

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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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HISTORICAL CONTROL STUDIES
From May 2009 report

SAME ROUTE

99028-06 -- bis(2-Chloroethoxy)methane (SKIN ETHANOL)
97003-08 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)
93020-08 -- Diisopropylcarbodiimide (SKIN ETHANOL)

ALL ROUTES

99024-08 -- Androstenedione (GAVAGE METHYLCELLULOSE)
99037-06 -- alpha/beta Thujone mixture (GAVAGE METHYLCELLULOSE)
99028-06 -- bis(2-Chloroethoxy)methane (SKIN ETHANOL)
20011-06 -- 1-Bromopropane (INHALATION AIR)
99027-04 -- Chromium picolinate monohydrate (ORAL FEED)
05174-06 -- Cresols (ORAL FEED)
96011-06 -- Cumene (INHALATION AIR)
97003-08 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)
99017-06 -- Diethylamine (INHALATION AIR)
93020-08 -- Diisopropylcarbodiimide (SKIN ETHANOL)
88123-07 -- Formamide (GAVAGE WATER)
20005-06 -- Ginseng (GAVAGE WATER)
99007-06 -- Goldenseal root powder (ORAL FEED)
95011-06 -- 5-(Hydroxymethyl)-2-furfural (GAVAGE WATER)
88105-04 -- Isoeugenol (GAVAGE CORN OIL)
20007-06 -- Kava kava extract (GAVAGE CORN OIL)
97006-02 -- Methyl isobutyl ketone (INHALATION AIR)
91005-08 -- Methylene blue trihydrate (GAVAGE METHYLCELLULOSE)
92013-06 -- 4-Methylimidazole (ORAL FEED)
88006-04 -- alpha-Methylstyrene (INHALATION AIR)
20008-04 -- Milk thistle extract (ORAL FEED)
99023-04 -- beta-Myrcene (GAVAGE CORN OIL)
97008-06 -- Propargyl alcohol (INHALATION AIR)
99020-06 -- Pulegone (GAVAGE CORN OIL)

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20114-06 -- Sodium dichromate dihydrate (VI) (ORAL WATER)
88148-07 -- 3,3',4,4'-Tetrachloroazobenzene (GAVAGE CORN OIL)
93025-06 -- Tetralin (INHALATION AIR)
96019-06 -- Water disinfection byproducts (Bromochloroacetic acid) (ORAL WATER)
96017-06 -- Water disinfection byproducts (Dibromoacetic acid) (ORAL WATER)
96015-06 -- Water disinfection byproducts (Dibromoacetonitrile) (ORAL WATER)

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex
Adrenal Medulla
Bone Marrow
Brain
Heart
Islets, Pancreatic
Kidney
Liver
Lung
Ovary
Pancreas
Pituitary Gland
Spleen
Testes
Thyroid Gland
Urinary Bladder

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

MALE MICE

Organ

Harderian Gland

Islets, Pancreatic
Liver

Spleen
Stomach, Forestomach

All Organs

Morphology

Adenoma
Carcinoma or Adenoma
Adenoma
Hemangiosarcoma
Hepatocellular Adenoma
Hemangiosarcoma
Squamous Cell Carcinoma or Papilloma Squamous
Squamous Cell Papilloma
Hemangiosarcoma
Hemangiosarcoma or Hemangioma

FEMALE MICE

Organ

Liver

All Organs

Morphology

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatoblastoma
Hepatocellular Carcinoma or Hepatocellular Adenoma
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Hemangiosarcoma
Hemangiosarcoma or Hemangioma
Histiocytic Sarcoma
Benign Tumors
Malignant Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	6/50 (12%)	6/50 (12%)	7/50 (14%)	8/49 (16%)
POLY-3 RATE (b)	6/44.50	6/44.28	7/44.72	8/46.49
POLY-3 PERCENT (g)	13.5%	13.6%	15.7%	17.2%
TERMINAL (d)	5/34 (15%)	6/35 (17%)	5/35 (14%)	6/38 (16%)
FIRST INCIDENCE	712	729 (T)	675	718
HC TUMORS SAME ROUTE	17/149 (11%)			
HC TUMORS ALL ROUTES	90/1441 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.352	P=0.618	P=0.504	P=0.421
POLY 1.5	P=0.329	P=0.620	P=0.503	P=0.401
POLY 6	P=0.379	P=0.613	P=0.505	P=0.442
COCH-ARM / FISHERS	P=0.295	P=0.620N	P=0.500	P=0.371
MAX-ISO-POLY-3	P=0.500	P=0.495	P=0.385	P=0.317
HISTCONT SAME RTE	P=0.107	P=0.427	P=0.161	P=0.103
HISTCONT ALL RTEs	P=0.028*	P=0.231	P=0.149	P=0.094

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	0/43.88	1/44.28	1/44.41	1/46.72
POLY-3 PERCENT (g)	0%	2.3%	2.3%	2.1%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	645
HC TUMORS SAME ROUTE	0/148 (0%)			
HC TUMORS ALL ROUTES	5/1432 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.506	P=0.502	P=0.502	P=0.512
POLY 1.5	P=0.496	P=0.503	P=0.503	P=0.508
POLY 6	P=0.517	P=0.499	P=0.501	P=0.518
COCH-ARM / FISHERS	P=0.481	P=0.505	P=0.505	P=0.500
MAX-ISO-POLY-3	P=0.345	P=0.160	P=0.160	P=0.174
HISTCONT SAME RTE	P=0.173	P=0.075	P=0.074	P=0.067
HISTCONT ALL RTEs	P=0.100	P=0.081	P=0.081	P=0.081

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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				
Pheochromocytoma Malignant				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.88	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	---	---	---	---
HC TUMORS SAME ROUTE	1/148 (1%)			
HC TUMORS ALL ROUTES	5/1432 (0%)			
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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(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
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	0/43.88	1/44.28	1/44.41	1/46.72
POLY-3 PERCENT (g)	0%	2.3%	2.3%	2.1%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	645
HC TUMORS SAME ROUTE	1/148 (1%)			
HC TUMORS ALL ROUTES	10/1432 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.506	P=0.502	P=0.502	P=0.512
POLY 1.5	P=0.496	P=0.503	P=0.503	P=0.508
POLY 6	P=0.517	P=0.499	P=0.501	P=0.518
COCH-ARM / FISHERS	P=0.481	P=0.505	P=0.505	P=0.500
MAX-ISO-POLY-3	P=0.345	P=0.160	P=0.160	P=0.174
HISTCONT SAME RTE	P=0.377	P=0.213	P=0.214	P=0.232
HISTCONT ALL RTEs	P=0.313	P=0.189	P=0.190	P=0.208

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone Marrow				
Hemangiosarcoma				
TUMOR 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	---	---	---	---
HC TUMORS SAME ROUTE	2/149 (1%)			
HC TUMORS ALL ROUTES	11/1442 (1%)			
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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(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
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	8/50 (16%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	2/45.07	8/44.93	4/44.93	5/47.41
POLY-3 PERCENT (g)	4.4%	17.8%	8.9%	10.6%
TERMINAL (d)	1/34 (3%)	7/35 (20%)	3/35 (9%)	5/38 (13%)
FIRST INCIDENCE	521	515	571	729 (T)
HC TUMORS SAME ROUTE	26/150 (17%)			
HC TUMORS ALL ROUTES	190/1449 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.535	P=0.044*	P=0.336	P=0.237
POLY 1.5	P=0.518	P=0.045*	P=0.337	P=0.230
POLY 6	P=0.553	P=0.042*	P=0.334	P=0.246
COCH-ARM / FISHERS	P=0.493	P=0.046*	P=0.339	P=0.218
MAX-ISO-POLY-3	P=0.176	P=0.021*	P=0.200	P=0.140
HISTCONT SAME RTE	P=0.223	P=0.024*	P=0.268	P=0.186
HISTCONT ALL RTEs	P=0.203	P=0.021*	P=0.241	P=0.165

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/44.43	1/44.28	2/44.41	2/47.41
POLY-3 PERCENT (g)	2.3%	2.3%	4.5%	4.2%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	2/35 (6%)	2/38 (5%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	47/1449 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.415	P=0.760	P=0.500	P=0.523
POLY 1.5	P=0.403	P=0.760	P=0.500	P=0.514
POLY 6	P=0.430	P=0.759	P=0.499	P=0.532
COCH-ARM / FISHERS	P=0.383	P=0.753N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.470	P=0.498	P=0.280	P=0.305
HISTCONT SAME RTE	P=0.506	P=0.646	P=0.377	P=0.411
HISTCONT ALL RTEs	P=0.550	P=0.628	P=0.349	P=0.382

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	9/50 (18%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	3/45.07	9/44.93	6/44.93	7/47.41
POLY-3 PERCENT (g)	6.7%	20%	13.4%	14.8%
TERMINAL (d)	2/34 (6%)	8/35 (23%)	5/35 (14%)	7/38 (18%)
FIRST INCIDENCE	521	515	571	729 (T)
HC TUMORS SAME ROUTE	29/150 (19%)			
HC TUMORS ALL ROUTES	231/1449 (16%)			
STATISTICAL TESTS				
POLY 3	P=0.408	P=0.058	P=0.240	P=0.179
POLY 1.5	P=0.390	P=0.059	P=0.242	P=0.171
POLY 6	P=0.430	P=0.055	P=0.238	P=0.188
COCH-ARM / FISHERS	P=0.362	P=0.061	P=0.243	P=0.159
MAX-ISO-POLY-3	P=0.159	P=0.029*	P=0.145	P=0.110
HISTCONT SAME RTE	P=0.202	P=0.035*	P=0.194	P=0.145
HISTCONT ALL RTEs	P=0.183	P=0.030*	P=0.172	P=0.127

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Jejunum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.07	2/44.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	2.2%	4.5%	0%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	521	729 (T)	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	2/1449 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.208N	P=0.494	P=0.503N	P=0.490N
POLY 1.5	P=0.210N	P=0.497	P=0.501N	P=0.494N
POLY 6	P=0.205N	P=0.489	P=0.505N	P=0.486N
COCH-ARM / FISHERS	P=0.214N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.172N	P=0.277	P=0.162N	P=0.158N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Jejunum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/44.43	1/44.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	2.3%	2.3%	0%	0%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	17/1449 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.300N	P=0.760	P=0.500N	P=0.487N
POLY 1.5	P=0.303N	P=0.760	P=0.500N	P=0.492N
POLY 6	P=0.297N	P=0.759	P=0.501N	P=0.482N
COCH-ARM / FISHERS	P=0.305N	P=0.753N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.257N	P=0.498	P=0.159N	P=0.158N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.07	2/44.28	0/44.41	0/47.41
POLY-3 PERCENT (g)	2.2%	4.5%	0%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	521	729 (T)	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	11/1449 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.208N	P=0.494	P=0.503N	P=0.490N
POLY 1.5	P=0.210N	P=0.497	P=0.501N	P=0.494N
POLY 6	P=0.205N	P=0.489	P=0.505N	P=0.486N
COCH-ARM / FISHERS	P=0.214N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.172N	P=0.277	P=0.162N	P=0.158N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Site Unspecified Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.43	1/44.28	1/44.54	0/47.41
POLY-3 PERCENT (g)	2.3%	2.3%	2.3%	0%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	698	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	23/1449 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.309N	P=0.760	P=0.760N	P=0.487N
POLY 1.5	P=0.315N	P=0.760	P=0.760N	P=0.492N
POLY 6	P=0.302N	P=0.759	P=0.760N	P=0.482N
COCH-ARM / FISHERS	P=0.323N	P=0.753N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.336N	P=0.498	P=0.499N	P=0.158N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.07	3/44.28	1/44.54	0/47.41
POLY-3 PERCENT (g)	4.4%	6.8%	2.3%	0%
TERMINAL (d)	1/34 (3%)	3/35 (9%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	521	729 (T)	698	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	33/1449 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.097N	P=0.492	P=0.504N	P=0.226N
POLY 1.5	P=0.101N	P=0.496	P=0.502N	P=0.230N
POLY 6	P=0.093N	P=0.486	P=0.506N	P=0.221N
COCH-ARM / FISHERS	P=0.106N	P=0.500	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.111N	P=0.318	P=0.285N	P=0.076N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	5/49 (10%)
POLY-3 RATE (b)	2/44.50	1/44.69	1/44.41	5/46.76
POLY-3 PERCENT (g)	4.5%	2.2%	2.3%	10.7%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	1/35 (3%)	4/38 (11%)
FIRST INCIDENCE	714	613	729 (T)	630
HC TUMORS SAME ROUTE	1/149 (1%)			
HC TUMORS ALL ROUTES	20/1436 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.055	P=0.499N	P=0.501N	P=0.237
POLY 1.5	P=0.051	P=0.499N	P=0.500N	P=0.226
POLY 6	P=0.059	P=0.499N	P=0.502N	P=0.250
COCH-ARM / FISHERS	P=0.048*	P=0.500N	P=0.500N	P=0.210
MAX-ISO-POLY-3	P=0.078	P=0.280N	P=0.281N	P=0.141
HISTCONT SAME RTE	P=0.029*	P=0.404	P=0.404	P=0.059
HISTCONT ALL RTEs	P=0.002**	P=0.523	P=0.522	P=0.007**

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/48 (2%)	0/49 (0%)	0/49 (0%)	2/47 (4%)
POLY-3 RATE (b)	1/43.27	0/43.63	0/43.62	2/44.48
POLY-3 PERCENT (g)	2.3%	0%	0%	4.5%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/35 (0%)	2/38 (5%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
HC TUMORS SAME ROUTE	0/148 (0%)			
HC TUMORS ALL ROUTES	14/1443 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.192	P=0.498N	P=0.498N	P=0.510
POLY 1.5	P=0.189	P=0.497N	P=0.497N	P=0.503
POLY 6	P=0.197	P=0.501N	P=0.500N	P=0.515
COCH-ARM / FISHERS	P=0.183	P=0.495N	P=0.495N	P=0.492
MAX-ISO-POLY-3	P=0.148	P=0.158N	P=0.158N	P=0.292
HISTCONT SAME RTE	P=0.066	(e)	(e)	P=0.068
HISTCONT ALL RTEs	P=0.169	(e)	(e)	P=0.139

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	4/44.81	2/44.46	1/44.41	0/46.41
POLY-3 PERCENT (g)	8.9%	4.5%	2.3%	0%
TERMINAL (d)	3/34 (9%)	1/35 (3%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	622	683	729 (T)	---
HC TUMORS SAME ROUTE	2/150 (1%)			
HC TUMORS ALL ROUTES	42/1447 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.047N*	P=0.341N	P=0.181N	P=0.056N
POLY 1.5	P=0.050N*	P=0.339N	P=0.180N	P=0.059N
POLY 6	P=0.045N*	P=0.344N	P=0.183N	P=0.053N
COCH-ARM / FISHERS	P=0.054N	P=0.339N	P=0.181N	P=0.061N
MAX-ISO-POLY-3	P=0.023N*	P=0.204N	P=0.086N	P=0.020N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	1/44.43	3/45.35	2/44.52	1/46.41
POLY-3 PERCENT (g)	2.3%	6.6%	4.5%	2.2%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	1/35 (3%)	1/38 (3%)
FIRST INCIDENCE	729 (T)	509	703	729 (T)
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	51/1447 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.405N	P=0.313	P=0.501	P=0.751N
POLY 1.5	P=0.416N	P=0.310	P=0.501	P=0.756N
POLY 6	P=0.393N	P=0.314	P=0.500	P=0.745N
COCH-ARM / FISHERS	P=0.432N	P=0.309	P=0.500	P=0.747
MAX-ISO-POLY-3	P=0.464N	P=0.162	P=0.281	P=0.487N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	31/50 (62%)	29/50 (58%)	23/50 (46%)	29/49 (59%)
POLY-3 RATE (b)	31/46.06	29/46.27	23/45.89	29/48.10
POLY-3 PERCENT (g)	67.3%	62.7%	50.1%	60.3%
TERMINAL (d)	24/34 (71%)	23/35 (66%)	18/35 (51%)	23/38 (61%)
FIRST INCIDENCE	503	590	521	521
HC TUMORS SAME ROUTE	86/150 (57%)			
HC TUMORS ALL ROUTES	751/1447 (52%)			
STATISTICAL TESTS				
POLY 3	P=0.358N	P=0.400N	P=0.065N	P=0.308N
POLY 1.5	P=0.424N	P=0.407N	P=0.069N	P=0.370N
POLY 6	P=0.285N	P=0.390N	P=0.064N	P=0.243N
COCH-ARM / FISHERS	P=0.520N	P=0.419N	P=0.080N	P=0.468N
MAX-ISO-POLY-3	P=0.188N	P=0.316N	P=0.041N*	P=0.243N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	28/50 (56%)	28/50 (56%)	30/50 (60%)	31/49 (63%)
POLY-3 RATE (b)	28/48.60	28/47.03	30/48.23	31/47.99
POLY-3 PERCENT (g)	57.6%	59.5%	62.2%	64.6%
TERMINAL (d)	18/34 (53%)	20/35 (57%)	21/35 (60%)	24/38 (63%)
FIRST INCIDENCE	402	509	471	590
HC TUMORS SAME ROUTE	51/150 (34%)			
HC TUMORS ALL ROUTES	430/1447 (30%)			
STATISTICAL TESTS				
POLY 3	P=0.279	P=0.507	P=0.400	P=0.310
POLY 1.5	P=0.262	P=0.538	P=0.408	P=0.304
POLY 6	P=0.306	P=0.468	P=0.392	P=0.320
COCH-ARM / FISHERS	P=0.239	P=0.580N	P=0.420	P=0.298
MAX-ISO-POLY-3	P=0.387	P=0.423	P=0.322	P=0.241
HISTCONT SAME RTE	P=0.081	P=0.134	P=0.112	P=0.098
HISTCONT ALL RTEs	P<0.001**	P=0.034*	P=0.022*	P=0.016*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	29/50 (58%)	29/50 (58%)	31/50 (62%)	31/49 (63%)
POLY-3 RATE (b)	29/48.60	29/47.44	31/48.33	31/47.99
POLY-3 PERCENT (g)	59.7%	61.1%	64.1%	64.6%
TERMINAL (d)	19/34 (56%)	20/35 (57%)	21/35 (60%)	24/38 (63%)
FIRST INCIDENCE	402	509	471	590
HC TUMORS SAME ROUTE	54/150 (36%)			
HC TUMORS ALL ROUTES	463/1447 (32%)			
STATISTICAL TESTS				
POLY 3	P=0.358	P=0.525	P=0.403	P=0.386
POLY 1.5	P=0.340	P=0.548	P=0.409	P=0.379
POLY 6	P=0.383	P=0.499	P=0.400	P=0.398
COCH-ARM / FISHERS	P=0.316	P=0.580N	P=0.419	P=0.371
MAX-ISO-POLY-3	P=0.491	P=0.441	P=0.325	P=0.309
HISTCONT SAME RTE	P=0.096	P=0.133	P=0.110	P=0.106
HISTCONT ALL RTEs	P=0.002**	P=0.044*	P=0.028*	P=0.026*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

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 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	45/50 (90%)	42/50 (84%)	41/50 (82%)	41/49 (84%)
POLY-3 RATE (b)	45/48.77	42/48.17	41/49.10	41/48.65
POLY-3 PERCENT (g)	92.3%	87.2%	83.5%	84.3%
TERMINAL (d)	32/34 (94%)	31/35 (89%)	28/35 (80%)	32/38 (84%)
FIRST INCIDENCE	402	509	471	521
HC TUMORS SAME ROUTE	116/150 (77%)			
HC TUMORS ALL ROUTES	984/1447 (68%)			
STATISTICAL TESTS				
POLY 3	P=0.212N	P=0.301N	P=0.144N	P=0.173N
POLY 1.5	P=0.260N	P=0.290N	P=0.163N	P=0.207N
POLY 6	P=0.166N	P=0.315N	P=0.124N	P=0.139N
COCH-ARM / FISHERS	P=0.337N	P=0.277N	P=0.194N	P=0.264N
MAX-ISO-POLY-3	P=0.167N	P=0.192N	P=0.084N	P=0.103N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	45/50 (90%)	42/50 (84%)	41/50 (82%)	41/49 (84%)
POLY-3 RATE (b)	45/48.77	42/48.17	41/49.10	41/48.65
POLY-3 PERCENT (g)	92.3%	87.2%	83.5%	84.3%
TERMINAL (d)	32/34 (94%)	31/35 (89%)	28/35 (80%)	32/38 (84%)
FIRST INCIDENCE	402	509	471	521
HC TUMORS SAME ROUTE	116/150 (77%)			
HC TUMORS ALL ROUTES	995/1447 (69%)			
STATISTICAL TESTS				
POLY 3	P=0.212N	P=0.301N	P=0.144N	P=0.173N
POLY 1.5	P=0.260N	P=0.290N	P=0.163N	P=0.207N
POLY 6	P=0.166N	P=0.315N	P=0.124N	P=0.139N
COCH-ARM / FISHERS	P=0.337N	P=0.277N	P=0.194N	P=0.264N
MAX-ISO-POLY-3	P=0.167N	P=0.192N	P=0.084N	P=0.103N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	8/50 (16%)	7/50 (14%)	4/50 (8%)	8/50 (16%)
POLY-3 RATE (b)	8/45.10	7/44.54	4/44.93	8/47.45
POLY-3 PERCENT (g)	17.7%	15.7%	8.9%	16.9%
TERMINAL (d)	6/34 (18%)	6/35 (17%)	3/35 (9%)	7/38 (18%)
FIRST INCIDENCE	521	659	571	718
HC TUMORS SAME ROUTE	22/150 (15%)			
HC TUMORS ALL ROUTES	228/1449 (16%)			
STATISTICAL TESTS				
POLY 3	P=0.541	P=0.511N	P=0.178N	P=0.564N
POLY 1.5	P=0.522	P=0.505N	P=0.177N	P=0.581N
POLY 6	P=0.564	P=0.518N	P=0.178N	P=0.546N
COCH-ARM / FISHERS	P=0.494	P=0.500N	P=0.178N	P=0.607N
MAX-ISO-POLY-3	P=0.426N	P=0.398N	P=0.108N	P=0.456N
HISTCONT SAME RTE	P=0.673	P=1.000	P=1.000	P=0.587
HISTCONT ALL RTEs	P=0.664	P=1.000	P=1.000	P=1.000

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	7/50 (14%)	3/50 (6%)	4/50 (8%)	5/50 (10%)
POLY-3 RATE (b)	7/44.93	3/45.25	4/45.34	5/47.45
POLY-3 PERCENT (g)	15.6%	6.6%	8.8%	10.5%
TERMINAL (d)	3/34 (9%)	1/35 (3%)	2/35 (6%)	4/38 (11%)
FIRST INCIDENCE	668	513	521	719
HC TUMORS SAME ROUTE	13/150 (9%)			
HC TUMORS ALL ROUTES	164/1449 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.501N	P=0.154N	P=0.255N	P=0.341N
POLY 1.5	P=0.514N	P=0.155N	P=0.257N	P=0.355N
POLY 6	P=0.487N	P=0.155N	P=0.255N	P=0.329N
COCH-ARM / FISHERS	P=0.534N	P=0.159N	P=0.262N	P=0.380N
MAX-ISO-POLY-3	P=0.235N	P=0.088N	P=0.165N	P=0.243N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	14/50 (28%)	10/50 (20%)	8/50 (16%)	12/50 (24%)
POLY-3 RATE (b)	14/45.60	10/45.51	8/45.86	12/47.49
POLY-3 PERCENT (g)	30.7%	22%	17.4%	25.3%
TERMINAL (d)	8/34 (24%)	7/35 (20%)	5/35 (14%)	10/38 (26%)
FIRST INCIDENCE	521	513	521	718
HC TUMORS SAME ROUTE	34/150 (23%)			
HC TUMORS ALL ROUTES	376/1449 (26%)			
STATISTICAL TESTS				
POLY 3	P=0.493N	P=0.239N	P=0.106N	P=0.362N
POLY 1.5	P=0.511N	P=0.238N	P=0.108N	P=0.379N
POLY 6	P=0.475N	P=0.243N	P=0.105N	P=0.347N
COCH-ARM / FISHERS	P=0.539N	P=0.241N	P=0.114N	P=0.410N
MAX-ISO-POLY-3	P=0.244N	P=0.172N	P=0.068N	P=0.284N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mammary Gland Carcinoma				
TUMOR 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	---	---	---	---
HC TUMORS SAME ROUTE	2/150 (1%)			
HC TUMORS ALL ROUTES	2/1449 (0%)			
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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Adenoma				
TUMOR 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	---	---	---	---
HC TUMORS SAME ROUTE	1/148 (1%)			
HC TUMORS ALL ROUTES	6/1418 (0%)			
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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Carcinoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/43.67	0/43.28	0/44.41	1/46.43
POLY-3 PERCENT (g)	0%	0%	0%	2.2%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	723
HC TUMORS SAME ROUTE	0/148 (0%)			
HC TUMORS ALL ROUTES	1/1418 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.225	(e)	(e)	P=0.512
POLY 1.5	P=0.221	(e)	(e)	P=0.508
POLY 6	P=0.230	(e)	(e)	P=0.517
COCH-ARM / FISHERS	P=0.214	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.147	(e)	(e)	P=0.174
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/43.67	0/43.28	0/44.41	1/46.43
POLY-3 PERCENT (g)	0%	0%	0%	2.2%
TERMINAL (d)	0/34 (0%)	0/34 (0%)	0/35 (0%)	0/38 (0%)
FIRST INCIDENCE	---	---	---	723
HC TUMORS SAME ROUTE	1/148 (1%)			
HC TUMORS ALL ROUTES	7/1418 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.225	(e)	(e)	P=0.512
POLY 1.5	P=0.221	(e)	(e)	P=0.508
POLY 6	P=0.230	(e)	(e)	P=0.517
COCH-ARM / FISHERS	P=0.214	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.147	(e)	(e)	P=0.174
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.07	0/44.28	0/44.41	0/47.41
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	521	---	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	2/1449 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.469N	P=0.504N	P=0.503N	P=0.490N
POLY 1.5	P=0.470N	P=0.502N	P=0.501N	P=0.494N
POLY 6	P=0.466N	P=0.506N	P=0.505N	P=0.486N
COCH-ARM / FISHERS	P=0.471N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.126N	P=0.163N	P=0.162N	P=0.158N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.81	3/44.28	1/44.41	0/47.41
POLY-3 PERCENT (g)	2.2%	6.8%	2.3%	0%
TERMINAL (d)	0/34 (0%)	3/35 (9%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	622	729 (T)	729 (T)	---
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	16/1449 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.161N	P=0.301	P=0.759	P=0.489N
POLY 1.5	P=0.165N	P=0.304	P=0.760	P=0.493N
POLY 6	P=0.156N	P=0.296	P=0.757	P=0.485N
COCH-ARM / FISHERS	P=0.173N	P=0.309	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.159N	P=0.152	P=0.497	P=0.158N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	3/48 (6%)	0/47 (0%)	0/49 (0%)	1/49 (2%)
POLY-3 RATE (b)	3/43.87	0/42.36	0/43.93	1/46.41
POLY-3 PERCENT (g)	6.8%	0%	0%	2.2%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	622	---	---	729 (T)
HC TUMORS SAME ROUTE	4/149 (3%)			
HC TUMORS ALL ROUTES	37/1438 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.423N	P=0.125N	P=0.118N	P=0.285N
POLY 1.5	P=0.428N	P=0.123N	P=0.117N	P=0.290N
POLY 6	P=0.417N	P=0.128N	P=0.121N	P=0.283N
COCH-ARM / FISHERS	P=0.434N	P=0.125N	P=0.117N	P=0.301N
MAX-ISO-POLY-3	P=0.043N*	P=0.042N*	P=0.038N*	P=0.146N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	4/44.50	2/44.28	2/44.45	0/47.41
POLY-3 PERCENT (g)	9%	4.5%	4.5%	0%
TERMINAL (d)	3/34 (9%)	2/35 (6%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	712	729 (T)	719	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	26/1449 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.052N	P=0.339N	P=0.337N	P=0.053N
POLY 1.5	P=0.055N	P=0.338N	P=0.337N	P=0.056N
POLY 6	P=0.048N*	P=0.343N	P=0.339N	P=0.050N*
COCH-ARM / FISHERS	P=0.061N	P=0.339N	P=0.339N	P=0.059N
MAX-ISO-POLY-3	P=0.032N*	P=0.203N	P=0.201N	P=0.019N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Squamous Cell Papilloma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	3/44.50	2/44.28	2/44.45	0/47.41
POLY-3 PERCENT (g)	6.7%	4.5%	4.5%	0%
TERMINAL (d)	2/34 (6%)	2/35 (6%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	712	729 (T)	719	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	20/1449 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.086N	P=0.502N	P=0.501N	P=0.108N
POLY 1.5	P=0.091N	P=0.500N	P=0.500N	P=0.112N
POLY 6	P=0.081N	P=0.506N	P=0.502N	P=0.103N
COCH-ARM / FISHERS	P=0.098N	P=0.500N	P=0.500N	P=0.121N
MAX-ISO-POLY-3	P=0.082N	P=0.326N	P=0.324N	P=0.038N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	1/44.43	0/43.94	0/44.41	1/46.41
POLY-3 PERCENT (g)	2.3%	0%	0%	2.2%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/35 (0%)	1/38 (3%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
HC TUMORS SAME ROUTE	1/149 (1%)			
HC TUMORS ALL ROUTES	24/1441 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.549	P=0.502N	P=0.500N	P=0.751N
POLY 1.5	P=0.544	P=0.503N	P=0.500N	P=0.756N
POLY 6	P=0.555	P=0.503N	P=0.501N	P=0.745N
COCH-ARM / FISHERS	P=0.538	P=0.505N	P=0.500N	P=0.747
MAX-ISO-POLY-3	P=0.408N	P=0.160N	P=0.159N	P=0.487N
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.50	2/44.28	1/44.41	1/47.41
POLY-3 PERCENT (g)	2.3%	4.5%	2.3%	2.1%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	1/35 (3%)	1/38 (3%)
FIRST INCIDENCE	714	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	16/1449 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.517N	P=0.498	P=0.760	P=0.746N
POLY 1.5	P=0.526N	P=0.500	P=0.760N	P=0.752N
POLY 6	P=0.508N	P=0.495	P=0.759	P=0.740N
COCH-ARM / FISHERS	P=0.539N	P=0.500	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.567N	P=0.279	P=0.499	P=0.482N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	6/50 (12%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	6/44.94	6/44.46	2/44.41	1/47.41
POLY-3 PERCENT (g)	13.4%	13.5%	4.5%	2.1%
TERMINAL (d)	4/34 (12%)	5/35 (14%)	2/35 (6%)	1/38 (3%)
FIRST INCIDENCE	622	683	729 (T)	729 (T)
HC TUMORS SAME ROUTE	11/150 (7%)			
HC TUMORS ALL ROUTES	99/1449 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.022N*	P=0.614	P=0.136N	P=0.048N*
POLY 1.5	P=0.024N*	P=0.618	P=0.135N	P=0.051N
POLY 6	P=0.020N*	P=0.606	P=0.139N	P=0.045N*
COCH-ARM / FISHERS	P=0.029N*	P=0.620N	P=0.134N	P=0.056N
MAX-ISO-POLY-3	P=0.035N*	P=0.491	P=0.072N	P=0.022N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	7/50 (14%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	7/45.00	7/44.46	3/44.41	2/47.41
POLY-3 PERCENT (g)	15.6%	15.8%	6.8%	4.2%
TERMINAL (d)	4/34 (12%)	6/35 (17%)	3/35 (9%)	2/38 (5%)
FIRST INCIDENCE	622	683	729 (T)	729 (T)
HC TUMORS SAME ROUTE	14/150 (9%)			
HC TUMORS ALL ROUTES	113/1449 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.034N*	P=0.605	P=0.162N	P=0.067N
POLY 1.5	P=0.037N*	P=0.610	P=0.160N	P=0.071N
POLY 6	P=0.030N*	P=0.595	P=0.166N	P=0.063N
COCH-ARM / FISHERS	P=0.044N*	P=0.613N	P=0.159N	P=0.080N
MAX-ISO-POLY-3	P=0.054N	P=0.489	P=0.094N	P=0.035N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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 PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/44.43	1/44.93	1/44.41	2/48.35
POLY-3 PERCENT (g)	0%	2.2%	2.3%	4.1%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/35 (3%)	0/38 (0%)
FIRST INCIDENCE	---	515	729 (T)	521
HC TUMORS SAME ROUTE	2/150 (1%)			
HC TUMORS ALL ROUTES	7/1449 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.217	P=0.502	P=0.500	P=0.257
POLY 1.5	P=0.208	P=0.502	P=0.500	P=0.249
POLY 6	P=0.229	P=0.502	P=0.499	P=0.265
COCH-ARM / FISHERS	P=0.193	P=0.500	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.154	P=0.161	P=0.158	P=0.094
HISTCONT SAME RTE	P=0.189	P=0.215	P=0.211	P=0.123
HISTCONT ALL RTEs	P=0.004**	P=0.131	P=0.130	P=0.009**

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	9/50 (18%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	4/44.58	9/44.93	8/44.41	5/47.43
POLY-3 PERCENT (g)	9%	20%	18%	10.5%
TERMINAL (d)	3/34 (9%)	8/35 (23%)	8/35 (23%)	4/38 (11%)
FIRST INCIDENCE	691	515	729 (T)	723
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	52/1449 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.358N	P=0.117	P=0.173	P=0.539
POLY 1.5	P=0.381N	P=0.117	P=0.176	P=0.524
POLY 6	P=0.332N	P=0.114	P=0.169	P=0.554
COCH-ARM / FISHERS	P=0.417N	P=0.117	P=0.178	P=0.500
MAX-ISO-POLY-3	P=0.277	P=0.068	P=0.105	P=0.402
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	37/50 (74%)	34/50 (68%)	34/50 (68%)	39/50 (78%)
POLY-3 RATE (b)	37/46.70	34/47.59	34/46.62	39/49.49
POLY-3 PERCENT (g)	79.2%	71.4%	72.9%	78.8%
TERMINAL (d)	29/34 (85%)	26/35 (74%)	27/35 (77%)	30/38 (79%)
FIRST INCIDENCE	503	500	521	521
HC TUMORS SAME ROUTE	110/150 (73%)			
HC TUMORS ALL ROUTES	975/1449 (67%)			
STATISTICAL TESTS				
POLY 3	P=0.390	P=0.253N	P=0.310N	P=0.581N
POLY 1.5	P=0.318	P=0.282N	P=0.315N	P=0.533
POLY 6	P=0.494	P=0.220N	P=0.308N	P=0.472N
COCH-ARM / FISHERS	P=0.235	P=0.330N	P=0.330N	P=0.408
MAX-ISO-POLY-3	P=0.467N	P=0.182N	P=0.227N	P=0.478N
HISTCONT SAME RTE	P=0.611	P=1.000	P=1.000	P=0.577
HISTCONT ALL RTEs	P=0.459	P=0.612	P=0.566	P=0.377

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	37/50 (74%)	39/50 (78%)	39/50 (78%)	41/50 (82%)
POLY-3 RATE (b)	37/49.52	39/49.06	39/48.97	41/50.00
POLY-3 PERCENT (g)	74.7%	79.5%	79.7%	82%
TERMINAL (d)	23/34 (68%)	26/35 (74%)	28/35 (80%)	30/38 (79%)
FIRST INCIDENCE	402	509	471	521
HC TUMORS SAME ROUTE	80/150 (53%)			
HC TUMORS ALL ROUTES	778/1449 (54%)			
STATISTICAL TESTS				
POLY 3	P=0.275	P=0.372	P=0.365	P=0.261
POLY 1.5	P=0.257	P=0.385	P=0.383	P=0.250
POLY 6	P=0.300	P=0.361	P=0.342	P=0.278
COCH-ARM / FISHERS	P=0.232	P=0.408	P=0.408	P=0.235
MAX-ISO-POLY-3	P=0.301	P=0.287	P=0.280	P=0.190
HISTCONT SAME RTE	P=0.086	P=0.101	P=0.101	P=0.086
HISTCONT ALL RTEs	P=0.006**	P=0.068	P=0.067	P=0.047*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	49/50 (98%)	49/50 (98%)	46/50 (92%)	47/50 (94%)
POLY-3 RATE (b)	49/49.55	49/50.00	46/49.10	47/50.00
POLY-3 PERCENT (g)	98.9%	98%	93.7%	94%
TERMINAL (d)	34/34 (100%)	34/35 (97%)	33/35 (94%)	36/38 (95%)
FIRST INCIDENCE	402	500	471	521
HC TUMORS SAME ROUTE	135/150 (90%)			
HC TUMORS ALL ROUTES	1262/1449 (87%)			
STATISTICAL TESTS				
POLY 3	P=0.152N	P=0.687N	P=0.178N	P=0.212N
POLY 1.5	P=0.181N	P=0.725N	P=0.177N	P=0.251N
POLY 6	P=0.120N	P=0.618N	P=0.182N	P=0.167N
COCH-ARM / FISHERS	P=0.224N	P=0.753N	P=0.181N	P=0.309N
MAX-ISO-POLY-3	P=0.140N	P=0.350N	P=0.066N	P=0.088N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

TDMS No. 95003 - 06
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 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	0/45.48	1/44.61	0/45.79
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	---	561	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	5/1492 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.786N	(e)	P=0.491	(e)
POLY 1.5	P=0.785N	(e)	P=0.495	(e)
POLY 6	P=0.787N	(e)	P=0.487	(e)
COCH-ARM / FISHERS	P=0.784N	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.385	(e)	P=0.158	(e)
HISTCONT SAME RTE	(h)	(e)	(h)	(e)
HISTCONT ALL RTEs	(h)	(e)	(h)	(e)

TDMS No. 95003 - 06
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Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Medulla				
Pheochromocytoma Benign				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/49 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/46.72	1/45.48	1/44.07	2/45.79
POLY-3 PERCENT (g)	0%	2.2%	2.3%	4.4%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	1/31 (3%)	2/37 (5%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	2/149 (1%)			
HC TUMORS ALL ROUTES	14/1489 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.191	P=0.495	P=0.488	P=0.233
POLY 1.5	P=0.193	P=0.496	P=0.493	P=0.235
POLY 6	P=0.189	P=0.493	P=0.483	P=0.231
COCH-ARM / FISHERS	P=0.195	P=0.495	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.125	P=0.157	P=0.158	P=0.076
HISTCONT SAME RTE	P=0.158	P=0.210	P=0.211	P=0.098
HISTCONT ALL RTEs	P=0.109	P=0.186	P=0.188	P=0.086

TDMS No. 95003 - 06
 Test Type: CHRONIC
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P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Medulla				
Pheochromocytoma Malignant				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	2/49 (4%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/46.72	2/45.48	2/44.07	1/45.79
POLY-3 PERCENT (g)	2.1%	4.4%	4.5%	2.2%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	2/31 (7%)	1/37 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	0/149 (0%)			
HC TUMORS ALL ROUTES	6/1489 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.527N	P=0.491	P=0.480	P=0.756
POLY 1.5	P=0.524N	P=0.493	P=0.488	P=0.758
POLY 6	P=0.529N	P=0.488	P=0.470	P=0.755
COCH-ARM / FISHERS	P=0.520N	P=0.492	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.538	P=0.274	P=0.269	P=0.493
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

TDMS No. 95003 - 06
 Test Type: CHRONIC
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P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Adrenal Medulla				
Pheochromocytoma: Benign, Complex, Malignant, NOS				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	3/49 (6%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	1/46.72	3/45.48	3/44.07	3/45.79
POLY-3 PERCENT (g)	2.1%	6.6%	6.8%	6.6%
TERMINAL (d)	1/37 (3%)	3/39 (8%)	3/31 (10%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
HC TUMORS SAME ROUTE	2/149 (1%)			
HC TUMORS ALL ROUTES	21/1489 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.367	P=0.296	P=0.285	P=0.298
POLY 1.5	P=0.371	P=0.298	P=0.293	P=0.301
POLY 6	P=0.364	P=0.292	P=0.275	P=0.295
COCH-ARM / FISHERS	P=0.377	P=0.301	P=0.309	P=0.309
MAX-ISO-POLY-3	P=0.279	P=0.149	P=0.146	P=0.151
HISTCONT SAME RTE	P=0.227	P=0.127	P=0.131	P=0.129
HISTCONT ALL RTEs	P=0.016*	P=0.054	P=0.054	P=0.056

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Bone Marrow				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/47.01	0/46.41	2/44.07	0/45.79
POLY-3 PERCENT (g)	2.1%	0%	4.5%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	649	---	729 (T)	---
HC TUMORS SAME ROUTE	2/149 (1%)			
HC TUMORS ALL ROUTES	8/1493 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.456N	P=0.503N	P=0.477	P=0.505N
POLY 1.5	P=0.455N	P=0.501N	P=0.487	P=0.503N
POLY 6	P=0.457N	P=0.505N	P=0.466	P=0.508N
COCH-ARM / FISHERS	P=0.450N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.334N	P=0.162N	P=0.268	P=0.165N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	4/50 (8%)	6/50 (12%)	5/50 (10%)
POLY-3 RATE (b)	4/46.72	4/46.41	6/44.08	5/46.25
POLY-3 PERCENT (g)	8.6%	8.6%	13.6%	10.8%
TERMINAL (d)	4/37 (11%)	4/39 (10%)	5/31 (16%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	725	653
HC TUMORS SAME ROUTE	18/150 (12%)			
HC TUMORS ALL ROUTES	165/1498 (11%)			
STATISTICAL TESTS				
POLY 3	P=0.433	P=0.640	P=0.333	P=0.494
POLY 1.5	P=0.434	P=0.643	P=0.349	P=0.496
POLY 6	P=0.438	P=0.635	P=0.317	P=0.495
COCH-ARM / FISHERS	P=0.438	P=0.643N	P=0.370	P=0.500
MAX-ISO-POLY-3	P=0.457	P=0.495	P=0.229	P=0.358
HISTCONT SAME RTE	P=0.569	P=0.642	P=0.309	P=0.480
HISTCONT ALL RTEs	P=0.535	P=0.624	P=0.280	P=0.452

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.72	1/46.88	2/44.57	1/45.79
POLY-3 PERCENT (g)	0%	2.1%	4.5%	2.2%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/31 (3%)	1/37 (3%)
FIRST INCIDENCE	---	590	577	729 (T)
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	37/1498 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.489	P=0.501	P=0.227	P=0.496
POLY 1.5	P=0.494	P=0.501	P=0.231	P=0.498
POLY 6	P=0.486	P=0.500	P=0.222	P=0.495
COCH-ARM / FISHERS	P=0.500	P=0.500	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.226	P=0.159	P=0.076	P=0.159
HISTCONT SAME RTE	P=0.288	P=0.213	P=0.098	P=0.212
HISTCONT ALL RTEs	P=0.263	P=0.189	P=0.086	P=0.188

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	5/50 (10%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	4/46.72	5/46.88	7/44.59	6/46.25
POLY-3 PERCENT (g)	8.6%	10.7%	15.7%	13%
TERMINAL (d)	4/37 (11%)	4/39 (10%)	5/31 (16%)	4/37 (11%)
FIRST INCIDENCE	729 (T)	590	577	653
HC TUMORS SAME ROUTE	21/150 (14%)			
HC TUMORS ALL ROUTES	201/1498 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.352	P=0.502	P=0.234	P=0.363
POLY 1.5	P=0.355	P=0.503	P=0.246	P=0.366
POLY 6	P=0.354	P=0.500	P=0.223	P=0.364
COCH-ARM / FISHERS	P=0.361	P=0.500	P=0.262	P=0.370
MAX-ISO-POLY-3	P=0.321	P=0.365	P=0.153	P=0.249
HISTCONT SAME RTE	P=0.405	P=0.489	P=0.205	P=0.334
HISTCONT ALL RTEs	P=0.373	P=0.461	P=0.182	P=0.306

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Jejunum Adenoma				
TUMOR 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	---	---	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	1/1498 (0%)			
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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTES	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Jejunum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	2/46.60	0/44.07	0/45.79
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	---	681	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	4/1498 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.381N	P=0.237	(e)	(e)
POLY 1.5	P=0.380N	P=0.238	(e)	(e)
POLY 6	P=0.383N	P=0.235	(e)	(e)
COCH-ARM / FISHERS	P=0.380N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.261N	P=0.076	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTES	(h)	(h)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.72	1/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	0%	2.2%	0%	0%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	5/1498 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.586N	P=0.499	(e)	(e)
POLY 1.5	P=0.585N	P=0.500	(e)	(e)
POLY 6	P=0.587N	P=0.497	(e)	(e)
COCH-ARM / FISHERS	P=0.585N	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.394N	P=0.159	(e)	(e)
HISTCONT SAME RTE	(h)	(h)	(e)	(e)
HISTCONT ALL RTEs	(h)	(h)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Site Unspecified Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.72	2/46.60	0/44.07	0/45.79
POLY-3 PERCENT (g)	2.1%	4.3%	0%	0%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	681	---	---
HC TUMORS SAME ROUTE	0/150 (0%)			
HC TUMORS ALL ROUTES	5/1498 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.216N	P=0.499	P=0.512N	P=0.504N
POLY 1.5	P=0.215N	P=0.501	P=0.507N	P=0.502N
POLY 6	P=0.216N	P=0.497	P=0.517N	P=0.505N
COCH-ARM / FISHERS	P=0.214N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.182N	P=0.280	P=0.173N	P=0.164N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.72	3/46.60	0/44.07	0/45.79
POLY-3 PERCENT (g)	2.1%	6.4%	0%	0%
TERMINAL (d)	1/37 (3%)	2/39 (5%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	681	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	10/1498 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.156N	P=0.304	P=0.512N	P=0.504N
POLY 1.5	P=0.155N	P=0.306	P=0.507N	P=0.502N
POLY 6	P=0.157N	P=0.302	P=0.517N	P=0.505N
COCH-ARM / FISHERS	P=0.156N	P=0.309	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.154	P=0.173N	P=0.164N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Islets, Pancreatic Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/49 (4%)	0/47 (0%)
POLY-3 RATE (b)	0/46.72	1/46.60	2/43.50	0/43.42
POLY-3 PERCENT (g)	0%	2.2%	4.6%	0%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	---	681	676	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	13/1478 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.538N	P=0.499	P=0.222	(e)
POLY 1.5	P=0.537N	P=0.500	P=0.226	(e)
POLY 6	P=0.538N	P=0.498	P=0.217	(e)
COCH-ARM / FISHERS	P=0.534N	P=0.500	P=0.242	(e)
MAX-ISO-POLY-3	P=0.326	P=0.159	P=0.075	(e)
HISTCONT SAME RTE	(h)	(h)	(h)	(e)
HISTCONT ALL RTEs	(h)	(h)	(h)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Methyl trans-styryl ketone
CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
Time Report Requested: 15:24:06
First Dose M/F: 04/26/04 / 04/26/04
Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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
Carcinoma or Adenoma

TUMOR 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	---	---	---	---
HC TUMORS SAME ROUTE	0/149 (0%)			
HC TUMORS ALL ROUTES	1/1489 (0%)			

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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	1/46.72	0/46.41	1/44.07	0/44.97
POLY-3 PERCENT (g)	2.1%	0%	2.3%	0%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/31 (3%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	4/150 (3%)			
HC TUMORS ALL ROUTES	15/1495 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.466N	P=0.501N	P=0.747	P=0.508N
POLY 1.5	P=0.466N	P=0.500N	P=0.753	P=0.506N
POLY 6	P=0.465N	P=0.503N	P=0.741	P=0.508N
COCH-ARM / FISHERS	P=0.464N	P=0.500N	P=0.753N	P=0.505N
MAX-ISO-POLY-3	P=0.269N	P=0.160N	P=0.483	P=0.167N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatoblastoma				
TUMOR 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	---	---	---	---
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	4/1495 (0%)			
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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	30/50 (60%)	34/50 (68%)	37/50 (74%)	29/49 (59%)
POLY-3 RATE (b)	30/47.86	34/47.49	37/47.44	29/47.23
POLY-3 PERCENT (g)	62.7%	71.6%	78%	61.4%
TERMINAL (d)	23/37 (62%)	31/39 (80%)	25/31 (81%)	21/37 (57%)
FIRST INCIDENCE	649	590	467	499
HC TUMORS SAME ROUTE	74/150 (49%)			
HC TUMORS ALL ROUTES	395/1495 (26%)			
STATISTICAL TESTS				
POLY 3	P=0.295N	P=0.235	P=0.074	P=0.533N
POLY 1.5	P=0.316N	P=0.258	P=0.083	P=0.538N
POLY 6	P=0.256N	P=0.196	P=0.067	P=0.518N
COCH-ARM / FISHERS	P=0.338N	P=0.266	P=0.101	P=0.548N
MAX-ISO-POLY-3	P=0.256N	P=0.173	P=0.047*	P=0.447N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	23/50 (46%)	17/50 (34%)	15/50 (30%)	8/49 (16%)
POLY-3 RATE (b)	23/47.71	17/47.02	15/45.78	8/45.25
POLY-3 PERCENT (g)	48.2%	36.2%	32.8%	17.7%
TERMINAL (d)	18/37 (49%)	15/39 (39%)	9/31 (29%)	7/37 (19%)
FIRST INCIDENCE	619	609	467	655
HC TUMORS SAME ROUTE	21/150 (14%)			
HC TUMORS ALL ROUTES	138/1495 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.002N**	P=0.162N	P=0.093N	P<0.001N**
POLY 1.5	P=0.002N**	P=0.154N	P=0.083N	P<0.001N**
POLY 6	P=0.002N**	P=0.176N	P=0.104N	P<0.001N**
COCH-ARM / FISHERS	P=0.002N**	P=0.154N	P=0.074N	P<0.001N**
MAX-ISO-POLY-3	P=0.002N**	P=0.117N	P=0.066N	P<0.001N**
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	23/50 (46%)	17/50 (34%)	15/50 (30%)	8/49 (16%)
POLY-3 RATE (b)	23/47.71	17/47.02	15/45.78	8/45.25
POLY-3 PERCENT (g)	48.2%	36.2%	32.8%	17.7%
TERMINAL (d)	18/37 (49%)	15/39 (39%)	9/31 (29%)	7/37 (19%)
FIRST INCIDENCE	619	609	467	655
HC TUMORS SAME ROUTE	22/150 (15%)			
HC TUMORS ALL ROUTES	141/1495 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.002N**	P=0.162N	P=0.093N	P<0.001N**
POLY 1.5	P=0.002N**	P=0.154N	P=0.083N	P<0.001N**
POLY 6	P=0.002N**	P=0.176N	P=0.104N	P<0.001N**
COCH-ARM / FISHERS	P=0.002N**	P=0.154N	P=0.074N	P<0.001N**
MAX-ISO-POLY-3	P=0.002N**	P=0.117N	P=0.066N	P<0.001N**
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	38/50 (76%)	36/50 (72%)	40/50 (80%)	30/49 (61%)
POLY-3 RATE (b)	38/48.37	36/47.49	40/47.67	30/47.23
POLY-3 PERCENT (g)	78.6%	75.8%	83.9%	63.5%
TERMINAL (d)	29/37 (78%)	33/39 (85%)	27/31 (87%)	22/37 (60%)
FIRST INCIDENCE	619	590	467	499
HC TUMORS SAME ROUTE	83/150 (55%)			
HC TUMORS ALL ROUTES	482/1495 (32%)			
STATISTICAL TESTS				
POLY 3	P=0.037N*	P=0.468N	P=0.338	P=0.077N
POLY 1.5	P=0.044N*	P=0.425N	P=0.366	P=0.078N
POLY 6	P=0.027N*	P=0.552N	P=0.315	P=0.076N
COCH-ARM / FISHERS	P=0.056N	P=0.410N	P=0.405	P=0.085N
MAX-ISO-POLY-3	P=0.050N*	P=0.370N	P=0.248	P=0.050N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	38/50 (76%)	36/50 (72%)	40/50 (80%)	30/49 (61%)
POLY-3 RATE (b)	38/48.37	36/47.49	40/47.67	30/47.23
POLY-3 PERCENT (g)	78.6%	75.8%	83.9%	63.5%
TERMINAL (d)	29/37 (78%)	33/39 (85%)	27/31 (87%)	22/37 (60%)
FIRST INCIDENCE	619	590	467	499
HC TUMORS SAME ROUTE	83/150 (55%)			
HC TUMORS ALL ROUTES	483/1495 (32%)			
STATISTICAL TESTS				
POLY 3	P=0.037N*	P=0.468N	P=0.338	P=0.077N
POLY 1.5	P=0.044N*	P=0.425N	P=0.366	P=0.078N
POLY 6	P=0.027N*	P=0.552N	P=0.315	P=0.076N
COCH-ARM / FISHERS	P=0.056N	P=0.410N	P=0.405	P=0.085N
MAX-ISO-POLY-3	P=0.050N*	P=0.370N	P=0.248	P=0.050N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/49 (6%)	4/50 (8%)
POLY-3 RATE (b)	1/46.72	1/46.41	3/43.07	4/46.07
POLY-3 PERCENT (g)	2.1%	2.2%	7%	8.7%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	3/30 (10%)	3/37 (8%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	653
HC TUMORS SAME ROUTE	7/150 (5%)			
HC TUMORS ALL ROUTES	73/1496 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.087	P=0.759	P=0.277	P=0.175
POLY 1.5	P=0.088	P=0.760	P=0.286	P=0.177
POLY 6	P=0.087	P=0.757	P=0.267	P=0.173
COCH-ARM / FISHERS	P=0.090	P=0.753N	P=0.301	P=0.181
MAX-ISO-POLY-3	P=0.117	P=0.497	P=0.143	P=0.082
HISTCONT SAME RTE	P=0.149	P=0.645	P=0.191	P=0.108
HISTCONT ALL RTEs	P=0.135	P=0.627	P=0.169	P=0.094

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	3/50 (6%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/47.10	3/46.95	1/43.07	2/45.79
POLY-3 PERCENT (g)	6.4%	6.4%	2.3%	4.4%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	1/30 (3%)	2/37 (5%)
FIRST INCIDENCE	619	590	729 (T)	729 (T)
HC TUMORS SAME ROUTE	7/150 (5%)			
HC TUMORS ALL ROUTES	59/1496 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.422N	P=0.661	P=0.338N	P=0.513N
POLY 1.5	P=0.418N	P=0.661N	P=0.327N	P=0.507N
POLY 6	P=0.425N	P=0.658	P=0.351N	P=0.519N
COCH-ARM / FISHERS	P=0.413N	P=0.661N	P=0.316N	P=0.500N
MAX-ISO-POLY-3	P=0.412N	P=0.498	P=0.186N	P=0.337N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	4/50 (8%)	4/49 (8%)	6/50 (12%)
POLY-3 RATE (b)	4/47.10	4/46.95	4/43.07	6/46.07
POLY-3 PERCENT (g)	8.5%	8.5%	9.3%	13%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	4/30 (13%)	5/37 (14%)
FIRST INCIDENCE	619	590	729 (T)	653
HC TUMORS SAME ROUTE	14/150 (9%)			
HC TUMORS ALL ROUTES	128/1496 (9%)			
STATISTICAL TESTS				
POLY 3	P=0.264	P=0.641	P=0.593	P=0.356
POLY 1.5	P=0.268	P=0.642N	P=0.610	P=0.362
POLY 6	P=0.261	P=0.638	P=0.574	P=0.350
COCH-ARM / FISHERS	P=0.275	P=0.643N	P=0.631	P=0.370
MAX-ISO-POLY-3	P=0.379	P=0.497	P=0.448	P=0.244
HISTCONT SAME RTE	P=0.198	P=0.644	P=0.590	P=0.235
HISTCONT ALL RTEs	P=0.441	P=0.627	P=0.568	P=0.299

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Mammary Gland Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.72	1/46.41	0/44.07	0/45.79
POLY-3 PERCENT (g)	4.3%	2.2%	0%	0%
TERMINAL (d)	2/37 (5%)	1/39 (3%)	0/31 (0%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	26/1498 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.169N	P=0.502N	P=0.250N	P=0.242N
POLY 1.5	P=0.169N	P=0.500N	P=0.245N	P=0.240N
POLY 6	P=0.168N	P=0.506N	P=0.257N	P=0.243N
COCH-ARM / FISHERS	P=0.169N	P=0.500N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.085N	P=0.283N	P=0.089N	P=0.080N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Ovary				
Cystadenoma				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	3/48 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/46.66	0/46.41	3/42.66	1/45.79
POLY-3 PERCENT (g)	2.1%	0%	7%	2.2%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	2/31 (7%)	1/37 (3%)
FIRST INCIDENCE	729 (T)	---	688	729 (T)
HC TUMORS SAME ROUTE	6/149 (4%)			
HC TUMORS ALL ROUTES	70/1468 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.554	P=0.501N	P=0.274	P=0.756
POLY 1.5	P=0.559	P=0.499N	P=0.282	P=0.759
POLY 6	P=0.553	P=0.503N	P=0.267	P=0.755
COCH-ARM / FISHERS	P=0.569	P=0.495N	P=0.301	P=0.747N
MAX-ISO-POLY-3	P=0.255	P=0.161N	P=0.142	P=0.494
HISTCONT SAME RTE	P=0.323	(e)	P=0.190	P=0.641
HISTCONT ALL RTEs	P=0.296	(e)	P=0.168	P=0.623

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	5/47 (11%)	5/49 (10%)	4/50 (8%)	3/46 (7%)
POLY-3 RATE (b)	5/44.45	5/45.74	4/44.19	3/42.26
POLY-3 PERCENT (g)	11.3%	10.9%	9.1%	7.1%
TERMINAL (d)	4/36 (11%)	4/38 (11%)	3/31 (10%)	2/34 (6%)
FIRST INCIDENCE	698	639	697	653
HC TUMORS SAME ROUTE	13/147 (9%)			
HC TUMORS ALL ROUTES	98/1466 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.308N	P=0.612N	P=0.504N	P=0.384N
POLY 1.5	P=0.304N	P=0.606N	P=0.485N	P=0.377N
POLY 6	P=0.311N	P=0.622N	P=0.525N	P=0.391N
COCH-ARM / FISHERS	P=0.295N	P=0.603N	P=0.460N	P=0.369N
MAX-ISO-POLY-3	P=0.420N	P=0.480N	P=0.368N	P=0.258N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Carcinoma				
TUMOR RATES				
OVERALL (a)	0/47 (0%)	0/49 (0%)	2/50 (4%)	1/46 (2%)
POLY-3 RATE (b)	0/44.33	0/45.41	2/44.97	1/42.57
POLY-3 PERCENT (g)	0%	0%	4.5%	2.4%
TERMINAL (d)	0/36 (0%)	0/38 (0%)	0/31 (0%)	0/34 (0%)
FIRST INCIDENCE	---	---	465	537
HC TUMORS SAME ROUTE	1/147 (1%)			
HC TUMORS ALL ROUTES	3/1466 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.335	(e)	P=0.240	P=0.492
POLY 1.5	P=0.337	(e)	P=0.245	P=0.494
POLY 6	P=0.335	(e)	P=0.235	P=0.490
COCH-ARM / FISHERS	P=0.341	(e)	P=0.263	P=0.495
MAX-ISO-POLY-3	P=0.178	(e)	P=0.079	P=0.157
HISTCONT SAME RTE	P=0.225	(e)	P=0.103	P=0.210
HISTCONT ALL RTEs	P=0.018*	(e)	P<0.001**	P=0.027*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 or Unspecified Site Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	5/47 (11%)	5/49 (10%)	6/50 (12%)	4/46 (9%)
POLY-3 RATE (b)	5/44.45	5/45.74	6/45.09	4/42.86
POLY-3 PERCENT (g)	11.3%	10.9%	13.3%	9.3%
TERMINAL (d)	4/36 (11%)	4/38 (11%)	3/31 (10%)	2/34 (6%)
FIRST INCIDENCE	698	639	465	537
HC TUMORS SAME ROUTE	14/147 (10%)			
HC TUMORS ALL ROUTES	101/1466 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.456N	P=0.612N	P=0.510	P=0.523N
POLY 1.5	P=0.454N	P=0.606N	P=0.525	P=0.518N
POLY 6	P=0.455N	P=0.622N	P=0.493	P=0.527N
COCH-ARM / FISHERS	P=0.449N	P=0.603N	P=0.544	P=0.514N
MAX-ISO-POLY-3	P=0.565N	P=0.480N	P=0.383	P=0.385N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	1/46.84	2/46.69	4/44.41	2/45.79
POLY-3 PERCENT (g)	2.1%	4.3%	9%	4.4%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	2/31 (7%)	2/37 (5%)
FIRST INCIDENCE	697	653	681	729 (T)
HC TUMORS SAME ROUTE	1/150 (1%)			
HC TUMORS ALL ROUTES	31/1498 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.495	P=0.499	P=0.163	P=0.492
POLY 1.5	P=0.501	P=0.501	P=0.170	P=0.496
POLY 6	P=0.490	P=0.496	P=0.156	P=0.489
COCH-ARM / FISHERS	P=0.510	P=0.500	P=0.181	P=0.500
MAX-ISO-POLY-3	P=0.259	P=0.280	P=0.080	P=0.276
HISTCONT SAME RTE	P=0.172	P=0.097	P=0.067	P=0.098
HISTCONT ALL RTEs	P=0.253	P=0.349	P=0.060	P=0.344

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Skin				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/46.72	0/46.41	2/44.07	0/45.79
POLY-3 PERCENT (g)	4.3%	0%	4.5%	0%
TERMINAL (d)	2/37 (5%)	0/39 (0%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	14/1498 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.285N	P=0.239N	P=0.673	P=0.242N
POLY 1.5	P=0.284N	P=0.237N	P=0.682	P=0.240N
POLY 6	P=0.285N	P=0.241N	P=0.663	P=0.243N
COCH-ARM / FISHERS	P=0.281N	P=0.247N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.129N	P=0.077N	P=0.476	P=0.080N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Spleen				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	1/50 (2%)	3/48 (6%)	0/48 (0%)
POLY-3 RATE (b)	2/46.21	1/46.41	3/42.65	0/44.41
POLY-3 PERCENT (g)	4.3%	2.2%	7%	0%
TERMINAL (d)	1/37 (3%)	1/39 (3%)	2/31 (7%)	0/37 (0%)
FIRST INCIDENCE	649	729 (T)	714	---
HC TUMORS SAME ROUTE	6/149 (4%)			
HC TUMORS ALL ROUTES	28/1478 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.231N	P=0.498N	P=0.464	P=0.246N
POLY 1.5	P=0.230N	P=0.495N	P=0.475	P=0.244N
POLY 6	P=0.230N	P=0.504N	P=0.452	P=0.248N
COCH-ARM / FISHERS	P=0.228N	P=0.492N	P=0.490	P=0.253N
MAX-ISO-POLY-3	P=0.197N	P=0.280N	P=0.298	P=0.083N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/46.84	1/46.41	2/44.32	1/45.79
POLY-3 PERCENT (g)	2.1%	2.2%	4.5%	2.2%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	697	729 (T)	676	729 (T)
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	28/1498 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.645N	P=0.758	P=0.481	P=0.755
POLY 1.5	P=0.642N	P=0.760	P=0.489	P=0.758
POLY 6	P=0.647N	P=0.756	P=0.472	P=0.753
COCH-ARM / FISHERS	P=0.639N	P=0.753N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.573	P=0.496	P=0.270	P=0.493
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Stomach, Forestomach Squamous Cell Papilloma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/46.84	1/46.41	2/44.32	1/45.79
POLY-3 PERCENT (g)	2.1%	2.2%	4.5%	2.2%
TERMINAL (d)	0/37 (0%)	1/39 (3%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	697	729 (T)	676	729 (T)
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	26/1498 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.645N	P=0.758	P=0.481	P=0.755
POLY 1.5	P=0.642N	P=0.760	P=0.489	P=0.758
POLY 6	P=0.647N	P=0.756	P=0.472	P=0.753
COCH-ARM / FISHERS	P=0.639N	P=0.753N	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.573	P=0.496	P=0.270	P=0.493
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS 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 Carcinoma or Adenoma				
TUMOR RATES				
OVERALL (a)	1/49 (2%)	0/50 (0%)	2/49 (4%)	1/47 (2%)
POLY-3 RATE (b)	1/46.14	0/46.41	2/43.67	1/43.68
POLY-3 PERCENT (g)	2.2%	0%	4.6%	2.3%
TERMINAL (d)	1/37 (3%)	0/39 (0%)	1/31 (3%)	1/37 (3%)
FIRST INCIDENCE	729 (T)	---	624	729 (T)
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	32/1484 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.539	P=0.499N	P=0.481	P=0.748
POLY 1.5	P=0.539	P=0.497N	P=0.489	P=0.749
POLY 6	P=0.543	P=0.502N	P=0.473	P=0.748
COCH-ARM / FISHERS	P=0.542	P=0.495N	P=0.500	P=0.742
MAX-ISO-POLY-3	P=0.370	P=0.158N	P=0.270	P=0.484
HISTCONT SAME RTE	P=0.465	(e)	P=0.364	P=0.630
HISTCONT ALL RTEs	P=0.431	(e)	P=0.320	P=0.611

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/46.72	3/46.41	1/44.62	1/45.79
POLY-3 PERCENT (g)	2.1%	6.5%	2.2%	2.2%
TERMINAL (d)	1/37 (3%)	3/39 (8%)	0/31 (0%)	1/37 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	557	729 (T)
HC TUMORS SAME ROUTE	5/150 (3%)			
HC TUMORS ALL ROUTES	37/1498 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.435N	P=0.303	P=0.750	P=0.756
POLY 1.5	P=0.433N	P=0.305	P=0.755	P=0.758
POLY 6	P=0.437N	P=0.299	P=0.746	P=0.755
COCH-ARM / FISHERS	P=0.429N	P=0.309	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.460N	P=0.153	P=0.487	P=0.493
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Hemangioma				
TUMOR 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	---	---	---	---
HC TUMORS SAME ROUTE	3/150 (2%)			
HC TUMORS ALL ROUTES	20/1498 (1%)			
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)
HISTCONT SAME RTE	(e)	(e)	(e)	(e)
HISTCONT ALL RTEs	(e)	(e)	(e)	(e)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	2/50 (4%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	5/47.13	2/46.41	4/44.13	1/45.79
POLY-3 PERCENT (g)	10.6%	4.3%	9.1%	2.2%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	3/31 (10%)	1/37 (3%)
FIRST INCIDENCE	649	729 (T)	714	729 (T)
HC TUMORS SAME ROUTE	12/150 (8%)			
HC TUMORS ALL ROUTES	68/1498 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.139N	P=0.223N	P=0.541N	P=0.108N
POLY 1.5	P=0.137N	P=0.219N	P=0.524N	P=0.105N
POLY 6	P=0.139N	P=0.229N	P=0.562N	P=0.111N
COCH-ARM / FISHERS	P=0.134N	P=0.218N	P=0.500N	P=0.102N
MAX-ISO-POLY-3	P=0.082N	P=0.126N	P=0.404N	P=0.050N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	5/50 (10%)	2/50 (4%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	5/47.13	2/46.41	4/44.13	1/45.79
POLY-3 PERCENT (g)	10.6%	4.3%	9.1%	2.2%
TERMINAL (d)	3/37 (8%)	2/39 (5%)	3/31 (10%)	1/37 (3%)
FIRST INCIDENCE	649	729 (T)	714	729 (T)
HC TUMORS SAME ROUTE	15/150 (10%)			
HC TUMORS ALL ROUTES	88/1498 (6%)			
STATISTICAL TESTS				
POLY 3	P=0.139N	P=0.223N	P=0.541N	P=0.108N
POLY 1.5	P=0.137N	P=0.219N	P=0.524N	P=0.105N
POLY 6	P=0.139N	P=0.229N	P=0.562N	P=0.111N
COCH-ARM / FISHERS	P=0.134N	P=0.218N	P=0.500N	P=0.102N
MAX-ISO-POLY-3	P=0.082N	P=0.126N	P=0.404N	P=0.050N*
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	1/46.92	1/46.61	1/44.07	5/46.52
POLY-3 PERCENT (g)	2.1%	2.2%	2.3%	10.8%
TERMINAL (d)	0/37 (0%)	0/39 (0%)	1/31 (3%)	2/37 (5%)
FIRST INCIDENCE	675	678	729 (T)	653
HC TUMORS SAME ROUTE	7/150 (5%)			
HC TUMORS ALL ROUTES	43/1498 (3%)			
STATISTICAL TESTS				
POLY 3	P=0.018*	P=0.759	P=0.746	P=0.100
POLY 1.5	P=0.018*	P=0.760	P=0.752	P=0.101
POLY 6	P=0.019*	P=0.757	P=0.740	P=0.100
COCH-ARM / FISHERS	P=0.019*	P=0.753N	P=0.753N	P=0.102
MAX-ISO-POLY-3	P=0.029*	P=0.497	P=0.482	P=0.044*
HISTCONT SAME RTE	P=0.036*	P=0.645	P=0.628	P=0.055
HISTCONT ALL RTEs	P=0.019*	P=0.627	P=0.609	P=0.024*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	20/50 (40%)	24/50 (48%)	20/50 (40%)	25/50 (50%)
POLY-3 RATE (b)	20/47.94	24/47.80	20/46.53	25/46.95
POLY-3 PERCENT (g)	41.7%	50.2%	43%	53.2%
TERMINAL (d)	13/37 (35%)	21/39 (54%)	11/31 (36%)	21/37 (57%)
FIRST INCIDENCE	608	571	467	379
HC TUMORS SAME ROUTE	33/150 (22%)			
HC TUMORS ALL ROUTES	300/1498 (20%)			
STATISTICAL TESTS				
POLY 3	P=0.211	P=0.264	P=0.534	P=0.177
POLY 1.5	P=0.230	P=0.275	P=0.556	P=0.196
POLY 6	P=0.186	P=0.243	P=0.506	P=0.151
COCH-ARM / FISHERS	P=0.247	P=0.273	P=0.581N	P=0.211
MAX-ISO-POLY-3	P=0.212	P=0.202	P=0.450	P=0.131
HISTCONT SAME RTE	P=0.085	P=0.087	P=0.145	P=0.078
HISTCONT ALL RTEs	P=0.003**	P=0.037*	P=0.099	P=0.027*

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	33/50 (66%)	37/50 (74%)	42/50 (84%)	37/50 (74%)
POLY-3 RATE (b)	33/47.99	37/48.00	42/48.04	37/48.33
POLY-3 PERCENT (g)	68.8%	77.1%	87.4%	76.6%
TERMINAL (d)	25/37 (68%)	32/39 (82%)	28/31 (90%)	28/37 (76%)
FIRST INCIDENCE	649	590	467	499
HC TUMORS SAME ROUTE	101/150 (67%)			
HC TUMORS ALL ROUTES	757/1498 (51%)			
STATISTICAL TESTS				
POLY 3	P=0.357	P=0.241	P=0.020*	P=0.262
POLY 1.5	P=0.346	P=0.258	P=0.023*	P=0.261
POLY 6	P=0.388	P=0.212	P=0.019*	P=0.272
COCH-ARM / FISHERS	P=0.342	P=0.257	P=0.032*	P=0.257
MAX-ISO-POLY-3	P=0.088	P=0.175	P=0.011*	P=0.193
HISTCONT SAME RTE	P=0.112	P=0.234	P=0.012*	P=0.260
HISTCONT ALL RTEs	P=0.018*	P=0.109	P=0.011*	P=0.113

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/09/2009

Time Report Requested: 15:24:06

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

Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	42/50 (84%)	44/50 (88%)	39/50 (78%)	36/50 (72%)
POLY-3 RATE (b)	42/49.06	44/49.47	39/48.79	36/48.30
POLY-3 PERCENT (g)	85.6%	88.9%	79.9%	74.5%
TERMINAL (d)	30/37 (81%)	35/39 (90%)	23/31 (74%)	28/37 (76%)
FIRST INCIDENCE	608	571	465	379
HC TUMORS SAME ROUTE	88/150 (59%)			
HC TUMORS ALL ROUTES	716/1498 (48%)			
STATISTICAL TESTS				
POLY 3	P=0.044N*	P=0.423	P=0.317N	P=0.128N
POLY 1.5	P=0.037N*	P=0.430	P=0.301N	P=0.111N
POLY 6	P=0.061N	P=0.387	P=0.345N	P=0.165N
COCH-ARM / FISHERS	P=0.036N*	P=0.387	P=0.306N	P=0.114N
MAX-ISO-POLY-3	P=0.071N	P=0.309	P=0.229N	P=0.083N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Methyl trans-styryl ketone
 CAS Number: 1896-62-4

Date Report Requested: 10/09/2009
 Time Report Requested: 15:24:06
 First Dose M/F: 04/26/04 / 04/26/04
 Lab: SRI

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 MG/KG	10 MG/KG	30 MG/KG	90 MG/KG
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	48/50 (96%)	48/50 (96%)	48/50 (96%)	47/50 (94%)
POLY-3 RATE (b)	48/49.06	48/49.80	48/49.15	47/50.00
POLY-3 PERCENT (g)	97.8%	96.4%	97.7%	94%
TERMINAL (d)	36/37 (97%)	38/39 (97%)	30/31 (97%)	34/37 (92%)
FIRST INCIDENCE	608	571	465	379
HC TUMORS SAME ROUTE	137/150 (91%)			
HC TUMORS ALL ROUTES	1131/1498 (76%)			
STATISTICAL TESTS				
POLY 3	P=0.239N	P=0.570N	P=0.740N	P=0.324N
POLY 1.5	P=0.274N	P=0.588N	P=0.719N	P=0.358N
POLY 6	P=0.215N	P=0.598N	P=0.756N	P=0.314N
COCH-ARM / FISHERS	P=0.394N	P=0.691N	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.241N	P=0.330N	P=0.475N	P=0.170N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)

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

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

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

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.
- (h) Value of Historical Controls statistic is only calculated when Poly-3 trend is positive and when there is more than one tumor in the treatment groups.
- (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 ***