVERALL (a)	1/13 (8%)	3/11 (27%)	4/15 (27%)	2/14 (14%)
POLY-3 RATE (b)	1/12.09	3/9.56	4/13.22	2/12.63
POLY-3 PERCENT (g)	8.3%	31.4%	30.3%	15.8%
TERMINAL (d)	1/8 (13%)	3/8 (38%)	4/9 (44%)	2/9 (22%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.578N	P=0.206	P=0.186	P=0.516
POLY 1.5	P=0.578N	P=0.217	P=0.192	P=0.517
POLY 6	P=0.567N	P=0.196	P=0.184	P=0.521
COCH-ARM / FISHERS	P=0.566N	P=0.233	P=0.211	P=0.529
MAX-ISO-POLY-3	P=0.239	P=0.099	P=0.083	P=0.289

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mandibular Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/48 (2%)	0/46 (0%)	4/50 (8%)
POLY-3 RATE (b)	2/46.72	1/44.93	0/41.21	4/46.39
POLY-3 PERCENT (g)	4.3%	2.2%	0%	8.6%
TERMINAL (d)	2/37 (5%)	1/38 (3%)	0/30 (0%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	---	537
STATISTICAL TESTS				
POLY 3	P=0.113	P=0.514N	P=0.266N	P=0.334
POLY 1.5	P=0.113	P=0.513N	P=0.262N	P=0.336
POLY 6	P=0.113	P=0.515N	P=0.269N	P=0.333
COCH-ARM / FISHERS	P=0.115	P=0.515N	P=0.269N	P=0.339
MAX-ISO-POLY-3	P=0.089	P=0.294N	P=0.099N	P=0.199

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mandibular Hemorrhage				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/48 (4%)	0/46 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	2/44.93	0/41.21	0/45.79
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/37 (0%)	2/38 (5%)	0/30 (0%)	0/37 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.378N	P=0.228	(e)	(e)
POLY 1.5	P=0.377N	P=0.229	(e)	(e)
POLY 6	P=0.380N	P=0.227	(e)	(e)
COCH-ARM / FISHERS	P=0.377N	P=0.237	(e)	(e)
MAX-ISO-POLY-3	P=0.259N	P=0.074	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	11/50 (22%)	7/48 (15%)	4/46 (9%)	2/50 (4%)
POLY-3 RATE (b)	11/46.72	7/44.93	4/41.72	2/45.79
POLY-3 PERCENT (g)	23.6%	15.6%	9.6%	4.4%
TERMINAL (d)	11/37 (30%)	7/38 (18%)	3/30 (10%)	2/37 (5%)
FIRST INCIDENCE	729 (T)	729 (T)	577	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.008N**	P=0.243N	P=0.070N	P=0.008N**
POLY 1.5	P=0.008N**	P=0.242N	P=0.068N	P=0.007N**
POLY 6	P=0.008N**	P=0.245N	P=0.071N	P=0.008N**
COCH-ARM / FISHERS	P=0.009N**	P=0.247N	P=0.064N	P=0.007N**
MAX-ISO-POLY-3	P=0.006N**	P=0.172N	P=0.044N*	P=0.003N**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Atrophy				
LESION RATES				
OVERALL (a)	5/47 (11%)	3/49 (6%)	2/45 (4%)	6/48 (13%)
POLY-3 RATE (b)	5/45.60	3/45.93	2/40.73	6/45.25
POLY-3 PERCENT (g)	11%	6.5%	4.9%	13.3%
TERMINAL (d)	2/36 (6%)	2/38 (5%)	1/30 (3%)	3/37 (8%)
FIRST INCIDENCE	285	571	688	537
STATISTICAL TESTS				
POLY 3	P=0.276	P=0.353N	P=0.264N	P=0.494
POLY 1.5	P=0.276	P=0.345N	P=0.253N	P=0.500
POLY 6	P=0.280	P=0.363N	P=0.277N	P=0.493
COCH-ARM / FISHERS	P=0.280	P=0.334N	P=0.236N	P=0.515
MAX-ISO-POLY-3	P=0.279	P=0.230N	P=0.164N	P=0.370

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	0/47 (0%)	2/49 (4%)	1/45 (2%)	0/48 (0%)
POLY-3 RATE (b)	0/44.25	2/45.41	1/40.57	0/44.24
POLY-3 PERCENT (g)	0%	4.4%	2.5%	0%
TERMINAL (d)	0/36 (0%)	2/38 (5%)	1/30 (3%)	0/37 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.391N	P=0.243	P=0.483	(e)
POLY 1.5	P=0.388N	P=0.245	P=0.487	(e)
POLY 6	P=0.393N	P=0.239	P=0.478	(e)
COCH-ARM / FISHERS	P=0.384N	P=0.258	P=0.489	(e)
MAX-ISO-POLY-3	P=0.329	P=0.079	P=0.156	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hemorrhage				
LESION RATES				
OVERALL (a)	0/47 (0%)	0/49 (0%)	0/45 (0%)	1/48 (2%)
POLY-3 RATE (b)	0/44.25	0/45.41	0/40.57	1/44.24
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/36 (0%)	0/38 (0%)	0/30 (0%)	1/37 (3%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.215	(e)	(e)	P=0.500
POLY 1.5	P=0.216	(e)	(e)	P=0.502
POLY 6	P=0.215	(e)	(e)	P=0.499
COCH-ARM / FISHERS	P=0.217	(e)	(e)	P=0.505
MAX-ISO-POLY-3	P=0.129	(e)	(e)	P=0.160

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hyperplasia				
LESION RATES				
OVERALL (a)	1/47 (2%)	1/49 (2%)	0/45 (0%)	0/48 (0%)
POLY-3 RATE (b)	1/44.25	1/45.41	0/40.57	0/44.24
POLY-3 PERCENT (g)	2.3%	2.2%	0%	0%
TERMINAL (d)	1/36 (3%)	1/38 (3%)	0/30 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.307N	P=0.755N	P=0.517N	P=0.500N
POLY 1.5	P=0.306N	P=0.752N	P=0.513N	P=0.498N
POLY 6	P=0.306N	P=0.759N	P=0.522N	P=0.501N
COCH-ARM / FISHERS	P=0.305N	P=0.742N	P=0.511N	P=0.495N
MAX-ISO-POLY-3	P=0.261N	P=0.492N	P=0.177N	P=0.160N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/47 (2%)	1/49 (2%)	0/45 (0%)	0/48 (0%)
POLY-3 RATE (b)	1/44.25	1/45.41	0/40.57	0/44.24
POLY-3 PERCENT (g)	2.3%	2.2%	0%	0%
TERMINAL (d)	1/36 (3%)	1/38 (3%)	0/30 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.307N	P=0.755N	P=0.517N	P=0.500N
POLY 1.5	P=0.306N	P=0.752N	P=0.513N	P=0.498N
POLY 6	P=0.306N	P=0.759N	P=0.522N	P=0.501N
COCH-ARM / FISHERS	P=0.305N	P=0.742N	P=0.511N	P=0.495N
MAX-ISO-POLY-3	P=0.261N	P=0.492N	P=0.177N	P=0.160N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node, Mesenteric Infiltration Cellular Neutrophil				
LESION RATES				
OVERALL (a)	1/47 (2%)	1/49 (2%)	0/45 (0%)	0/48 (0%)
POLY-3 RATE (b)	1/44.25	1/45.41	0/40.57	0/44.24
POLY-3 PERCENT (g)	2.3%	2.2%	0%	0%
TERMINAL (d)	1/36 (3%)	1/38 (3%)	0/30 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.307N	P=0.755N	P=0.517N	P=0.500N
POLY 1.5	P=0.306N	P=0.752N	P=0.513N	P=0.498N
POLY 6	P=0.306N	P=0.759N	P=0.522N	P=0.501N
COCH-ARM / FISHERS	P=0.305N	P=0.742N	P=0.511N	P=0.495N
MAX-ISO-POLY-3	P=0.261N	P=0.492N	P=0.177N	P=0.160N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node: Iliac Ectasia				
LESION RATES				
OVERALL (a)	2/13 (15%)	0/11 (0%)	2/15 (13%)	1/14 (7%)
POLY-3 RATE (b)	2/12.09	0/9.56	2/13.40	1/12.63
POLY-3 PERCENT (g)	16.5%	0%	14.9%	7.9%
TERMINAL (d)	2/8 (25%)	0/8 (0%)	1/9 (11%)	1/9 (11%)
FIRST INCIDENCE	729 (T)	---	681	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.536N	P=0.285N	P=0.663N	P=0.484N
POLY 1.5	P=0.542N	P=0.278N	P=0.659N	P=0.483N
POLY 6	P=0.525N	P=0.290N	P=0.658N	P=0.479N
COCH-ARM / FISHERS	P=0.544N	P=0.283N	P=0.644N	P=0.471N
MAX-ISO-POLY-3	P=0.396N	P=0.110N	P=0.456N	P=0.262N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lymph Node: Iliac Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/13 (0%)	0/11 (0%)	1/15 (7%)	1/14 (7%)
POLY-3 RATE (b)	0/12.09	0/9.56	1/13.22	1/12.92
POLY-3 PERCENT (g)	0%	0%	7.6%	7.7%
TERMINAL (d)	0/8 (0%)	0/8 (0%)	1/9 (11%)	0/9 (0%)
FIRST INCIDENCE	---	---	729 (T)	653
STATISTICAL TESTS				
POLY 3	P=0.339	(e)	P=0.518	P=0.513
POLY 1.5	P=0.334	(e)	P=0.521	P=0.512
POLY 6	P=0.353	(e)	P=0.518	P=0.520
COCH-ARM / FISHERS	P=0.331	(e)	P=0.536	P=0.519
MAX-ISO-POLY-3	P=0.280	(e)	P=0.171	P=0.170

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mammary Gland Hyperplasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	4/47.50	3/47.26	4/45.85	4/46.79
POLY-3 PERCENT (g)	8.4%	6.4%	8.7%	8.6%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	619	571	386	537
STATISTICAL TESTS				
POLY 3	P=0.515	P=0.503N	P=0.623	P=0.635
POLY 1.5	P=0.517	P=0.499N	P=0.633	P=0.638
POLY 6	P=0.514	P=0.509N	P=0.612	P=0.631
COCH-ARM / FISHERS	P=0.523	P=0.500N	P=0.643N	P=0.643N
MAX-ISO-POLY-3	P=0.640	P=0.350N	P=0.478	P=0.490

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mesentery Hemorrhage				
LESION RATES				
OVERALL (a)	0/16 (0%)	1/22 (5%)	0/17 (0%)	1/13 (8%)
POLY-3 RATE (b)	0/14.88	1/21.13	0/15.95	1/12.72
POLY-3 PERCENT (g)	0%	4.7%	0%	7.9%
TERMINAL (d)	0/11 (0%)	1/18 (6%)	0/13 (0%)	1/12 (8%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.388	P=0.570	(e)	P=0.469
POLY 1.5	P=0.383	P=0.567	(e)	P=0.464
POLY 6	P=0.396	P=0.575	(e)	P=0.477
COCH-ARM / FISHERS	P=0.376	P=0.579	(e)	P=0.448
MAX-ISO-POLY-3	P=0.204	P=0.223	(e)	P=0.144

TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	15/16 (94%)	21/22 (95%)	17/17 (100%)	11/13 (85%)
POLY-3 RATE (b)	15/16.00	21/21.80	17/17.00	11/13.00
POLY-3 PERCENT (g)	93.8%	96.3%	100%	84.6%
TERMINAL (d)	10/11 (91%)	18/18 (100%)	13/13 (100%)	10/12 (83%)
FIRST INCIDENCE	619	609	577	653
STATISTICAL TESTS				
POLY 3	P=0.194N	P=0.661	P=0.488	P=0.426N
POLY 1.5	P=0.206N	P=0.675	P=0.488	P=0.426N
POLY 6	P=0.174N	P=0.633	P=0.488	P=0.426N
COCH-ARM / FISHERS	P=0.219N	P=0.671	P=0.485	P=0.420N
MAX-ISO-POLY-3	P=0.139N	P=0.363	P=0.155	P=0.228N

TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose				
Foreign Body				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	0/46.41	1/44.07	0/45.79
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.787N	(e)	P=0.488	(e)
POLY 1.5	P=0.786N	(e)	P=0.493	(e)
POLY 6	P=0.788N	(e)	P=0.483	(e)
COCH-ARM / FISHERS	P=0.785N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.382	(e)	P=0.158	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	0/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.92	2/46.41	2/44.25	0/45.79
POLY-3 PERCENT (g)	2.1%	4.3%	4.5%	0%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	675	729 (T)	681	---
STATISTICAL TESTS				
POLY 3	P=0.255N	P=0.496	P=0.480	P=0.505N
POLY 1.5	P=0.253N	P=0.499	P=0.488	P=0.503N
POLY 6	P=0.258N	P=0.492	P=0.470	P=0.507N
COCH-ARM / FISHERS	P=0.248N	P=0.500	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.233N	P=0.279	P=0.269	P=0.165N

TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	0/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Ovary Cyst				
LESION RATES				
OVERALL (a)	9/49 (18%)	17/50 (34%)	6/48 (13%)	10/50 (20%)
POLY-3 RATE (b)	9/46.70	17/47.28	6/42.70	10/46.08
POLY-3 PERCENT (g)	19.3%	36%	14.1%	21.7%
TERMINAL (d)	8/37 (22%)	14/39 (36%)	4/31 (13%)	8/37 (22%)
FIRST INCIDENCE	719	571	681	653
STATISTICAL TESTS				
POLY 3	P=0.347N	P=0.055	P=0.354N	P=0.487
POLY 1.5	P=0.339N	P=0.057	P=0.336N	P=0.497
POLY 6	P=0.350N	P=0.054	P=0.368N	P=0.483
COCH-ARM / FISHERS	P=0.322N	P=0.061	P=0.303N	P=0.520
MAX-ISO-POLY-3	P=0.216N	P=0.034*	P=0.264N	P=0.386

TDMS No. 95003 - 06
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P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Ovary Hemorrhage				
LESION RATES				
OVERALL (a)	9/49 (18%)	15/50 (30%)	17/48 (35%)	18/50 (36%)
POLY-3 RATE (b)	9/46.95	15/46.93	17/42.94	18/46.90
POLY-3 PERCENT (g)	19.2%	32%	39.6%	38.4%
TERMINAL (d)	8/37 (22%)	14/39 (36%)	14/31 (45%)	16/37 (43%)
FIRST INCIDENCE	649	571	681	499
STATISTICAL TESTS				
POLY 3	P=0.064	P=0.117	P=0.026*	P=0.031*
POLY 1.5	P=0.068	P=0.123	P=0.032*	P=0.034*
POLY 6	P=0.063	P=0.109	P=0.022*	P=0.030*
COCH-ARM / FISHERS	P=0.077	P=0.132	P=0.047*	P=0.040*
MAX-ISO-POLY-3	P=0.030*	P=0.077	P=0.018*	P=0.019*

TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Ovary Thrombosis				
LESION RATES				
OVERALL (a)	1/49 (2%)	2/50 (4%)	5/48 (10%)	3/50 (6%)
POLY-3 RATE (b)	1/46.66	2/46.41	5/42.66	3/46.22
POLY-3 PERCENT (g)	2.1%	4.3%	11.7%	6.5%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	4/31 (13%)	2/37 (5%)
FIRST INCIDENCE	729 (T)	729 (T)	688	603
STATISTICAL TESTS				
POLY 3	P=0.313	P=0.498	P=0.082	P=0.302
POLY 1.5	P=0.317	P=0.502	P=0.087	P=0.305
POLY 6	P=0.314	P=0.495	P=0.078	P=0.301
COCH-ARM / FISHERS	P=0.328	P=0.508	P=0.097	P=0.316
MAX-ISO-POLY-3	P=0.133	P=0.281	P=0.040*	P=0.154

TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Ovary: Interstitial Cell Hyperplasia				
LESION RATES				
OVERALL (a)	3/49 (6%)	0/50 (0%)	1/48 (2%)	0/50 (0%)
POLY-3 RATE (b)	3/46.66	0/46.41	1/42.50	0/45.79
POLY-3 PERCENT (g)	6.4%	0%	2.4%	0%
TERMINAL (d)	3/37 (8%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.153N	P=0.120N	P=0.339N	P=0.122N
POLY 1.5	P=0.153N	P=0.118N	P=0.330N	P=0.120N
POLY 6	P=0.151N	P=0.121N	P=0.348N	P=0.123N
COCH-ARM / FISHERS	P=0.154N	P=0.117N	P=0.316N	P=0.117N
MAX-ISO-POLY-3	P=0.028N*	P=0.040N*	P=0.188N	P=0.041N*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pancreas Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/50 (8%)	1/49 (2%)	3/47 (6%)
POLY-3 RATE (b)	2/46.72	4/46.83	1/43.30	3/43.42
POLY-3 PERCENT (g)	4.3%	8.5%	2.3%	6.9%
TERMINAL (d)	2/37 (5%)	3/39 (8%)	1/31 (3%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	609	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.519	P=0.338	P=0.526N	P=0.467
POLY 1.5	P=0.521	P=0.340	P=0.518N	P=0.469
POLY 6	P=0.520	P=0.337	P=0.535N	P=0.467
COCH-ARM / FISHERS	P=0.524	P=0.339	P=0.508N	P=0.470
MAX-ISO-POLY-3	P=0.475	P=0.202	P=0.308N	P=0.298

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pancreas Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	2/49 (4%)	3/47 (6%)
POLY-3 RATE (b)	0/46.72	2/46.41	2/43.30	3/43.42
POLY-3 PERCENT (g)	0%	4.3%	4.6%	6.9%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	2/31 (7%)	3/37 (8%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.133	P=0.236	P=0.221	P=0.106
POLY 1.5	P=0.134	P=0.237	P=0.226	P=0.107
POLY 6	P=0.134	P=0.234	P=0.215	P=0.106
COCH-ARM / FISHERS	P=0.136	P=0.247	P=0.242	P=0.110
MAX-ISO-POLY-3	P=0.076	P=0.076	P=0.075	P=0.036*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pancreas				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/49 (4%)	1/47 (2%)
POLY-3 RATE (b)	1/46.72	0/46.41	2/44.04	1/43.70
POLY-3 PERCENT (g)	2.1%	0%	4.5%	2.3%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	---	465	655
STATISTICAL TESTS				
POLY 3	P=0.537	P=0.501N	P=0.479	P=0.746
POLY 1.5	P=0.536	P=0.500N	P=0.485	P=0.746
POLY 6	P=0.542	P=0.503N	P=0.473	P=0.747
COCH-ARM / FISHERS	P=0.538	P=0.500N	P=0.492	P=0.737
MAX-ISO-POLY-3	P=0.370	P=0.160N	P=0.268	P=0.480

TDMS No. 95003 - 06
 Test Type: CHRONIC
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Parathyroid Gland Cyst				
LESION RATES				
OVERALL (a)	0/46 (0%)	0/48 (0%)	0/46 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/44.08	0/44.86	0/40.36	0/42.91
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/36 (0%)	0/38 (0%)	0/29 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pituitary Gland: Pars Distalis Angiectasis				
LESION RATES				
OVERALL (a)	0/47 (0%)	2/49 (4%)	2/50 (4%)	1/46 (2%)
POLY-3 RATE (b)	0/44.33	2/45.41	2/44.07	1/41.97
POLY-3 PERCENT (g)	0%	4.4%	4.5%	2.4%
TERMINAL (d)	0/36 (0%)	2/38 (5%)	2/31 (7%)	1/34 (3%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.587	P=0.242	P=0.236	P=0.489
POLY 1.5	P=0.593	P=0.245	P=0.242	P=0.492
POLY 6	P=0.581	P=0.238	P=0.228	P=0.486
COCH-ARM / FISHERS	P=0.602	P=0.258	P=0.263	P=0.495
MAX-ISO-POLY-3	P=0.241	P=0.079	P=0.079	P=0.157

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pituitary Gland: Pars Distalis Cyst				
LESION RATES				
OVERALL (a)	1/47 (2%)	0/49 (0%)	3/50 (6%)	1/46 (2%)
POLY-3 RATE (b)	1/44.33	0/45.41	3/44.11	1/42.26
POLY-3 PERCENT (g)	2.3%	0%	6.8%	2.4%
TERMINAL (d)	1/36 (3%)	0/38 (0%)	2/31 (7%)	0/34 (0%)
FIRST INCIDENCE	729 (T)	---	719	653
STATISTICAL TESTS				
POLY 3	P=0.541	P=0.495N	P=0.303	P=0.750
POLY 1.5	P=0.544	P=0.493N	P=0.314	P=0.752
POLY 6	P=0.541	P=0.499N	P=0.291	P=0.748
COCH-ARM / FISHERS	P=0.551	P=0.490N	P=0.332	P=0.747
MAX-ISO-POLY-3	P=0.268	P=0.156N	P=0.157	P=0.486

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	3/47 (6%)	1/49 (2%)	0/50 (0%)	0/46 (0%)
POLY-3 RATE (b)	3/44.33	1/45.41	0/44.07	0/41.97
POLY-3 PERCENT (g)	6.8%	2.2%	0%	0%
TERMINAL (d)	3/36 (8%)	1/38 (3%)	0/31 (0%)	0/34 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.097N	P=0.297N	P=0.120N	P=0.128N
POLY 1.5	P=0.097N	P=0.293N	P=0.114N	P=0.126N
POLY 6	P=0.096N	P=0.303N	P=0.126N	P=0.131N
COCH-ARM / FISHERS	P=0.099N	P=0.293N	P=0.110N	P=0.125N
MAX-ISO-POLY-3	P=0.029N*	P=0.148N	P=0.041N*	P=0.045N*

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Pituitary Gland: Pars Distalis Hyperplasia Focal				
LESION RATES				
OVERALL (a)	6/47 (13%)	6/49 (12%)	12/50 (24%)	5/46 (11%)
POLY-3 RATE (b)	6/44.62	6/46.35	12/44.17	5/41.97
POLY-3 PERCENT (g)	13.5%	13%	27.2%	11.9%
TERMINAL (d)	4/36 (11%)	4/38 (11%)	11/31 (36%)	5/34 (15%)
FIRST INCIDENCE	687	590	704	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.480N	P=0.594N	P=0.088	P=0.543N
POLY 1.5	P=0.464N	P=0.589N	P=0.102	P=0.530N
POLY 6	P=0.498N	P=0.602N	P=0.072	P=0.557N
COCH-ARM / FISHERS	P=0.440N	P=0.590N	P=0.123	P=0.515N
MAX-ISO-POLY-3	P=0.339	P=0.471N	P=0.055	P=0.416N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Salivary Glands Atrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/46.72	0/46.41	1/44.25	0/45.79
POLY-3 PERCENT (g)	2.1%	0%	2.3%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	---	681	---
STATISTICAL TESTS				
POLY 3	P=0.462N	P=0.501N	P=0.748	P=0.504N
POLY 1.5	P=0.462N	P=0.500N	P=0.753	P=0.502N
POLY 6	P=0.462N	P=0.503N	P=0.743	P=0.505N
COCH-ARM / FISHERS	P=0.459N	P=0.500N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.265N	P=0.160N	P=0.484	P=0.164N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Salivary Glands				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	20/50 (40%)	14/50 (28%)	12/50 (24%)	23/50 (46%)
POLY-3 RATE (b)	20/47.99	14/46.88	12/44.68	23/46.56
POLY-3 PERCENT (g)	41.7%	29.9%	26.9%	49.4%
TERMINAL (d)	16/37 (43%)	12/39 (31%)	8/31 (26%)	19/37 (51%)
FIRST INCIDENCE	285	653	676	653
STATISTICAL TESTS				
POLY 3	P=0.084	P=0.160N	P=0.098N	P=0.291
POLY 1.5	P=0.088	P=0.155N	P=0.085N	P=0.307
POLY 6	P=0.083	P=0.166N	P=0.109N	P=0.285
COCH-ARM / FISHERS	P=0.102	P=0.146N	P=0.066N	P=0.343
MAX-ISO-POLY-3	P=0.076	P=0.116N	P=0.071N	P=0.228

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Salivary Glands				
Mineralization				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/46.72	1/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	6.4%	2.2%	0%	0%
TERMINAL (d)	3/37 (8%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.095N	P=0.308N	P=0.130N	P=0.122N
POLY 1.5	P=0.095N	P=0.306N	P=0.125N	P=0.121N
POLY 6	P=0.094N	P=0.311N	P=0.135N	P=0.123N
COCH-ARM / FISHERS	P=0.096N	P=0.309N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.028N*	P=0.157N	P=0.047N*	P=0.041N*

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Edema				
LESION RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/47.01	3/47.33	2/44.07	1/46.05
POLY-3 PERCENT (g)	2.1%	6.3%	4.5%	2.2%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	649	590	729 (T)	657
STATISTICAL TESTS				
POLY 3	P=0.432N	P=0.308	P=0.477	P=0.756
POLY 1.5	P=0.429N	P=0.308	P=0.487	P=0.758
POLY 6	P=0.435N	P=0.307	P=0.466	P=0.754
COCH-ARM / FISHERS	P=0.424N	P=0.309	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.463	P=0.157	P=0.268	P=0.493

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Hyperkeratosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	4/50 (8%)	3/50 (6%)	12/50 (24%)
POLY-3 RATE (b)	3/46.76	4/46.41	3/44.07	12/46.96
POLY-3 PERCENT (g)	6.4%	8.6%	6.8%	25.6%
TERMINAL (d)	2/37 (5%)	4/39 (10%)	3/31 (10%)	8/37 (22%)
FIRST INCIDENCE	719	729 (T)	729 (T)	499
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.496	P=0.635	P=0.011*
POLY 1.5	P<0.001**	P=0.500	P=0.646	P=0.011*
POLY 6	P<0.001**	P=0.490	P=0.622	P=0.011*
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.661N	P=0.011*
MAX-ISO-POLY-3	P=0.002**	P=0.344	P=0.470	P=0.005**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Hyperplasia Melanocyte				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/46.76	0/46.41	2/44.07	3/45.97
POLY-3 PERCENT (g)	2.1%	0%	4.5%	6.5%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	2/31 (7%)	2/37 (5%)
FIRST INCIDENCE	719	---	729 (T)	680
STATISTICAL TESTS				
POLY 3	P=0.103	P=0.501N	P=0.479	P=0.299
POLY 1.5	P=0.104	P=0.500N	P=0.488	P=0.302
POLY 6	P=0.103	P=0.504N	P=0.470	P=0.298
COCH-ARM / FISHERS	P=0.106	P=0.500N	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.114	P=0.161N	P=0.269	P=0.152

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Inflammation Acute				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	2/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	0%	4.3%	0%	0%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.382N	P=0.236	(e)	(e)
POLY 1.5	P=0.380N	P=0.237	(e)	(e)
POLY 6	P=0.384N	P=0.234	(e)	(e)
COCH-ARM / FISHERS	P=0.380N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.260N	P=0.076	(e)	(e)

TDMS No. 95003 - 06
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 Species/Strain: MICE/B6C3F1

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Methyl trans-styryl ketone

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First Dose M/F: 04/26/04 / 04/26/04

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/50 (8%)	7/50 (14%)	18/50 (36%)
POLY-3 RATE (b)	2/46.76	4/46.41	7/44.07	18/45.97
POLY-3 PERCENT (g)	4.3%	8.6%	15.9%	39.2%
TERMINAL (d)	1/37 (3%)	4/39 (10%)	7/31 (23%)	17/37 (46%)
FIRST INCIDENCE	719	729 (T)	729 (T)	681
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.334	P=0.065	P<0.001**
POLY 1.5	P<0.001**	P=0.337	P=0.071	P<0.001**
POLY 6	P<0.001**	P=0.329	P=0.059	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.339	P=0.080	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.199	P=0.035*	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Epidermis Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)	9/50 (18%)
POLY-3 RATE (b)	2/46.76	2/46.41	2/44.07	9/45.79
POLY-3 PERCENT (g)	4.3%	4.3%	4.5%	19.7%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	2/31 (7%)	9/37 (24%)
FIRST INCIDENCE	719	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.002**	P=0.691	P=0.672	P=0.023*
POLY 1.5	P=0.002**	P=0.693	P=0.681	P=0.024*
POLY 6	P=0.002**	P=0.688	P=0.662	P=0.021*
COCH-ARM / FISHERS	P=0.002**	P=0.691N	P=0.691N	P=0.026*
MAX-ISO-POLY-3	P=0.003**	P=0.496	P=0.475	P=0.011*

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Epidermis, Site of Application				
Hyperplasia				
LESION RATES				
OVERALL (a)	7/50 (14%)	11/50 (22%)	31/50 (62%)	33/50 (66%)
POLY-3 RATE (b)	7/46.92	11/46.41	31/46.17	33/46.42
POLY-3 PERCENT (g)	14.9%	23.7%	67.2%	71.1%
TERMINAL (d)	6/37 (16%)	11/39 (28%)	26/31 (84%)	28/37 (76%)
FIRST INCIDENCE	675	729 (T)	465	653
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.208	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.215	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.198	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.218	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.142	P<0.001**	P<0.001**

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Skin: Site of Application
Fibrosis

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	0/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Hyperkeratosis				
LESION RATES				
OVERALL (a)	9/50 (18%)	16/50 (32%)	37/50 (74%)	36/50 (72%)
POLY-3 RATE (b)	9/47.04	16/47.09	37/46.64	36/47.09
POLY-3 PERCENT (g)	19.1%	34%	79.3%	76.4%
TERMINAL (d)	7/37 (19%)	13/39 (33%)	29/31 (94%)	30/37 (81%)
FIRST INCIDENCE	675	653	465	499
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.079	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.082	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.076	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.083	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.050*	P<0.001**	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Hyperplasia Melanocyte				
LESION RATES				
OVERALL (a)	3/50 (6%)	3/50 (6%)	33/50 (66%)	36/50 (72%)
POLY-3 RATE (b)	3/47.86	3/46.41	33/46.21	36/48.01
POLY-3 PERCENT (g)	6.3%	6.5%	71.4%	75%
TERMINAL (d)	1/37 (3%)	3/39 (8%)	24/31 (77%)	27/37 (73%)
FIRST INCIDENCE	285	729 (T)	467	379
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.648	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.654	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.641	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.661N	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.484	P<0.001**	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	7/50 (14%)	11/50 (22%)	33/50 (66%)	38/50 (76%)
POLY-3 RATE (b)	7/46.96	11/47.16	33/47.02	38/47.83
POLY-3 PERCENT (g)	14.9%	23.3%	70.2%	79.5%
TERMINAL (d)	5/37 (14%)	9/39 (23%)	26/31 (84%)	29/37 (78%)
FIRST INCIDENCE	698	590	465	499
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.219	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.221	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.215	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.218	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.150	P<0.001**	P<0.001**

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin: Site of Application				
Ulcer				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	0/46.72	0/46.41	2/44.57	4/46.12
POLY-3 PERCENT (g)	0%	0%	4.5%	8.7%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/31 (3%)	1/37 (3%)
FIRST INCIDENCE	---	---	577	681
STATISTICAL TESTS				
POLY 3	P=0.009**	(e)	P=0.227	P=0.059
POLY 1.5	P=0.009**	(e)	P=0.231	P=0.060
POLY 6	P=0.009**	(e)	P=0.222	P=0.058
COCH-ARM / FISHERS	P=0.010**	(e)	P=0.247	P=0.059
MAX-ISO-POLY-3	P=0.014*	(e)	P=0.076	P=0.019*

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
OVERALL (a)	27/49 (55%)	28/50 (56%)	31/48 (65%)	26/48 (54%)
POLY-3 RATE (b)	27/47.90	28/47.82	31/45.43	26/46.46
POLY-3 PERCENT (g)	56.4%	58.6%	68.2%	56%
TERMINAL (d)	21/37 (57%)	22/39 (56%)	22/31 (71%)	21/37 (57%)
FIRST INCIDENCE	285	590	467	379
STATISTICAL TESTS				
POLY 3	P=0.475N	P=0.496	P=0.164	P=0.567N
POLY 1.5	P=0.476N	P=0.516	P=0.182	P=0.559N
POLY 6	P=0.469N	P=0.476	P=0.153	P=0.571N
COCH-ARM / FISHERS	P=0.474N	P=0.545	P=0.228	P=0.544N
MAX-ISO-POLY-3	P=0.460	P=0.412	P=0.121	P=0.484N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen Pigmentation				
LESION RATES				
OVERALL (a)	8/49 (16%)	5/50 (10%)	9/48 (19%)	3/48 (6%)
POLY-3 RATE (b)	8/45.95	5/46.74	9/42.59	3/44.69
POLY-3 PERCENT (g)	17.4%	10.7%	21.1%	6.7%
TERMINAL (d)	7/37 (19%)	4/39 (10%)	9/31 (29%)	2/37 (5%)
FIRST INCIDENCE	719	639	729 (T)	653
STATISTICAL TESTS				
POLY 3	P=0.130N	P=0.264N	P=0.431	P=0.107N
POLY 1.5	P=0.131N	P=0.262N	P=0.452	P=0.106N
POLY 6	P=0.126N	P=0.269N	P=0.410	P=0.106N
COCH-ARM / FISHERS	P=0.131N	P=0.264N	P=0.481	P=0.106N
MAX-ISO-POLY-3	P=0.112N	P=0.178N	P=0.334	P=0.060N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen: Lymphoid Follicle Atrophy				
LESION RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	1/48 (2%)	2/48 (4%)
POLY-3 RATE (b)	1/46.30	0/46.41	1/43.45	2/45.29
POLY-3 PERCENT (g)	2.2%	0%	2.3%	4.4%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	619	---	386	537
STATISTICAL TESTS				
POLY 3	P=0.231	P=0.500N	P=0.746	P=0.492
POLY 1.5	P=0.229	P=0.497N	P=0.751	P=0.493
POLY 6	P=0.235	P=0.503N	P=0.741	P=0.493
COCH-ARM / FISHERS	P=0.227	P=0.495N	P=0.747	P=0.492
MAX-ISO-POLY-3	P=0.225	P=0.159N	P=0.481	P=0.275

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen: Lymphoid Follicle Hyperplasia				
LESION RATES				
OVERALL (a)	26/49 (53%)	20/50 (40%)	19/48 (40%)	23/48 (48%)
POLY-3 RATE (b)	26/46.89	20/46.67	19/43.83	23/45.00
POLY-3 PERCENT (g)	55.5%	42.9%	43.4%	51.1%
TERMINAL (d)	24/37 (65%)	18/39 (46%)	16/31 (52%)	20/37 (54%)
FIRST INCIDENCE	285	681	465	653
STATISTICAL TESTS				
POLY 3	P=0.510	P=0.152N	P=0.170N	P=0.417N
POLY 1.5	P=0.508	P=0.145N	P=0.156N	P=0.411N
POLY 6	P=0.534	P=0.158N	P=0.177N	P=0.403N
COCH-ARM / FISHERS	P=0.525	P=0.135N	P=0.130N	P=0.381N
MAX-ISO-POLY-3	P=0.285N	P=0.109N	P=0.128N	P=0.339N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Erosion				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.84	1/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	4.3%	2.2%	0%	0%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	698	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.169N	P=0.503N	P=0.251N	P=0.242N
POLY 1.5	P=0.169N	P=0.500N	P=0.245N	P=0.240N
POLY 6	P=0.168N	P=0.507N	P=0.258N	P=0.244N
COCH-ARM / FISHERS	P=0.169N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.086N	P=0.284N	P=0.089N	P=0.081N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/47.01	1/46.41	2/44.97	0/45.79
POLY-3 PERCENT (g)	2.1%	2.2%	4.5%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	649	729 (T)	386	---
STATISTICAL TESTS				
POLY 3	P=0.340N	P=0.758	P=0.485	P=0.505N
POLY 1.5	P=0.337N	P=0.760	P=0.492	P=0.503N
POLY 6	P=0.342N	P=0.755	P=0.475	P=0.508N
COCH-ARM / FISHERS	P=0.332N	P=0.753N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.281N	P=0.496	P=0.272	P=0.165N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Ulcer				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	2/47.04	2/46.41	4/45.02	5/46.08
POLY-3 PERCENT (g)	4.3%	4.3%	8.9%	10.9%
TERMINAL (d)	0/37 (0%)	2/39 (5%)	1/31 (3%)	3/37 (8%)
FIRST INCIDENCE	675	729 (T)	467	657
STATISTICAL TESTS				
POLY 3	P=0.124	P=0.689	P=0.317	P=0.208
POLY 1.5	P=0.126	P=0.692	P=0.326	P=0.212
POLY 6	P=0.123	P=0.683	P=0.307	P=0.204
COCH-ARM / FISHERS	P=0.129	P=0.691N	P=0.339	P=0.218
MAX-ISO-POLY-3	P=0.175	P=0.494	P=0.190	P=0.116

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Stomach, Forestomach: Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	6/50 (12%)	7/50 (14%)	10/50 (20%)	4/50 (8%)
POLY-3 RATE (b)	6/47.25	7/46.88	10/45.89	4/46.08
POLY-3 PERCENT (g)	12.7%	14.9%	21.8%	8.7%
TERMINAL (d)	3/37 (8%)	6/39 (15%)	5/31 (16%)	2/37 (5%)
FIRST INCIDENCE	649	590	386	657

STATISTICAL TESTS

POLY 3	P=0.259N	P=0.494	P=0.187	P=0.386N
POLY 1.5	P=0.253N	P=0.500	P=0.197	P=0.379N
POLY 6	P=0.264N	P=0.484	P=0.173	P=0.393N
COCH-ARM / FISHERS	P=0.243N	P=0.500	P=0.207	P=0.370N
MAX-ISO-POLY-3	P=0.237N	P=0.376	P=0.126	P=0.269N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Cyst				
LESION RATES				
OVERALL (a)	5/48 (10%)	3/48 (6%)	8/48 (17%)	4/46 (9%)
POLY-3 RATE (b)	5/45.43	3/45.38	8/43.01	4/43.56
POLY-3 PERCENT (g)	11%	6.6%	18.6%	9.2%
TERMINAL (d)	5/37 (14%)	2/39 (5%)	7/31 (23%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	639	688	723
STATISTICAL TESTS				
POLY 3	P=0.559N	P=0.357N	P=0.240	P=0.526N
POLY 1.5	P=0.559N	P=0.355N	P=0.255	P=0.525N
POLY 6	P=0.557N	P=0.360N	P=0.225	P=0.527N
COCH-ARM / FISHERS	P=0.560N	P=0.357N	P=0.276	P=0.527N
MAX-ISO-POLY-3	P=0.367	P=0.232N	P=0.164	P=0.388N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Erosion				
LESION RATES				
OVERALL (a)	0/48 (0%)	3/48 (6%)	1/48 (2%)	1/46 (2%)
POLY-3 RATE (b)	0/45.43	3/45.94	1/42.85	1/43.55
POLY-3 PERCENT (g)	0%	6.5%	2.3%	2.3%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	---	590	729 (T)	725
STATISTICAL TESTS				
POLY 3	P=0.604N	P=0.121	P=0.488	P=0.492
POLY 1.5	P=0.604N	P=0.121	P=0.493	P=0.492
POLY 6	P=0.604N	P=0.121	P=0.483	P=0.491
COCH-ARM / FISHERS	P=0.606N	P=0.121	P=0.500	P=0.489
MAX-ISO-POLY-3	P=0.230	P=0.040*	P=0.158	P=0.156

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Inflammation Acute				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/48 (0%)	0/48 (0%)	1/46 (2%)
POLY-3 RATE (b)	0/45.43	0/45.06	0/42.85	1/43.54
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	---	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.209	(e)	(e)	P=0.491
POLY 1.5	P=0.209	(e)	(e)	P=0.492
POLY 6	P=0.209	(e)	(e)	P=0.491
COCH-ARM / FISHERS	P=0.208	(e)	(e)	P=0.489
MAX-ISO-POLY-3	P=0.121	(e)	(e)	P=0.156

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG

Stomach, Glandular
Inflammation Chronic

LESION RATES

OVERALL (a)	0/48 (0%)	0/48 (0%)	0/48 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/45.43	0/45.06	0/42.85	0/43.54
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Metaplasia				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/48 (0%)	0/48 (0%)	0/46 (0%)
POLY-3 RATE (b)	0/45.43	0/45.06	0/42.85	0/43.54
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Mineralization				
LESION RATES				
OVERALL (a)	1/48 (2%)	1/48 (2%)	1/48 (2%)	2/46 (4%)
POLY-3 RATE (b)	1/45.43	1/45.53	1/43.15	2/43.54
POLY-3 PERCENT (g)	2.2%	2.2%	2.3%	4.6%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	0/31 (0%)	2/37 (5%)
FIRST INCIDENCE	729 (T)	590	648	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.346	P=0.760N	P=0.749	P=0.485
POLY 1.5	P=0.346	P=0.759N	P=0.754	P=0.486
POLY 6	P=0.346	P=0.760	P=0.744	P=0.485
COCH-ARM / FISHERS	P=0.345	P=0.753N	P=0.753N	P=0.484
MAX-ISO-POLY-3	P=0.404	P=0.499N	P=0.485	P=0.270

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular Ulcer				
LESION RATES				
OVERALL (a)	1/48 (2%)	0/48 (0%)	1/48 (2%)	0/46 (0%)
POLY-3 RATE (b)	1/45.63	0/45.06	1/43.01	0/43.54
POLY-3 PERCENT (g)	2.2%	0%	2.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	678	---	688	---
STATISTICAL TESTS				
POLY 3	P=0.467N	P=0.503N	P=0.747	P=0.509N
POLY 1.5	P=0.468N	P=0.501N	P=0.753	P=0.508N
POLY 6	P=0.466N	P=0.505N	P=0.741	P=0.510N
COCH-ARM / FISHERS	P=0.469N	P=0.500N	P=0.753N	P=0.511N
MAX-ISO-POLY-3	P=0.269N	P=0.162N	P=0.483	P=0.168N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Glandular: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	1/48 (2%)	0/48 (0%)	1/48 (2%)	0/46 (0%)
POLY-3 RATE (b)	1/45.55	0/45.06	1/42.85	0/43.54
POLY-3 PERCENT (g)	2.2%	0%	2.3%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	698	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.467N	P=0.502N	P=0.747	P=0.509N
POLY 1.5	P=0.468N	P=0.500N	P=0.753	P=0.508N
POLY 6	P=0.465N	P=0.505N	P=0.740	P=0.510N
COCH-ARM / FISHERS	P=0.469N	P=0.500N	P=0.753N	P=0.511N
MAX-ISO-POLY-3	P=0.269N	P=0.161N	P=0.482	P=0.167N

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 14:36:21
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thymus Cyst				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/46 (2%)	4/46 (9%)	4/48 (8%)
POLY-3 RATE (b)	2/46.72	1/43.70	4/41.76	4/44.87
POLY-3 PERCENT (g)	4.3%	2.3%	9.6%	8.9%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	3/31 (10%)	2/37 (5%)
FIRST INCIDENCE	729 (T)	729 (T)	676	723
STATISTICAL TESTS				
POLY 3	P=0.178	P=0.523N	P=0.287	P=0.319
POLY 1.5	P=0.180	P=0.525N	P=0.293	P=0.320
POLY 6	P=0.176	P=0.521N	P=0.282	P=0.318
COCH-ARM / FISHERS	P=0.181	P=0.532N	P=0.300	P=0.319
MAX-ISO-POLY-3	P=0.199	P=0.302N	P=0.171	P=0.189

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thymus Hemorrhage				
LESION RATES				
OVERALL (a)	6/50 (12%)	7/46 (15%)	10/46 (22%)	9/48 (19%)
POLY-3 RATE (b)	6/46.72	7/43.70	10/41.56	9/44.83
POLY-3 PERCENT (g)	12.8%	16%	24.1%	20.1%
TERMINAL (d)	6/37 (16%)	7/39 (18%)	10/31 (32%)	9/37 (24%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.261	P=0.449	P=0.137	P=0.258
POLY 1.5	P=0.266	P=0.446	P=0.146	P=0.260
POLY 6	P=0.256	P=0.453	P=0.128	P=0.255
COCH-ARM / FISHERS	P=0.268	P=0.435	P=0.158	P=0.259
MAX-ISO-POLY-3	P=0.211	P=0.336	P=0.093	P=0.178

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 14:36:21
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thyroid Gland: Follicle Degeneration Focal				
LESION RATES				
OVERALL (a)	30/49 (61%)	31/50 (62%)	35/49 (71%)	31/47 (66%)
POLY-3 RATE (b)	30/47.81	31/49.03	35/46.78	31/45.85
POLY-3 PERCENT (g)	62.8%	63.2%	74.8%	67.6%
TERMINAL (d)	21/37 (57%)	22/39 (56%)	23/31 (74%)	24/37 (65%)
FIRST INCIDENCE	619	590	386	499
STATISTICAL TESTS				
POLY 3	P=0.351	P=0.564	P=0.145	P=0.391
POLY 1.5	P=0.354	P=0.568	P=0.171	P=0.396
POLY 6	P=0.351	P=0.553	P=0.112	P=0.386
COCH-ARM / FISHERS	P=0.361	P=0.551	P=0.196	P=0.394
MAX-ISO-POLY-3	P=0.310	P=0.479	P=0.102	P=0.313

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thyroid Gland: Follicular Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/49 (2%)	2/47 (4%)
POLY-3 RATE (b)	0/46.14	1/46.41	1/43.67	2/44.14
POLY-3 PERCENT (g)	0%	2.2%	2.3%	4.5%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	729 (T)	624	653
STATISTICAL TESTS				
POLY 3	P=0.180	P=0.501	P=0.489	P=0.227
POLY 1.5	P=0.180	P=0.503	P=0.494	P=0.227
POLY 6	P=0.183	P=0.498	P=0.485	P=0.229
COCH-ARM / FISHERS	P=0.179	P=0.505	P=0.500	P=0.237
MAX-ISO-POLY-3	P=0.118	P=0.160	P=0.158	P=0.074

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Thyroid Gland: Follicular Cell Hyperplasia Focal				
LESION RATES				
OVERALL (a)	2/49 (4%)	2/50 (4%)	2/49 (4%)	0/47 (0%)
POLY-3 RATE (b)	2/46.26	2/46.41	2/43.30	0/43.68
POLY-3 PERCENT (g)	4.3%	4.3%	4.6%	0%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	698	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.169N	P=0.693N	P=0.670	P=0.250N
POLY 1.5	P=0.169N	P=0.688N	P=0.680	P=0.249N
POLY 6	P=0.167N	P=0.689	P=0.658	P=0.251N
COCH-ARM / FISHERS	P=0.166N	P=0.684N	P=0.691N	P=0.258N
MAX-ISO-POLY-3	P=0.204N	P=0.498N	P=0.473	P=0.086N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
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First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Urinary Bladder				
Edema				
<hr/>				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/48 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/46.10	0/46.41	0/42.35	0/44.25
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

TDMS No. 95003 - 06
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Urinary Bladder Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	11/49 (22%)	6/50 (12%)	10/48 (21%)	8/48 (17%)
POLY-3 RATE (b)	11/46.54	6/47.11	10/43.19	8/44.96
POLY-3 PERCENT (g)	23.6%	12.7%	23.2%	17.8%
TERMINAL (d)	8/37 (22%)	4/39 (10%)	6/31 (19%)	6/37 (16%)
FIRST INCIDENCE	687	609	624	603
STATISTICAL TESTS				
POLY 3	P=0.479N	P=0.135N	P=0.577N	P=0.334N
POLY 1.5	P=0.478N	P=0.132N	P=0.554N	P=0.329N
POLY 6	P=0.475N	P=0.140N	P=0.598N	P=0.336N
COCH-ARM / FISHERS	P=0.471N	P=0.133N	P=0.521N	P=0.323N
MAX-ISO-POLY-3	P=0.387N	P=0.085N	P=0.478N	P=0.249N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 14:36:21

First Dose M/F: 04/26/04 / 04/26/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Uterus				
Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	49/50 (98%)	46/50 (92%)	43/49 (88%)	47/50 (94%)
POLY-3 RATE (b)	49/49.06	46/49.55	43/47.48	47/48.54
POLY-3 PERCENT (g)	99.9%	92.8%	90.6%	96.8%
TERMINAL (d)	37/37 (100%)	36/39 (92%)	30/31 (97%)	36/37 (97%)
FIRST INCIDENCE	608	571	465	499
STATISTICAL TESTS				
POLY 3	P=0.610	P=0.081N	P=0.033N*	P=0.326N
POLY 1.5	P=0.567N	P=0.090N	P=0.030N*	P=0.270N
POLY 6	P=0.570	P=0.091N	P=0.044N*	P=0.427N
COCH-ARM / FISHERS	P=0.485N	P=0.181N	P=0.053N	P=0.309N
MAX-ISO-POLY-3	P=0.093N	P=0.026N*	P=0.010N**	P=0.086N

TDMS No. 95003 - 06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: MICE/B6C3F1

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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of Statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***