

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

F1_Rev.1_M3

C Number: C99023

Lock Date: 12/22/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include 001 0 G/KG

Include 002 0 G/KG

Include 003 0.25 G/KG

Include 004 0.25 G/KG

Include 005 0.5 G/KG

Include 006 0.5 G/KG

TDMSE Version: 2.0.0

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF beta-Myrcene

MALE MICE

Organ

Adrenal Cortex: Zona Fasciculata
Esophagus: Muscularis
Heart: Coronary Artery
Islets, Pancreatic
Kidney
Kidney: Renal Tubule

Liver

Liver: Hepatocyte
Liver: Oval Cell
Lung: Alveolus
Lymph Node, Mandibular

Nose
Nose: Glands
Nose: Olfactory Epithelium
Prostate
Spleen
Thymus
Thyroid Gland: Follicular Cell

FEMALE MICE

Organ

Adrenal Cortex
Bone Marrow

Heart
Intestine Small, Jejunum: Peyer's Patch
Liver

Morphology

Hyperplasia
Degeneration
Inflammation
Hyperplasia
Accumulation, Hyaline Droplet
Necrosis
Vacuolization Cytoplasmic
Fatty Change
Mixed Cell Focus
Hypertrophy
Hyperplasia
Infiltration Cellular Histiocyte
Atrophy
Hyperplasia Lymphoid
Polyp, Inflammatory
Dilatation
Metaplasia Respiratory
Inflammation
Hematopoietic Cell Proliferation
Atrophy
Hyperplasia

Morphology

Hypertrophy
Atrophy
Myelofibrosis
Cardiomyopathy
Hyperplasia Lymphoid
Fatty Change
Hematopoietic Cell Proliferation

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF beta-Myrcene

Liver: Hepatocyte	Infiltration Cellular Lymphocyte
Lung: Alveolus	Inflammation Chronic
Lymph Node, Mandibular	Mixed Cell Focus
Mesentery: Fat	Tension Lipidosis
Ovary	Hypertrophy
Pituitary Gland: Pars Distalis	Infiltration Cellular Histiocyte
Spleen	Atrophy
	Necrosis
	Atrophy
	Hyperplasia
	Hematopoietic Cell Proliferation
	Pigmentation Hemosiderin
Spleen: Lymphoid Follicle	Atrophy
Stomach, Forestomach	Inflammation
	Necrosis
Stomach, Forestomach: Epithelium	Hyperplasia
Uterus: Endometrium	Hyperplasia

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Adrenal Cortex
Hypertrophy**

LESION RATES

OVERALL (a)	7/50 (14%)	4/50 (8%)	10/50 (20%)
POLY-3 RATE (b)	7/43.87	4/43.93	10/45.17
POLY-3 PERCENT (g)	16%	9.1%	22.1%
TERMINAL (d)	7/34 (21%)	4/35 (11%)	5/31 (16%)
FIRST INCIDENCE	728 (T)	728 (T)	450

STATISTICAL TESTS

POLY 3	P=0.247	P=0.259N	P=0.318
POLY 1.5	P=0.242	P=0.261N	P=0.309
POLY 6	P=0.255	P=0.253N	P=0.331
COCH-ARM / FISHERS	P=0.236	P=0.262N	P=0.298
MAX-ISO-POLY-3	P=0.149	P=0.167N	P=0.233

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Adrenal Cortex: Subcapsular
Hyperplasia**

LESION RATES

OVERALL (a)	46/50 (92%)	47/50 (94%)	46/50 (92%)
POLY-3 RATE (b)	46/49.01	47/49.72	46/49.28
POLY-3 PERCENT (g)	93.9%	94.5%	93.3%
TERMINAL (d)	32/34 (94%)	33/35 (94%)	29/31 (94%)
FIRST INCIDENCE	468	436	450

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STATISTICAL TESTS

POLY 3	P=0.543N	P=0.618	P=0.628N
POLY 1.5	P=0.558N	P=0.567	P=0.636N
POLY 6	P=0.523N	P=0.675	P=0.615N
COCH-ARM / FISHERS	P=0.576	P=0.500	P=0.643N
MAX-ISO-POLY-3	P=0.577N	P=0.438	P=0.454N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Adrenal Cortex: Zona Fasciculata
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	0/43.87	1/43.93	3/43.48
POLY-3 PERCENT (g)	0%	2.3%	6.9%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	3/31 (10%)
FIRST INCIDENCE	---	728 (T)	728 (T)

STATISTICAL TESTS

POLY 3	P=0.059	P=0.500	P=0.117
POLY 1.5	P=0.059	P=0.500	P=0.118
POLY 6	P=0.058	P=0.502	P=0.116
COCH-ARM / FISHERS	P=0.060	P=0.500	P=0.121
MAX-ISO-POLY-3	P=0.040*	P=0.159	P=0.038*

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Adrenal Medulla
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.10	2/44.54	0/43.48
POLY-3 PERCENT (g)	2.3%	4.5%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	666	533	---

STATISTICAL TESTS

POLY 3	P=0.367N	P=0.503	P=0.503N
POLY 1.5	P=0.365N	P=0.501	P=0.502N
POLY 6	P=0.371N	P=0.507	P=0.504N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.204N	P=0.284	P=0.162N

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TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Blood Vessel
Mineralization**

LESION RATES

OVERALL (a)	0/0 (0%)	1/2 (50%)	0/1 (0%)
POLY-3 RATE (b)	0/0.00	1/1.72	0/1.00
POLY-3 PERCENT (g)	0%	58.3%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)
FIRST INCIDENCE	---	582	---

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STATISTICAL TESTS

POLY 3	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.667N	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)

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TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Bone Marrow
Atrophy

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/44.31	0/43.93	1/43.62
POLY-3 PERCENT (g)	2.3%	0%	2.3%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	599	---	691

STATISTICAL TESTS

POLY 3	P=0.667	P=0.502N	P=0.757
POLY 1.5	P=0.667	P=0.501N	P=0.758
POLY 6	P=0.667	P=0.501N	P=0.756
COCH-ARM / FISHERS	P=0.669	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.456	P=0.161N	P=0.495

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 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Bone Marrow
 Myelofibrosis**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/44.22	0/43.93	1/43.48
POLY-3 PERCENT (g)	2.3%	0%	2.3%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	629	---	728 (T)

STATISTICAL TESTS

POLY 3	P=0.667	P=0.501N	P=0.757
POLY 1.5	P=0.667	P=0.501N	P=0.758
POLY 6	P=0.667	P=0.501N	P=0.755
COCH-ARM / FISHERS	P=0.669	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.456	P=0.160N	P=0.494

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Bone Marrow: Myeloid Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	1/44.08	3/44.22	3/43.53
POLY-3 PERCENT (g)	2.3%	6.8%	6.9%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	2/31 (7%)
FIRST INCIDENCE	673	651	716

STATISTICAL TESTS

POLY 3	P=0.234	P=0.306	P=0.300
POLY 1.5	P=0.236	P=0.305	P=0.303
POLY 6	P=0.232	P=0.309	P=0.298
COCH-ARM / FISHERS	P=0.238	P=0.309	P=0.309
MAX-ISO-POLY-3	P=0.237	P=0.155	P=0.152

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Epididymis
 Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.87	0/43.93	2/43.48
POLY-3 PERCENT (g)	0%	0%	4.6%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	2/31 (7%)
FIRST INCIDENCE	---	---	728 (T)

STATISTICAL TESTS

POLY 3	P=0.094	(e)	P=0.235
POLY 1.5	P=0.094	(e)	P=0.236
POLY 6	P=0.094	(e)	P=0.234
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Esophagus
 Inflammation**

LESION RATES

OVERALL (a)	2/50 (4%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	2/43.87	6/44.34	3/44.10
POLY-3 PERCENT (g)	4.6%	13.5%	6.8%
TERMINAL (d)	2/34 (6%)	5/35 (14%)	1/31 (3%)
FIRST INCIDENCE	728 (T)	611	549

STATISTICAL TESTS

POLY 3	P=0.427	P=0.135	P=0.502
POLY 1.5	P=0.425	P=0.134	P=0.501
POLY 6	P=0.431	P=0.139	P=0.505
COCH-ARM / FISHERS	P=0.424	P=0.134	P=0.500
MAX-ISO-POLY-3	P=0.238	P=0.071	P=0.326

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Esophagus
Necrosis**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	0/43.93	0/43.48
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Esophagus: Muscularis
 Degeneration**

LESION RATES

OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	3/43.93	0/43.48
POLY-3 PERCENT (g)	0%	6.8%	0%
TERMINAL (d)	0/34 (0%)	3/35 (9%)	0/31 (0%)
FIRST INCIDENCE	---	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.637	P=0.119	(e)
POLY 1.5	P=0.638	P=0.118	(e)
POLY 6	P=0.636	P=0.120	(e)
COCH-ARM / FISHERS	P=0.640	P=0.121	(e)
MAX-ISO-POLY-3	P=0.194	P=0.038*	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Cornea
 Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	2/44.60	0/43.48
POLY-3 PERCENT (g)	0%	4.5%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	---	503	---

STATISTICAL TESTS

POLY 3	P=0.666	P=0.241	(e)
POLY 1.5	P=0.667	P=0.239	(e)
POLY 6	P=0.665	P=0.244	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.269	P=0.079	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Cornea
 Inflammation

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	2/45.27	0/43.48
POLY-3 PERCENT (g)	0%	4.4%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	503	---

STATISTICAL TESTS

POLY 3	P=0.666	P=0.244	(e)
POLY 1.5	P=0.667	P=0.241	(e)
POLY 6	P=0.665	P=0.249	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.272	P=0.082	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Lens
 Cataract

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	2/43.93	0/43.48
POLY-3 PERCENT (g)	0%	4.6%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/31 (0%)
FIRST INCIDENCE	---	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.666	P=0.237	(e)
POLY 1.5	P=0.667	P=0.237	(e)
POLY 6	P=0.665	P=0.239	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.267	P=0.076	(e)

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Retina
 Degeneration

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	2/43.93	0/43.48
POLY-3 PERCENT (g)	0%	4.6%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/31 (0%)
FIRST INCIDENCE	---	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.666	P=0.237	(e)
POLY 1.5	P=0.667	P=0.237	(e)
POLY 6	P=0.665	P=0.239	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.267	P=0.076	(e)

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Harderian Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/43.87	3/44.23	2/43.65
POLY-3 PERCENT (g)	2.3%	6.8%	4.6%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	1/31 (3%)
FIRST INCIDENCE	728 (T)	673	685

STATISTICAL TESTS

POLY 3	P=0.397	P=0.308	P=0.498
POLY 1.5	P=0.398	P=0.306	P=0.499
POLY 6	P=0.397	P=0.313	P=0.498
COCH-ARM / FISHERS	P=0.399	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.312	P=0.157	P=0.279

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart
 Cardiomyopathy**

LESION RATES

OVERALL (a)	15/50 (30%)	12/50 (24%)	13/50 (26%)
POLY-3 RATE (b)	15/46.67	12/44.36	13/44.58
POLY-3 PERCENT (g)	32.1%	27.1%	29.2%
TERMINAL (d)	7/34 (21%)	10/35 (29%)	8/31 (26%)
FIRST INCIDENCE	546	635	586

STATISTICAL TESTS

POLY 3	P=0.418N	P=0.381N	P=0.467N
POLY 1.5	P=0.396N	P=0.359N	P=0.444N
POLY 6	P=0.447N	P=0.410N	P=0.498N
COCH-ARM / FISHERS	P=0.367N	P=0.326N	P=0.412N
MAX-ISO-POLY-3	P=0.467N	P=0.302N	P=0.380N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart
 Inflammation**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/43.87	1/44.22	0/43.48
POLY-3 PERCENT (g)	4.6%	2.3%	0%
TERMINAL (d)	2/34 (6%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	728 (T)	651	---

STATISTICAL TESTS

POLY 3	P=0.144N	P=0.497N	P=0.239N
POLY 1.5	P=0.144N	P=0.499N	P=0.238N
POLY 6	P=0.144N	P=0.493N	P=0.239N
COCH-ARM / FISHERS	P=0.142N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.107N	P=0.279N	P=0.078N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	2/44.69	1/44.27	4/44.15
POLY-3 PERCENT (g)	4.5%	2.3%	9.1%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	599	635	637

STATISTICAL TESTS

POLY 3	P=0.235	P=0.503N	P=0.331
POLY 1.5	P=0.237	P=0.503N	P=0.334
POLY 6	P=0.234	P=0.503N	P=0.329
COCH-ARM / FISHERS	P=0.238	P=0.500N	P=0.339
MAX-ISO-POLY-3	P=0.160	P=0.284N	P=0.197

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Heart: Atrium
Thrombosis

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/44.31	0/43.93	2/43.59
POLY-3 PERCENT (g)	2.3%	0%	4.6%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	599	---	708

STATISTICAL TESTS

POLY 3	P=0.360	P=0.502N	P=0.494
POLY 1.5	P=0.360	P=0.501N	P=0.496
POLY 6	P=0.359	P=0.501N	P=0.492
COCH-ARM / FISHERS	P=0.360	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.196	P=0.161N	P=0.277

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart: Coronary Artery
 Inflammation**

LESION RATES

OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/43.87	0/43.93	0/43.48
POLY-3 PERCENT (g)	6.8%	0%	0%
TERMINAL (d)	3/34 (9%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	728 (T)	---	---

STATISTICAL TESTS

POLY 3	P=0.036N*	P=0.118N	P=0.120N
POLY 1.5	P=0.036N*	P=0.119N	P=0.120N
POLY 6	P=0.036N*	P=0.116N	P=0.120N
COCH-ARM / FISHERS	P=0.037N*	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.020N*	P=0.038N*	P=0.039N*

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Heart: Valve
Thrombosis

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	0/43.93	0/43.48
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Intestine Large, Cecum: Lymphoid Tissue
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	2/48 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/43.31	2/42.71	0/42.51
POLY-3 PERCENT (g)	0%	4.7%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/31 (0%)
FIRST INCIDENCE	---	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.662	P=0.234	(e)
POLY 1.5	P=0.665	P=0.233	(e)
POLY 6	P=0.659	P=0.236	(e)
COCH-ARM / FISHERS	P=0.668	P=0.242	(e)
MAX-ISO-POLY-3	P=0.267	P=0.075	(e)

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Intestine Small, Jejunum: Peyer's Patch
Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/49 (0%)	0/47 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/43.31	0/41.91	2/42.97
POLY-3 PERCENT (g)	0%	0%	4.7%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	---	---	660

.....
STATISTICAL TESTS

POLY 3	P=0.096	(e)	P=0.235
POLY 1.5	P=0.096	(e)	P=0.236
POLY 6	P=0.096	(e)	P=0.235
COCH-ARM / FISHERS	P=0.097	(e)	P=0.247
MAX-ISO-POLY-3	P=0.054	(e)	P=0.076

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Islets, Pancreatic
 Hyperplasia**

LESION RATES

OVERALL (a)	38/50 (76%)	36/50 (72%)	28/50 (56%)
POLY-3 RATE (b)	38/48.86	36/48.49	28/48.01
POLY-3 PERCENT (g)	77.8%	74.2%	58.3%
TERMINAL (d)	26/34 (77%)	25/35 (71%)	17/31 (55%)
FIRST INCIDENCE	468	436	450

STATISTICAL TESTS

POLY 3	P=0.021N*	P=0.431N	P=0.029N*
POLY 1.5	P=0.020N*	P=0.422N	P=0.028N*
POLY 6	P=0.024N*	P=0.445N	P=0.032N*
COCH-ARM / FISHERS	P=0.021N*	P=0.410N	P=0.028N*
MAX-ISO-POLY-3	P=0.021N*	P=0.339N	P=0.018N*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Accumulation, Hyaline Droplet**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/43.87	0/43.93	3/44.02
POLY-3 PERCENT (g)	0%	0%	6.8%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	---	---	637

STATISTICAL TESTS

POLY 3	P=0.035*	(e)	P=0.119
POLY 1.5	P=0.035*	(e)	P=0.119
POLY 6	P=0.036*	(e)	P=0.120
COCH-ARM / FISHERS	P=0.037*	(e)	P=0.121
MAX-ISO-POLY-3	P=0.019*	(e)	P=0.038*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Infarct**

LESION RATES

OVERALL (a)	6/50 (12%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	6/44.18	6/43.93	7/43.92
POLY-3 PERCENT (g)	13.6%	13.7%	15.9%
TERMINAL (d)	4/34 (12%)	6/35 (17%)	5/31 (16%)
FIRST INCIDENCE	645	728 (T)	660

STATISTICAL TESTS

POLY 3	P=0.436	P=0.617	P=0.496
POLY 1.5	P=0.437	P=0.617	P=0.497
POLY 6	P=0.436	P=0.620	P=0.496
COCH-ARM / FISHERS	P=0.440	P=0.620N	P=0.500
MAX-ISO-POLY-3	P=0.517	P=0.495	P=0.377

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
Infiltration Cellular Lymphocyte**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	0/43.93	0/43.48
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---

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STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Mineralization**

LESION RATES

OVERALL (a)	31/50 (62%)	31/50 (62%)	29/50 (58%)
POLY-3 RATE (b)	31/48.49	31/47.28	29/45.38
POLY-3 PERCENT (g)	63.9%	65.6%	63.9%
TERMINAL (d)	21/34 (62%)	22/35 (63%)	21/31 (68%)
FIRST INCIDENCE	468	503	586

STATISTICAL TESTS

POLY 3	P=0.543	P=0.519	P=0.586N
POLY 1.5	P=0.479N	P=0.540	P=0.519N
POLY 6	P=0.476	P=0.506	P=0.522
COCH-ARM / FISHERS	P=0.379N	P=0.582N	P=0.419N
MAX-ISO-POLY-3	P=0.628N	P=0.432	P=0.498N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Nephropathy**

LESION RATES

OVERALL (a)	44/50 (88%)	44/50 (88%)	43/50 (86%)
POLY-3 RATE (b)	44/47.78	44/49.23	43/48.54
POLY-3 PERCENT (g)	92.1%	89.4%	88.6%
TERMINAL (d)	34/34 (100%)	31/35 (89%)	30/31 (97%)
FIRST INCIDENCE	468	436	525

STATISTICAL TESTS

POLY 3	P=0.333N	P=0.452N	P=0.396N
POLY 1.5	P=0.390N	P=0.537N	P=0.455N
POLY 6	P=0.239N	P=0.306N	P=0.284N
COCH-ARM / FISHERS	P=0.440N	P=0.620N	P=0.500N
MAX-ISO-POLY-3	P=0.376N	P=0.310N	P=0.261N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Kidney: Cortex
Cyst

LESION RATES

OVERALL (a)	6/50 (12%)	6/50 (12%)	4/50 (8%)
POLY-3 RATE (b)	6/44.13	6/44.60	4/43.48
POLY-3 PERCENT (g)	13.6%	13.5%	9.2%
TERMINAL (d)	5/34 (15%)	5/35 (14%)	4/31 (13%)
FIRST INCIDENCE	659	503	728 (T)

STATISTICAL TESTS

POLY 3	P=0.323N	P=0.614N	P=0.378N
POLY 1.5	P=0.320N	P=0.617N	P=0.375N
POLY 6	P=0.327N	P=0.608N	P=0.383N
COCH-ARM / FISHERS	P=0.314N	P=0.620N	P=0.370N
MAX-ISO-POLY-3	P=0.372N	P=0.491N	P=0.261N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Cortex
 Inflammation**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.08	2/44.43	0/43.48
POLY-3 PERCENT (g)	2.3%	4.5%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	673	651	---

STATISTICAL TESTS

POLY 3	P=0.367N	P=0.503	P=0.503N
POLY 1.5	P=0.365N	P=0.501	P=0.502N
POLY 6	P=0.371N	P=0.507	P=0.504N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.204N	P=0.283	P=0.162N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Cortex
Metaplasia Osseous**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/43.87	0/43.93	0/43.48
POLY-3 PERCENT (g)	2.3%	0%	0%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	728 (T)	---	---

STATISTICAL TESTS

POLY 3	P=0.272N	P=0.500N	P=0.502N
POLY 1.5	P=0.271N	P=0.500N	P=0.501N
POLY 6	P=0.272N	P=0.498N	P=0.502N
COCH-ARM / FISHERS	P=0.269N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.154N	P=0.158N	P=0.161N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Papilla
 Inflammation**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/44.08	2/44.43	0/43.48
POLY-3 PERCENT (g)	2.3%	4.5%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	673	651	---

STATISTICAL TESTS

POLY 3	P=0.367N	P=0.503	P=0.503N
POLY 1.5	P=0.365N	P=0.501	P=0.502N
POLY 6	P=0.371N	P=0.507	P=0.504N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.204N	P=0.283	P=0.162N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Papilla
 Necrosis**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/44.08	1/43.93	1/43.73
POLY-3 PERCENT (g)	2.3%	2.3%	2.3%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	673	728 (T)	660

STATISTICAL TESTS

POLY 3	P=0.637	P=0.760	P=0.759
POLY 1.5	P=0.637	P=0.760	P=0.759
POLY 6	P=0.637	P=0.761N	P=0.759
COCH-ARM / FISHERS	P=0.640	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.663	P=0.498	P=0.497

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Pelvis
 Inflammation**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/44.08	0/43.93	2/44.24
POLY-3 PERCENT (g)	2.3%	0%	4.5%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	673	---	450

STATISTICAL TESTS

POLY 3	P=0.361	P=0.501N	P=0.501
POLY 1.5	P=0.361	P=0.501N	P=0.501
POLY 6	P=0.361	P=0.500N	P=0.501
COCH-ARM / FISHERS	P=0.360	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.200	P=0.159N	P=0.282

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
Hyperplasia**

LESION RATES

OVERALL (a)	14/50 (28%)	16/50 (32%)	14/50 (28%)
POLY-3 RATE (b)	14/43.87	16/44.60	14/43.56
POLY-3 PERCENT (g)	31.9%	35.9%	32.1%
TERMINAL (d)	14/34 (41%)	15/35 (43%)	13/31 (42%)
FIRST INCIDENCE	728 (T)	503	708

STATISTICAL TESTS

POLY 3	P=0.536	P=0.432	P=0.582
POLY 1.5	P=0.538	P=0.422	P=0.584
POLY 6	P=0.535	P=0.451	P=0.583
COCH-ARM / FISHERS	P=0.544	P=0.414	P=0.588N
MAX-ISO-POLY-3	P=0.566	P=0.346	P=0.490

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
 Necrosis**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/43.87	0/43.93	3/43.78
POLY-3 PERCENT (g)	0%	0%	6.9%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	679

STATISTICAL TESTS

POLY 3	P=0.035*	(e)	P=0.118
POLY 1.5	P=0.035*	(e)	P=0.118
POLY 6	P=0.035*	(e)	P=0.118
COCH-ARM / FISHERS	P=0.037*	(e)	P=0.121
MAX-ISO-POLY-3	P=0.019*	(e)	P=0.038*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
 Pigmentation Hemosiderin**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/43.87	2/44.55	1/43.56
POLY-3 PERCENT (g)	2.3%	4.5%	2.3%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	728 (T)	635	708

STATISTICAL TESTS

POLY 3	P=0.619	P=0.505	P=0.759
POLY 1.5	P=0.619	P=0.502	P=0.759
POLY 6	P=0.619	P=0.512	P=0.759
COCH-ARM / FISHERS	P=0.622	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.522	P=0.286	P=0.497

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	39/50 (78%)	41/50 (82%)	20/50 (40%)
POLY-3 RATE (b)	39/48.11	41/48.15	20/44.97
POLY-3 PERCENT (g)	81.1%	85.2%	44.5%
TERMINAL (d)	29/34 (85%)	31/35 (89%)	16/31 (52%)
FIRST INCIDENCE	468	436	549

STATISTICAL TESTS

POLY 3	P<0.001N**	P=0.391	P<0.001N**
POLY 1.5	P<0.001N**	P=0.395	P<0.001N**
POLY 6	P<0.001N**	P=0.387	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.402	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.287	P<0.001N**

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Angiectasis

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/43.87	1/43.93	2/43.48
POLY-3 PERCENT (g)	0%	2.3%	4.6%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	2/31 (7%)
FIRST INCIDENCE	---	728 (T)	728 (T)

STATISTICAL TESTS

POLY 3	P=0.141	P=0.500	P=0.235
POLY 1.5	P=0.142	P=0.500	P=0.236
POLY 6	P=0.141	P=0.502	P=0.234
COCH-ARM / FISHERS	P=0.142	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.104	P=0.159	P=0.076

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Basophilic Focus

LESION RATES

OVERALL (a)	3/50 (6%)	7/50 (14%)	6/50 (12%)
POLY-3 RATE (b)	3/44.28	7/44.72	6/44.69
POLY-3 PERCENT (g)	6.8%	15.7%	13.4%
TERMINAL (d)	2/34 (6%)	4/35 (11%)	1/31 (3%)
FIRST INCIDENCE	611	582	549

STATISTICAL TESTS

POLY 3	P=0.213	P=0.160	P=0.246
POLY 1.5	P=0.211	P=0.159	P=0.244
POLY 6	P=0.218	P=0.165	P=0.250
COCH-ARM / FISHERS	P=0.209	P=0.159	P=0.243
MAX-ISO-POLY-3	P=0.181	P=0.093	P=0.150

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Clear Cell Focus

LESION RATES

OVERALL (a)	15/50 (30%)	21/50 (42%)	21/50 (42%)
POLY-3 RATE (b)	15/43.87	21/44.60	21/44.44
POLY-3 PERCENT (g)	34.2%	47.1%	47.3%
TERMINAL (d)	15/34 (44%)	20/35 (57%)	19/31 (61%)
FIRST INCIDENCE	728 (T)	503	583

STATISTICAL TESTS

POLY 3	P=0.125	P=0.149	P=0.145
POLY 1.5	P=0.125	P=0.147	P=0.146
POLY 6	P=0.127	P=0.155	P=0.148
COCH-ARM / FISHERS	P=0.129	P=0.149	P=0.149
MAX-ISO-POLY-3	P=0.143	P=0.105	P=0.102

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Eosinophilic Focus

LESION RATES

OVERALL (a)	16/50 (32%)	23/50 (46%)	21/50 (42%)
POLY-3 RATE (b)	16/45.08	23/46.04	21/44.21
POLY-3 PERCENT (g)	35.5%	50%	47.5%
TERMINAL (d)	13/34 (38%)	16/35 (46%)	17/31 (55%)
FIRST INCIDENCE	560	582	637

STATISTICAL TESTS

POLY 3	P=0.145	P=0.114	P=0.170
POLY 1.5	P=0.157	P=0.109	P=0.183
POLY 6	P=0.133	P=0.130	P=0.157
COCH-ARM / FISHERS	P=0.179	P=0.109	P=0.204
MAX-ISO-POLY-3	P=0.141	P=0.080	P=0.123

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Fatty Change

LESION RATES

OVERALL (a)	25/50 (50%)	18/50 (36%)	16/50 (32%)
POLY-3 RATE (b)	25/46.14	18/47.15	16/46.49
POLY-3 PERCENT (g)	54.2%	38.2%	34.4%
TERMINAL (d)	20/34 (59%)	12/35 (34%)	9/31 (29%)
FIRST INCIDENCE	546	503	525

STATISTICAL TESTS

POLY 3	P=0.032N*	P=0.085N	P=0.040N*
POLY 1.5	P=0.035N*	P=0.097N	P=0.044N*
POLY 6	P=0.029N*	P=0.072N	P=0.035N*
COCH-ARM / FISHERS	P=0.041N*	P=0.113N	P=0.052N
MAX-ISO-POLY-3	P=0.033N*	P=0.059N	P=0.025N*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Liver
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	3/50 (6%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	3/45.12	2/44.48	2/43.53
POLY-3 PERCENT (g)	6.7%	4.5%	4.6%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	468	635	716

STATISTICAL TESTS

POLY 3	P=0.423N	P=0.507N	P=0.516N
POLY 1.5	P=0.416N	P=0.505N	P=0.510N
POLY 6	P=0.430N	P=0.506N	P=0.525N
COCH-ARM / FISHERS	P=0.406N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.459N	P=0.330N	P=0.341N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Infarct

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	2/43.93	0/43.48
POLY-3 PERCENT (g)	0%	4.6%	0%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/31 (0%)
FIRST INCIDENCE	---	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.666	P=0.237	(e)
POLY 1.5	P=0.667	P=0.237	(e)
POLY 6	P=0.665	P=0.239	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.267	P=0.076	(e)

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Infiltration Cellular Lymphocyte

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	0/43.93	0/43.48
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Inflammation Chronic

LESION RATES

OVERALL (a)	26/50 (52%)	24/50 (48%)	23/50 (46%)
POLY-3 RATE (b)	26/44.71	24/45.93	23/44.49
POLY-3 PERCENT (g)	58.2%	52.3%	51.7%
TERMINAL (d)	23/34 (68%)	18/35 (51%)	20/31 (65%)
FIRST INCIDENCE	607	503	549

STATISTICAL TESTS

POLY 3	P=0.303N	P=0.359N	P=0.340N
POLY 1.5	P=0.307N	P=0.391N	P=0.344N
POLY 6	P=0.296N	P=0.305N	P=0.332N
COCH-ARM / FISHERS	P=0.308N	P=0.421N	P=0.345N
MAX-ISO-POLY-3	P=0.372N	P=0.284N	P=0.264N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Mineralization

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.87	0/43.93	2/43.82
POLY-3 PERCENT (g)	0%	0%	4.6%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	660

STATISTICAL TESTS

POLY 3	P=0.094	(e)	P=0.237
POLY 1.5	P=0.094	(e)	P=0.237
POLY 6	P=0.094	(e)	P=0.237
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Mixed Cell Focus

LESION RATES

OVERALL (a)	13/50 (26%)	3/50 (6%)	6/50 (12%)
POLY-3 RATE (b)	13/44.70	3/43.93	6/44.43
POLY-3 PERCENT (g)	29.1%	6.8%	13.5%
TERMINAL (d)	11/34 (32%)	3/35 (9%)	4/31 (13%)
FIRST INCIDENCE	607	728 (T)	586

STATISTICAL TESTS

POLY 3	P=0.029N*	P=0.006N**	P=0.059N
POLY 1.5	P=0.030N*	P=0.006N**	P=0.060N
POLY 6	P=0.028N*	P=0.005N**	P=0.058N
COCH-ARM / FISHERS	P=0.033N*	P=0.006N**	P=0.062N
MAX-ISO-POLY-3	P=0.009N**	P=0.002N**	P=0.034N*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Necrosis

LESION RATES

OVERALL (a)	7/50 (14%)	10/50 (20%)	13/50 (26%)
POLY-3 RATE (b)	7/45.29	10/47.13	13/45.20
POLY-3 PERCENT (g)	15.5%	21.2%	28.8%
TERMINAL (d)	2/34 (6%)	2/35 (6%)	6/31 (19%)
FIRST INCIDENCE	599	436	549

STATISTICAL TESTS

POLY 3	P=0.081	P=0.328	P=0.100
POLY 1.5	P=0.082	P=0.314	P=0.101
POLY 6	P=0.080	P=0.349	P=0.098
COCH-ARM / FISHERS	P=0.085	P=0.298	P=0.105
MAX-ISO-POLY-3	P=0.085	P=0.243	P=0.062

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Pigmentation Hemosiderin

LESION RATES

OVERALL (a)	2/50 (4%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	2/44.22	4/43.93	0/43.48
POLY-3 PERCENT (g)	4.5%	9.1%	0%
TERMINAL (d)	1/34 (3%)	4/35 (11%)	0/31 (0%)
FIRST INCIDENCE	629	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.229N	P=0.334	P=0.241N
POLY 1.5	P=0.225N	P=0.335	P=0.239N
POLY 6	P=0.233N	P=0.334	P=0.243N
COCH-ARM / FISHERS	P=0.222N	P=0.339	P=0.247N
MAX-ISO-POLY-3	P=0.086N	P=0.198	P=0.079N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Tension Lipidosis

LESION RATES

OVERALL (a)	3/50 (6%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	3/44.60	5/45.88	4/44.17
POLY-3 PERCENT (g)	6.7%	10.9%	9.1%
TERMINAL (d)	2/34 (6%)	2/35 (6%)	2/31 (7%)
FIRST INCIDENCE	468	436	586

STATISTICAL TESTS

POLY 3	P=0.421	P=0.372	P=0.495
POLY 1.5	P=0.422	P=0.365	P=0.496
POLY 6	P=0.422	P=0.383	P=0.496
COCH-ARM / FISHERS	P=0.427	P=0.357	P=0.500
MAX-ISO-POLY-3	P=0.412	P=0.247	P=0.343

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	3/50 (6%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	3/44.62	3/45.88	4/45.23
POLY-3 PERCENT (g)	6.7%	6.5%	8.8%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	599	436	525

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STATISTICAL TESTS

POLY 3	P=0.428	P=0.650N	P=0.507
POLY 1.5	P=0.425	P=0.655N	P=0.504
POLY 6	P=0.431	P=0.644N	P=0.511
COCH-ARM / FISHERS	P=0.421	P=0.661N	P=0.500
MAX-ISO-POLY-3	P=0.477	P=0.485N	P=0.355

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TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver: Hepatocyte
Hypertrophy

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	16/50 (32%)
POLY-3 RATE (b)	1/43.87	2/44.60	16/45.80
POLY-3 PERCENT (g)	2.3%	4.5%	34.9%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	10/31 (32%)
FIRST INCIDENCE	728 (T)	503	525

STATISTICAL TESTS

POLY 3	P<0.001**	P=0.506	P<0.001**
POLY 1.5	P<0.001**	P=0.503	P<0.001**
POLY 6	P<0.001**	P=0.511	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.287	P<0.001**

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver: Oval Cell
 Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/43.87	3/44.72	2/44.29
POLY-3 PERCENT (g)	0%	6.7%	4.5%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/31 (0%)
FIRST INCIDENCE	---	436	450

STATISTICAL TESTS

POLY 3	P=0.205	P=0.122	P=0.239
POLY 1.5	P=0.204	P=0.121	P=0.238
POLY 6	P=0.206	P=0.124	P=0.240
COCH-ARM / FISHERS	P=0.202	P=0.121	P=0.247
MAX-ISO-POLY-3	P=0.114	P=0.040*	P=0.078

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lung
 Inflammation Chronic**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/43.87	1/43.93	1/43.48
POLY-3 PERCENT (g)	4.6%	2.3%	2.3%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	1/31 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

POLY 3	P=0.382N	P=0.500N	P=0.503N
POLY 1.5	P=0.381N	P=0.500N	P=0.502N
POLY 6	P=0.383N	P=0.497N	P=0.504N
COCH-ARM / FISHERS	P=0.378N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.377N	P=0.280N	P=0.284N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lung: Alveolar Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	4/50 (8%)	8/50 (16%)	5/50 (10%)
POLY-3 RATE (b)	4/43.87	8/45.21	5/43.93
POLY-3 PERCENT (g)	9.1%	17.7%	11.4%
TERMINAL (d)	4/34 (12%)	6/35 (17%)	2/31 (7%)
FIRST INCIDENCE	728 (T)	503	667

STATISTICAL TESTS

POLY 3	P=0.438	P=0.190	P=0.501
POLY 1.5	P=0.436	P=0.184	P=0.500
POLY 6	P=0.444	P=0.200	P=0.505
COCH-ARM / FISHERS	P=0.437	P=0.178	P=0.500
MAX-ISO-POLY-3	P=0.310	P=0.121	P=0.363

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Lung: Alveolus
Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	4/50 (8%)	9/50 (18%)	1/50 (2%)
POLY-3 RATE (b)	4/44.75	9/44.75	1/43.48
POLY-3 PERCENT (g)	8.9%	20.1%	2.3%
TERMINAL (d)	2/34 (6%)	7/35 (20%)	1/31 (3%)
FIRST INCIDENCE	567	533	728 (T)

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STATISTICAL TESTS

POLY 3	P=0.209N	P=0.114	P=0.187N
POLY 1.5	P=0.201N	P=0.114	P=0.184N
POLY 6	P=0.220N	P=0.114	P=0.192N
COCH-ARM / FISHERS	P=0.195N	P=0.117	P=0.181N
MAX-ISO-POLY-3	P=0.039N*	P=0.065	P=0.092N

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TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Lung: Bronchiole
Hyperplasia

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/43.87	2/43.93	0/43.48
POLY-3 PERCENT (g)	2.3%	4.6%	0%
TERMINAL (d)	1/34 (3%)	2/35 (6%)	0/31 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---

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STATISTICAL TESTS

POLY 3	P=0.365N	P=0.500	P=0.502N
POLY 1.5	P=0.363N	P=0.500	P=0.501N
POLY 6	P=0.366N	P=0.503	P=0.502N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.201N	P=0.281	P=0.161N

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lung: Glands
 Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/43.87	2/43.93	1/43.73
POLY-3 PERCENT (g)	0%	4.6%	2.3%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	0/31 (0%)
FIRST INCIDENCE	---	728 (T)	660

STATISTICAL TESTS

POLY 3	P=0.360	P=0.237	P=0.499
POLY 1.5	P=0.360	P=0.237	P=0.499
POLY 6	P=0.360	P=0.239	P=0.500
COCH-ARM / FISHERS	P=0.360	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.198	P=0.076	P=0.158

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mandibular
 Atrophy**

LESION RATES

OVERALL (a)	3/49 (6%)	6/50 (12%)	9/48 (19%)
POLY-3 RATE (b)	3/44.35	6/45.26	9/43.88
POLY-3 PERCENT (g)	6.8%	13.3%	20.5%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	2/31 (7%)
FIRST INCIDENCE	599	582	531

STATISTICAL TESTS

POLY 3	P=0.040*	P=0.251	P=0.056
POLY 1.5	P=0.040*	P=0.251	P=0.055
POLY 6	P=0.041*	P=0.254	P=0.057
COCH-ARM / FISHERS	P=0.041*	P=0.254	P=0.056
MAX-ISO-POLY-3	P=0.037*	P=0.155	P=0.028*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mandibular
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/49 (0%)	3/50 (6%)	2/48 (4%)
POLY-3 RATE (b)	0/43.25	3/44.60	2/42.00
POLY-3 PERCENT (g)	0%	6.7%	4.8%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	1/31 (3%)
FIRST INCIDENCE	---	503	673

STATISTICAL TESTS

POLY 3	P=0.192	P=0.124	P=0.230
POLY 1.5	P=0.193	P=0.123	P=0.231
POLY 6	P=0.191	P=0.125	P=0.230
COCH-ARM / FISHERS	P=0.195	P=0.125	P=0.242
MAX-ISO-POLY-3	P=0.116	P=0.042*	P=0.074

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Lymph Node, Mandibular
Infiltration Cellular Plasma Cell

LESION RATES

OVERALL (a)	1/49 (2%)	3/50 (6%)	1/48 (2%)
POLY-3 RATE (b)	1/43.25	3/44.48	1/42.12
POLY-3 PERCENT (g)	2.3%	6.7%	2.4%
TERMINAL (d)	1/34 (3%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	728 (T)	635	637

STATISTICAL TESTS

POLY 3	P=0.600	P=0.315	P=0.755
POLY 1.5	P=0.601	P=0.313	P=0.755
POLY 6	P=0.601	P=0.320	P=0.755
COCH-ARM / FISHERS	P=0.603	P=0.316	P=0.747
MAX-ISO-POLY-3	P=0.406	P=0.163	P=0.492

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mesenteric
 Atrophy**

LESION RATES

OVERALL (a)	12/49 (24%)	12/50 (24%)	13/47 (28%)
POLY-3 RATE (b)	12/45.62	12/46.14	13/44.46
POLY-3 PERCENT (g)	26.3%	26%	29.2%
TERMINAL (d)	6/34 (18%)	5/35 (14%)	4/31 (13%)
FIRST INCIDENCE	560	533	450

STATISTICAL TESTS

POLY 3	P=0.424	P=0.581N	P=0.470
POLY 1.5	P=0.416	P=0.578N	P=0.462
POLY 6	P=0.434	P=0.580N	P=0.481
COCH-ARM / FISHERS	P=0.407	P=0.570N	P=0.452
MAX-ISO-POLY-3	P=0.509	P=0.486N	P=0.377

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mesenteric
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/49 (0%)	2/50 (4%)	1/47 (2%)
POLY-3 RATE (b)	0/43.31	2/43.93	1/41.23
POLY-3 PERCENT (g)	0%	4.6%	2.4%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	1/31 (3%)
FIRST INCIDENCE	---	728 (T)	728 (T)

STATISTICAL TESTS

POLY 3	P=0.346	P=0.240	P=0.490
POLY 1.5	P=0.347	P=0.240	P=0.491
POLY 6	P=0.346	P=0.241	P=0.490
COCH-ARM / FISHERS	P=0.349	P=0.253	P=0.490
MAX-ISO-POLY-3	P=0.203	P=0.078	P=0.156

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Mesentery: Fat
 Necrosis

LESION RATES

OVERALL (a)	4/4 (100%)	5/7 (71%)	4/5 (80%)
POLY-3 RATE (b)	4/4.00	5/6.38	4/4.24
POLY-3 PERCENT (g)	100%	78.4%	94.4%
TERMINAL (d)	2/2 (100%)	5/5 (100%)	4/4 (100%)
FIRST INCIDENCE	599	728 (T)	728 (T)

STATISTICAL TESTS

POLY 3	P=0.642N	P=0.473N	P=0.998N
POLY 1.5	P=0.530N	P=0.411N	P=0.851N
POLY 6	P=0.805N	P=0.637N	P=1.000N
COCH-ARM / FISHERS	P=0.394N	P=0.382N	P=0.556N
MAX-ISO-POLY-3	P=0.293N	P=0.146N	P=0.196N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Nose
 Inflammation**

LESION RATES

OVERALL (a)	3/50 (6%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	3/44.84	2/44.94	2/43.73
POLY-3 PERCENT (g)	6.7%	4.5%	4.6%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	560	503	660

STATISTICAL TESTS

POLY 3	P=0.418N	P=0.499N	P=0.511N
POLY 1.5	P=0.413N	P=0.500N	P=0.507N
POLY 6	P=0.422N	P=0.496N	P=0.517N
COCH-ARM / FISHERS	P=0.406N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.451N	P=0.323N	P=0.335N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Nose
Polyp, Inflammatory

LESION RATES

OVERALL (a)	6/50 (12%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	6/44.29	0/43.93	0/43.48
POLY-3 PERCENT (g)	13.6%	0%	0%
TERMINAL (d)	5/34 (15%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	607	---	---

STATISTICAL TESTS

POLY 3	P=0.002N**	P=0.015N*	P=0.016N*
POLY 1.5	P=0.002N**	P=0.016N*	P=0.016N*
POLY 6	P=0.002N**	P=0.015N*	P=0.016N*
COCH-ARM / FISHERS	P=0.003N**	P=0.013N*	P=0.013N*
MAX-ISO-POLY-3	P<0.001N**	P=0.005N**	P=0.005N**

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Nose: Glands
Dilatation

LESION RATES

OVERALL (a)	0/50 (0%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/43.87	3/43.93	1/43.48
POLY-3 PERCENT (g)	0%	6.8%	2.3%
TERMINAL (d)	0/34 (0%)	3/35 (9%)	1/31 (3%)
FIRST INCIDENCE	---	728 (T)	728 (T)

STATISTICAL TESTS

POLY 3	P=0.373	P=0.119	P=0.498
POLY 1.5	P=0.375	P=0.118	P=0.499
POLY 6	P=0.372	P=0.120	P=0.498
COCH-ARM / FISHERS	P=0.378	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.148	P=0.038*	P=0.158

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Nose: Olfactory Epithelium
 Degeneration**

LESION RATES

OVERALL (a)	5/50 (10%)	5/50 (10%)	7/50 (14%)
POLY-3 RATE (b)	5/44.45	5/44.14	7/44.55
POLY-3 PERCENT (g)	11.3%	11.3%	15.7%
TERMINAL (d)	4/34 (12%)	4/35 (11%)	4/31 (13%)
FIRST INCIDENCE	546	673	525

STATISTICAL TESTS

POLY 3	P=0.319	P=0.626	P=0.380
POLY 1.5	P=0.318	P=0.626	P=0.379
POLY 6	P=0.322	P=0.630	P=0.384
COCH-ARM / FISHERS	P=0.318	P=0.630N	P=0.380
MAX-ISO-POLY-3	P=0.369	P=0.495	P=0.270

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Nose: Olfactory Epithelium
Metaplasia Respiratory**

LESION RATES

OVERALL (a)	7/50 (14%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	7/45.07	2/44.27	1/43.73
POLY-3 PERCENT (g)	15.5%	4.5%	2.3%
TERMINAL (d)	4/34 (12%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	560	635	660

.....
STATISTICAL TESTS

POLY 3	P=0.013N*	P=0.082N	P=0.033N*
POLY 1.5	P=0.013N*	P=0.082N	P=0.032N*
POLY 6	P=0.014N*	P=0.083N	P=0.034N*
COCH-ARM / FISHERS	P=0.014N*	P=0.080N	P=0.030N*
MAX-ISO-POLY-3	P=0.011N*	P=0.042N*	P=0.014N*

.....

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Pancreas
 Atrophy**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.29	1/43.93	0/43.48
POLY-3 PERCENT (g)	2.3%	2.3%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	607	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.339N	P=0.759	P=0.504N
POLY 1.5	P=0.336N	P=0.759	P=0.502N
POLY 6	P=0.342N	P=0.759	P=0.506N
COCH-ARM / FISHERS	P=0.331N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.273N	P=0.497	P=0.163N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Pituitary Gland: Pars Distalis
 Hyperplasia**

LESION RATES

OVERALL (a)	1/49 (2%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/42.87	1/42.93	0/43.48
POLY-3 PERCENT (g)	2.3%	2.3%	0%
TERMINAL (d)	1/33 (3%)	1/34 (3%)	0/31 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	---

STATISTICAL TESTS

POLY 3	P=0.330N	P=0.760N	P=0.497N
POLY 1.5	P=0.330N	P=0.760	P=0.497N
POLY 6	P=0.331N	P=0.759N	P=0.497N
COCH-ARM / FISHERS	P=0.327N	P=0.753N	P=0.495N
MAX-ISO-POLY-3	P=0.267N	P=0.499N	P=0.157N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Preputial Gland
Ectasia**

LESION RATES

OVERALL (a)	4/50 (8%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	4/43.87	5/44.56	4/43.97
POLY-3 PERCENT (g)	9.1%	11.2%	9.1%
TERMINAL (d)	4/34 (12%)	3/35 (9%)	3/31 (10%)
FIRST INCIDENCE	728 (T)	634	583

STATISTICAL TESTS

POLY 3	P=0.569N	P=0.510	P=0.643N
POLY 1.5	P=0.570N	P=0.504	P=0.643N
POLY 6	P=0.567N	P=0.522	P=0.641N
COCH-ARM / FISHERS	P=0.571	P=0.500	P=0.643N
MAX-ISO-POLY-3	P=0.586N	P=0.372	P=0.498N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Preputial Gland
 Inflammation**

LESION RATES

OVERALL (a)	5/50 (10%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	5/44.41	3/43.93	2/43.81
POLY-3 PERCENT (g)	11.3%	6.8%	4.6%
TERMINAL (d)	4/34 (12%)	3/35 (9%)	1/31 (3%)
FIRST INCIDENCE	560	728 (T)	637

STATISTICAL TESTS

POLY 3	P=0.162N	P=0.362N	P=0.221N
POLY 1.5	P=0.161N	P=0.361N	P=0.220N
POLY 6	P=0.163N	P=0.361N	P=0.222N
COCH-ARM / FISHERS	P=0.158N	P=0.357N	P=0.218N
MAX-ISO-POLY-3	P=0.164N	P=0.237N	P=0.124N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Prostate
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	2/44.60	0/43.48
POLY-3 PERCENT (g)	0%	4.5%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	---	503	---

STATISTICAL TESTS

POLY 3	P=0.666	P=0.241	(e)
POLY 1.5	P=0.667	P=0.239	(e)
POLY 6	P=0.665	P=0.244	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.269	P=0.079	(e)

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Prostate
 Inflammation**

LESION RATES

OVERALL (a)	25/50 (50%)	15/50 (30%)	22/50 (44%)
POLY-3 RATE (b)	25/48.13	15/47.72	22/46.46
POLY-3 PERCENT (g)	52%	31.4%	47.4%
TERMINAL (d)	15/34 (44%)	6/35 (17%)	13/31 (42%)
FIRST INCIDENCE	468	503	549

STATISTICAL TESTS

POLY 3	P=0.347N	P=0.031N*	P=0.404N
POLY 1.5	P=0.331N	P=0.032N*	P=0.381N
POLY 6	P=0.364N	P=0.030N*	P=0.429N
COCH-ARM / FISHERS	P=0.306N	P=0.033N*	P=0.344N
MAX-ISO-POLY-3	P=0.148N	P=0.019N*	P=0.329N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Skin
 Inflammation**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/43.87	0/43.93	2/43.53
POLY-3 PERCENT (g)	2.3%	0%	4.6%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	727	---	716

STATISTICAL TESTS

POLY 3	P=0.360	P=0.500N	P=0.497
POLY 1.5	P=0.360	P=0.500N	P=0.498
POLY 6	P=0.360	P=0.498N	P=0.497
COCH-ARM / FISHERS	P=0.360	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.196	P=0.158N	P=0.279

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Skin
Ulcer

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/43.87	2/43.93	3/43.53
POLY-3 PERCENT (g)	2.3%	4.6%	6.9%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	2/31 (7%)
FIRST INCIDENCE	727	728 (T)	716

STATISTICAL TESTS

POLY 3	P=0.220	P=0.500	P=0.302
POLY 1.5	P=0.221	P=0.500	P=0.303
POLY 6	P=0.219	P=0.503	P=0.301
COCH-ARM / FISHERS	P=0.222	P=0.500	P=0.309
MAX-ISO-POLY-3	P=0.213	P=0.281	P=0.152

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	33/49 (67%)	43/50 (86%)	41/48 (85%)
POLY-3 RATE (b)	33/46.20	43/49.33	41/47.41
POLY-3 PERCENT (g)	71.4%	87.2%	86.5%
TERMINAL (d)	24/34 (71%)	29/35 (83%)	27/31 (87%)
FIRST INCIDENCE	468	436	450

STATISTICAL TESTS

POLY 3	P=0.037*	P=0.042*	P=0.054
POLY 1.5	P=0.026*	P=0.031*	P=0.042*
POLY 6	P=0.054	P=0.068	P=0.073
COCH-ARM / FISHERS	P=0.018*	P=0.024*	P=0.031*
MAX-ISO-POLY-3	P=0.032*	P=0.026*	P=0.033*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Spleen
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	1/49 (2%)	0/50 (0%)	1/48 (2%)
POLY-3 RATE (b)	1/43.31	0/43.93	1/41.65
POLY-3 PERCENT (g)	2.3%	0%	2.4%
TERMINAL (d)	1/34 (3%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	728 (T)	---	728 (T)

STATISTICAL TESTS

POLY 3	P=0.664	P=0.497N	P=0.752
POLY 1.5	P=0.664	P=0.497N	P=0.754
POLY 6	P=0.664	P=0.497N	P=0.751
COCH-ARM / FISHERS	P=0.665	P=0.495N	P=0.747
MAX-ISO-POLY-3	P=0.447	P=0.157N	P=0.488

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Spleen
 Pigmentation Hemosiderin**

LESION RATES

OVERALL (a)	1/49 (2%)	1/50 (2%)	0/48 (0%)
POLY-3 RATE (b)	1/43.67	1/44.27	0/41.65
POLY-3 PERCENT (g)	2.3%	2.3%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	629	634	---

STATISTICAL TESTS

POLY 3	P=0.345N	P=0.758N	P=0.509N
POLY 1.5	P=0.341N	P=0.757N	P=0.507N
POLY 6	P=0.350N	P=0.757N	P=0.512N
COCH-ARM / FISHERS	P=0.335N	P=0.747N	P=0.505N
MAX-ISO-POLY-3	P=0.281N	P=0.495N	P=0.169N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Spleen: Lymphoid Follicle
 Atrophy

LESION RATES

OVERALL (a)	7/49 (14%)	5/50 (10%)	10/48 (21%)
POLY-3 RATE (b)	7/45.17	5/45.29	10/44.13
POLY-3 PERCENT (g)	15.5%	11%	22.7%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	1/31 (3%)
FIRST INCIDENCE	567	582	549

STATISTICAL TESTS

POLY 3	P=0.222	P=0.377N	P=0.277
POLY 1.5	P=0.223	P=0.373N	P=0.278
POLY 6	P=0.223	P=0.380N	P=0.280
COCH-ARM / FISHERS	P=0.225	P=0.365N	P=0.281
MAX-ISO-POLY-3	P=0.159	P=0.268N	P=0.197

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Forestomach
 Inflammation**

LESION RATES

OVERALL (a)	10/50 (20%)	9/50 (18%)	13/49 (27%)
POLY-3 RATE (b)	10/47.20	9/45.98	13/43.96
POLY-3 PERCENT (g)	21.2%	19.6%	29.6%
TERMINAL (d)	2/34 (6%)	4/35 (11%)	9/31 (29%)
FIRST INCIDENCE	546	436	450

STATISTICAL TESTS

POLY 3	P=0.214	P=0.525N	P=0.248
POLY 1.5	P=0.231	P=0.514N	P=0.270
POLY 6	P=0.191	P=0.540N	P=0.219
COCH-ARM / FISHERS	P=0.253	P=0.500N	P=0.298
MAX-ISO-POLY-3	P=0.219	P=0.423N	P=0.185

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Forestomach
 Necrosis**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/49 (2%)
POLY-3 RATE (b)	1/44.45	1/44.29	1/42.62
POLY-3 PERCENT (g)	2.3%	2.3%	2.4%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	546	628	728 (T)

STATISTICAL TESTS

POLY 3	P=0.629	P=0.760	P=0.751
POLY 1.5	P=0.631	P=0.760	P=0.753
POLY 6	P=0.628	P=0.760N	P=0.750
COCH-ARM / FISHERS	P=0.634	P=0.753N	P=0.747
MAX-ISO-POLY-3	P=0.652	P=0.498	P=0.487

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Stomach, Forestomach
Ulcer

LESION RATES

OVERALL (a)	4/50 (8%)	4/50 (8%)	7/49 (14%)
POLY-3 RATE (b)	4/45.19	4/44.81	7/43.96
POLY-3 PERCENT (g)	8.9%	8.9%	15.9%
TERMINAL (d)	0/34 (0%)	2/35 (6%)	3/31 (10%)
FIRST INCIDENCE	607	436	450

STATISTICAL TESTS

POLY 3	P=0.188	P=0.639	P=0.244
POLY 1.5	P=0.191	P=0.641	P=0.247
POLY 6	P=0.185	P=0.635	P=0.239
COCH-ARM / FISHERS	P=0.193	P=0.643N	P=0.251
MAX-ISO-POLY-3	P=0.205	P=0.494	P=0.157

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Forestomach: Epithelium
Hyperplasia**

LESION RATES

OVERALL (a)	12/50 (24%)	17/50 (34%)	16/49 (33%)
POLY-3 RATE (b)	12/47.20	17/46.70	16/44.11
POLY-3 PERCENT (g)	25.4%	36.4%	36.3%
TERMINAL (d)	4/34 (12%)	9/35 (26%)	12/31 (39%)
FIRST INCIDENCE	546	436	450

STATISTICAL TESTS

POLY 3	P=0.155	P=0.176	P=0.184
POLY 1.5	P=0.175	P=0.181	P=0.205
POLY 6	P=0.129	P=0.172	P=0.156
COCH-ARM / FISHERS	P=0.203	P=0.189	P=0.232
MAX-ISO-POLY-3	P=0.193	P=0.126	P=0.136

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Glandular
 Hyperplasia**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/43.87	1/43.93	1/43.48
POLY-3 PERCENT (g)	4.6%	2.3%	2.3%
TERMINAL (d)	2/34 (6%)	1/35 (3%)	1/31 (3%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

POLY 3	P=0.382N	P=0.500N	P=0.503N
POLY 1.5	P=0.381N	P=0.500N	P=0.502N
POLY 6	P=0.383N	P=0.497N	P=0.504N
COCH-ARM / FISHERS	P=0.378N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.377N	P=0.280N	P=0.284N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Testes: Germinal Epithelium
Degeneration

LESION RATES

OVERALL (a)	5/50 (10%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	5/44.61	2/44.48	5/44.39
POLY-3 PERCENT (g)	11.2%	4.5%	11.3%
TERMINAL (d)	3/34 (9%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	468	635	637

.....
STATISTICAL TESTS

POLY 3	P=0.571	P=0.217N	P=0.628
POLY 1.5	P=0.571	P=0.218N	P=0.627
POLY 6	P=0.572N	P=0.211N	P=0.629N
COCH-ARM / FISHERS	P=0.573	P=0.218N	P=0.630N
MAX-ISO-POLY-3	P=0.399	P=0.120N	P=0.496

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Testes: Germinal Epithelium
 Mineralization

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/43.87	0/43.93	2/43.65
POLY-3 PERCENT (g)	0%	0%	4.6%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	1/31 (3%)
FIRST INCIDENCE	---	---	685

STATISTICAL TESTS

POLY 3	P=0.094	(e)	P=0.236
POLY 1.5	P=0.094	(e)	P=0.236
POLY 6	P=0.094	(e)	P=0.236
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thymus
 Atrophy**

LESION RATES

OVERALL (a)	45/47 (96%)	40/47 (85%)	44/48 (92%)
POLY-3 RATE (b)	45/46.77	40/45.91	44/48.00
POLY-3 PERCENT (g)	96.2%	87.1%	91.7%
TERMINAL (d)	33/34 (97%)	29/33 (88%)	25/29 (86%)
FIRST INCIDENCE	468	436	450

STATISTICAL TESTS

POLY 3	P=0.266N	P=0.102N	P=0.308N
POLY 1.5	P=0.285N	P=0.091N	P=0.326N
POLY 6	P=0.239N	P=0.115N	P=0.278N
COCH-ARM / FISHERS	P=0.308N	P=0.079N	P=0.349N
MAX-ISO-POLY-3	P=0.152N	P=0.049N*	P=0.177N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thyroid Gland
 Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	0/43.93	0/43.48
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thyroid Gland: Follicle
 Cyst**

LESION RATES

OVERALL (a)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/43.87	3/44.81	0/43.48
POLY-3 PERCENT (g)	2.3%	6.7%	0%
TERMINAL (d)	0/34 (0%)	1/35 (3%)	0/31 (0%)
FIRST INCIDENCE	727	436	---

STATISTICAL TESTS

POLY 3	P=0.383N	P=0.313	P=0.502N
POLY 1.5	P=0.381N	P=0.309	P=0.501N
POLY 6	P=0.385N	P=0.318	P=0.502N
COCH-ARM / FISHERS	P=0.378N	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.152N	P=0.162	P=0.161N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thyroid Gland: Follicular Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	0/43.87	4/44.14	0/43.48
POLY-3 PERCENT (g)	0%	9.1%	0%
TERMINAL (d)	0/34 (0%)	3/35 (9%)	0/31 (0%)
FIRST INCIDENCE	---	673	---

STATISTICAL TESTS

POLY 3	P=0.619	P=0.061	(e)
POLY 1.5	P=0.621	P=0.060	(e)
POLY 6	P=0.617	P=0.062	(e)
COCH-ARM / FISHERS	P=0.622	P=0.059	(e)
MAX-ISO-POLY-3	P=0.143	P=0.020*	(e)

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Tooth
 Dysplasia

LESION RATES

OVERALL (a)	38/38 (100%)	31/33 (94%)	35/35 (100%)
POLY-3 RATE (b)	38/38.00	31/31.81	35/35.00
POLY-3 PERCENT (g)	100%	97.5%	100%
TERMINAL (d)	28/28 (100%)	24/24 (100%)	24/24 (100%)
FIRST INCIDENCE	468	600	583

STATISTICAL TESTS

POLY 3	P=0.821N	P=0.577N	(e)
POLY 1.5	P=0.736N	P=0.354N	(e)
POLY 6	P=0.953N	P=0.945N	(e)
COCH-ARM / FISHERS	P=0.649N	P=0.212N	(e)
MAX-ISO-POLY-3	P=0.284N	P=0.092N	(e)

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

Tooth: Pulp
Inflammation

LESION RATES

OVERALL (a)	1/38 (3%)	3/33 (9%)	1/35 (3%)
POLY-3 RATE (b)	1/33.51	3/30.68	1/32.21
POLY-3 PERCENT (g)	3%	9.8%	3.1%
TERMINAL (d)	1/28 (4%)	1/24 (4%)	1/24 (4%)
FIRST INCIDENCE	728 (T)	611	728 (T)

STATISTICAL TESTS

POLY 3	P=0.603	P=0.272	P=0.752
POLY 1.5	P=0.594	P=0.264	P=0.748
POLY 6	P=0.611	P=0.282	P=0.755
COCH-ARM / FISHERS	P=0.578	P=0.255	P=0.732
MAX-ISO-POLY-3	P=0.377	P=0.133	P=0.488

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Males		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Urinary Bladder
 Infiltration Cellular Lymphocyte**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/43.87	0/43.93	0/42.51
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/34 (0%)	0/35 (0%)	0/31 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
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Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Adrenal Cortex
Hypertrophy

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/46.34	0/43.49	3/41.10
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	3/35 (9%)
FIRST INCIDENCE	---	---	727 (T)

STATISTICAL TESTS

POLY 3	P=0.034*	(e)	P=0.099
POLY 1.5	P=0.034*	(e)	P=0.105
POLY 6	P=0.033*	(e)	P=0.094
COCH-ARM / FISHERS	P=0.037*	(e)	P=0.121
MAX-ISO-POLY-3	P=0.019*	(e)	P=0.038*

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Adrenal Cortex: Subcapsular
Hyperplasia**

LESION RATES

OVERALL (a)	50/50 (100%)	50/50 (100%)	49/50 (98%)
POLY-3 RATE (b)	50/50.00	50/50.00	49/49.31
POLY-3 PERCENT (g)	100%	100%	99.4%
TERMINAL (d)	39/39 (100%)	34/34 (100%)	35/35 (100%)
FIRST INCIDENCE	485	139	296

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STATISTICAL TESTS

POLY 3	P=0.776N	(e)	P=0.986N
POLY 1.5	P=0.452N	(e)	P=0.785N
POLY 6	P=1.000N	(e)	P=1.000N
COCH-ARM / FISHERS	P=0.269N	(e)	P=0.500N
MAX-ISO-POLY-3	P=0.153N	(e)	P=0.161N

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Adrenal Cortex: Zona Fasciculata
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.34	2/43.49	0/41.10
POLY-3 PERCENT (g)	2.2%	4.6%	0%
TERMINAL (d)	1/39 (3%)	2/34 (6%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---

STATISTICAL TESTS

POLY 3	P=0.418N	P=0.478	P=0.524N
POLY 1.5	P=0.399N	P=0.484	P=0.516N
POLY 6	P=0.433N	P=0.473	P=0.530N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.228N	P=0.268	P=0.188N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Adrenal Medulla
Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.34	2/44.16	0/41.10
POLY-3 PERCENT (g)	2.2%	4.5%	0%
TERMINAL (d)	1/39 (3%)	1/34 (3%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	503	---

STATISTICAL TESTS

POLY 3	P=0.418N	P=0.483	P=0.524N
POLY 1.5	P=0.399N	P=0.487	P=0.516N
POLY 6	P=0.433N	P=0.480	P=0.530N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.231N	P=0.271	P=0.188N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Blood Vessel
 Mineralization**

LESION RATES

OVERALL (a)	1/2 (50%)	2/2 (100%)	0/2 (0%)
POLY-3 RATE (b)	1/2.00	2/2.00	0/1.68
POLY-3 PERCENT (g)	50%	100%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/1 (0%)
FIRST INCIDENCE	693	503	---

STATISTICAL TESTS

POLY 3	P=0.408N	P=0.500	P=0.534N
POLY 1.5	P=0.340N	P=0.500	P=0.518N
POLY 6	P=0.526N	P=0.500	P=0.560N
COCH-ARM / FISHERS	P=0.309N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.086N	P=0.159	P=0.201N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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 beta-Myrcene
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Bone Marrow
 Atrophy**

LESION RATES

OVERALL (a)	1/50 (2%)	0/49 (0%)	7/49 (14%)
POLY-3 RATE (b)	1/46.93	0/42.49	7/45.41
POLY-3 PERCENT (g)	2.1%	0%	15.4%
TERMINAL (d)	0/39 (0%)	0/33 (0%)	0/34 (0%)
FIRST INCIDENCE	540	---	296

STATISTICAL TESTS

POLY 3	P=0.005**	P=0.520N	P=0.027*
POLY 1.5	P=0.005**	P=0.515N	P=0.027*
POLY 6	P=0.005**	P=0.524N	P=0.026*
COCH-ARM / FISHERS	P=0.007**	P=0.505N	P=0.028*
MAX-ISO-POLY-3	P<0.001**	P=0.181N	P=0.011*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Bone Marrow
 Myelofibrosis**

LESION RATES

OVERALL (a)	16/50 (32%)	9/49 (18%)	4/49 (8%)
POLY-3 RATE (b)	16/47.32	9/42.49	4/40.10
POLY-3 PERCENT (g)	33.8%	21.2%	10%
TERMINAL (d)	13/39 (33%)	9/33 (27%)	4/34 (12%)
FIRST INCIDENCE	540	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.005N**	P=0.135N	P=0.007N**
POLY 1.5	P=0.003N**	P=0.119N	P=0.005N**
POLY 6	P=0.006N**	P=0.153N	P=0.010N**
COCH-ARM / FISHERS	P=0.002N**	P=0.091N	P=0.003N**
MAX-ISO-POLY-3	P=0.006N**	P=0.100N	P=0.006N**

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Bone Marrow: Myeloid Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	2/50 (4%)	1/49 (2%)	1/49 (2%)
POLY-3 RATE (b)	2/46.80	1/43.49	1/40.49
POLY-3 PERCENT (g)	4.3%	2.3%	2.5%
TERMINAL (d)	0/39 (0%)	0/33 (0%)	0/34 (0%)
FIRST INCIDENCE	622	139	615

STATISTICAL TESTS

POLY 3	P=0.428N	P=0.526N	P=0.550N
POLY 1.5	P=0.414N	P=0.518N	P=0.536N
POLY 6	P=0.439N	P=0.533N	P=0.561N
COCH-ARM / FISHERS	P=0.385N	P=0.508N	P=0.508N
MAX-ISO-POLY-3	P=0.439N	P=0.307N	P=0.334N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Esophagus
 Inflammation**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	2/46.34	1/44.49	4/43.92
POLY-3 PERCENT (g)	4.3%	2.3%	9.1%
TERMINAL (d)	2/39 (5%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	139	394

STATISTICAL TESTS

POLY 3	P=0.227	P=0.514N	P=0.313
POLY 1.5	P=0.230	P=0.509N	P=0.320
POLY 6	P=0.225	P=0.519N	P=0.310
COCH-ARM / FISHERS	P=0.238	P=0.500N	P=0.339
MAX-ISO-POLY-3	P=0.155	P=0.296N	P=0.188

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Esophagus
 Necrosis**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.34	0/43.49	2/42.35
POLY-3 PERCENT (g)	0%	0%	4.7%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	492

STATISTICAL TESTS

POLY 3	P=0.093	(e)	P=0.218
POLY 1.5	P=0.094	(e)	P=0.224
POLY 6	P=0.093	(e)	P=0.214
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Esophagus: Muscularis
 Degeneration**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/46.34	0/43.49	1/41.10
POLY-3 PERCENT (g)	2.2%	0%	2.4%
TERMINAL (d)	1/39 (3%)	0/34 (0%)	1/35 (3%)
FIRST INCIDENCE	727 (T)	---	727 (T)

STATISTICAL TESTS

POLY 3	P=0.664	P=0.513N	P=0.733
POLY 1.5	P=0.665	P=0.509N	P=0.742
POLY 6	P=0.663	P=0.516N	P=0.726
COCH-ARM / FISHERS	P=0.669	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.441	P=0.174N	P=0.467

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

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beta-Myrcene
CAS Number: 123-35-3

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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Cornea
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

.....
STATISTICAL TESTS

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

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Cornea
 Inflammation

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/46.43	1/43.95	1/41.10
POLY-3 PERCENT (g)	2.2%	2.3%	2.4%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	1/35 (3%)
FIRST INCIDENCE	706	594	727 (T)

STATISTICAL TESTS

POLY 3	P=0.614	P=0.748	P=0.733
POLY 1.5	P=0.622	P=0.751	P=0.742
POLY 6	P=0.608	P=0.746	P=0.725
COCH-ARM / FISHERS	P=0.640	P=0.753N	P=0.753N
MAX-ISO-POLY-3	P=0.628	P=0.484	P=0.466

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Lens
 Cataract

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/46.34	0/43.49	2/41.10
POLY-3 PERCENT (g)	0%	0%	4.9%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	2/35 (6%)
FIRST INCIDENCE	---	---	727 (T)

STATISTICAL TESTS

POLY 3	P=0.093	(e)	P=0.211
POLY 1.5	P=0.093	(e)	P=0.220
POLY 6	P=0.093	(e)	P=0.205
COCH-ARM / FISHERS	P=0.095	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	P=0.076

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Eye: Retina
Degeneration

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Harderian Gland
Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	1/46.34	2/43.49	1/41.10
POLY-3 PERCENT (g)	2.2%	4.6%	2.4%
TERMINAL (d)	1/39 (3%)	2/34 (6%)	1/35 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.580	P=0.478	P=0.733
POLY 1.5	P=0.594	P=0.484	P=0.742
POLY 6	P=0.570	P=0.473	P=0.726
COCH-ARM / FISHERS	P=0.622	P=0.500	P=0.753N
MAX-ISO-POLY-3	P=0.497	P=0.268	P=0.467

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart
 Cardiomyopathy**

LESION RATES

OVERALL (a)	7/50 (14%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	7/47.09	1/44.49	4/42.72
POLY-3 PERCENT (g)	14.9%	2.3%	9.4%
TERMINAL (d)	4/39 (10%)	0/34 (0%)	2/35 (6%)
FIRST INCIDENCE	540	139	296

STATISTICAL TESTS

POLY 3	P=0.203N	P=0.036N*	P=0.320N
POLY 1.5	P=0.193N	P=0.034N*	P=0.299N
POLY 6	P=0.212N	P=0.039N*	P=0.338N
COCH-ARM / FISHERS	P=0.178N	P=0.030N*	P=0.262N
MAX-ISO-POLY-3	P=0.098N	P=0.018N*	P=0.226N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart
 Inflammation**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.49	2/44.86	0/41.10
POLY-3 PERCENT (g)	2.2%	4.5%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	689	454	---

STATISTICAL TESTS

POLY 3	P=0.420N	P=0.488	P=0.525N
POLY 1.5	P=0.400N	P=0.490	P=0.516N
POLY 6	P=0.437N	P=0.485	P=0.531N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.234N	P=0.273	P=0.188N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart
 Mineralization**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/46.37	2/44.62	2/41.32
POLY-3 PERCENT (g)	2.2%	4.5%	4.8%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	1/35 (3%)
FIRST INCIDENCE	721	503	667

STATISTICAL TESTS

POLY 3	P=0.353	P=0.487	P=0.460
POLY 1.5	P=0.365	P=0.489	P=0.473
POLY 6	P=0.346	P=0.485	P=0.451
COCH-ARM / FISHERS	P=0.390	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.375	P=0.273	P=0.259

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Heart: Atrium
 Thrombosis

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.34	0/43.49	1/41.32
POLY-3 PERCENT (g)	0%	0%	2.4%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	667

STATISTICAL TESTS

POLY 3	P=0.274	(e)	P=0.477
POLY 1.5	P=0.273	(e)	P=0.485
POLY 6	P=0.275	(e)	P=0.472
COCH-ARM / FISHERS	P=0.269	(e)	P=0.500
MAX-ISO-POLY-3	P=0.151	(e)	P=0.158

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Heart: Coronary Artery
 Inflammation**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/46.34	0/43.49	1/41.10
POLY-3 PERCENT (g)	2.2%	0%	2.4%
TERMINAL (d)	1/39 (3%)	0/34 (0%)	1/35 (3%)
FIRST INCIDENCE	727 (T)	---	727 (T)

STATISTICAL TESTS

POLY 3	P=0.664	P=0.513N	P=0.733
POLY 1.5	P=0.665	P=0.509N	P=0.742
POLY 6	P=0.663	P=0.516N	P=0.726
COCH-ARM / FISHERS	P=0.669	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.441	P=0.174N	P=0.467

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Heart: Valve
Thrombosis

LESION RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/46.86	2/44.86	0/41.10
POLY-3 PERCENT (g)	4.3%	4.5%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	622	454	---

STATISTICAL TESTS

POLY 3	P=0.220N	P=0.678	P=0.268N
POLY 1.5	P=0.204N	P=0.682	P=0.257N
POLY 6	P=0.234N	P=0.674	P=0.277N
COCH-ARM / FISHERS	P=0.176N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.184N	P=0.482	P=0.105N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Intestine Large, Cecum: Lymphoid Tissue
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.58	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Intestine Small, Jejunum: Peyer's Patch
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/50 (0%)	0/48 (0%)	3/49 (6%)
POLY-3 RATE (b)	0/46.34	0/42.36	3/40.88
POLY-3 PERCENT (g)	0%	0%	7.3%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	3/35 (9%)
FIRST INCIDENCE	---	---	727 (T)

STATISTICAL TESTS

POLY 3	P=0.033*	(e)	P=0.098
POLY 1.5	P=0.034*	(e)	P=0.103
POLY 6	P=0.033*	(e)	P=0.094
COCH-ARM / FISHERS	P=0.037*	(e)	P=0.117
MAX-ISO-POLY-3	P=0.019*	(e)	P=0.037*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Islets, Pancreatic
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/42.95	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
Accumulation, Hyaline Droplet**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

.....
STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Infarct**

LESION RATES

OVERALL (a)	4/50 (8%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	4/46.49	4/43.57	3/42.25
POLY-3 PERCENT (g)	8.6%	9.2%	7.1%
TERMINAL (d)	3/39 (8%)	3/34 (9%)	0/35 (0%)
FIRST INCIDENCE	689	709	471

STATISTICAL TESTS

POLY 3	P=0.484N	P=0.607	P=0.552N
POLY 1.5	P=0.465N	P=0.617	P=0.536N
POLY 6	P=0.495N	P=0.598	P=0.561N
COCH-ARM / FISHERS	P=0.424N	P=0.643N	P=0.500N
MAX-ISO-POLY-3	P=0.528N	P=0.462	P=0.400N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Infiltration Cellular Lymphocyte**

LESION RATES

OVERALL (a)	1/50 (2%)	3/50 (6%)	4/50 (8%)
POLY-3 RATE (b)	1/46.34	3/43.49	4/41.10
POLY-3 PERCENT (g)	2.2%	6.9%	9.7%
TERMINAL (d)	1/39 (3%)	3/34 (9%)	4/35 (11%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.105	P=0.283	P=0.144
POLY 1.5	P=0.114	P=0.289	P=0.155
POLY 6	P=0.099	P=0.277	P=0.136
COCH-ARM / FISHERS	P=0.133	P=0.309	P=0.181
MAX-ISO-POLY-3	P=0.111	P=0.146	P=0.075

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Mineralization**

LESION RATES

OVERALL (a)	10/50 (20%)	13/50 (26%)	8/50 (16%)
POLY-3 RATE (b)	10/47.33	13/45.27	8/42.83
POLY-3 PERCENT (g)	21.1%	28.7%	18.7%
TERMINAL (d)	7/39 (18%)	9/34 (27%)	5/35 (14%)
FIRST INCIDENCE	485	503	437

STATISTICAL TESTS

POLY 3	P=0.469N	P=0.273	P=0.489N
POLY 1.5	P=0.431N	P=0.283	P=0.459N
POLY 6	P=0.497N	P=0.266	P=0.512N
COCH-ARM / FISHERS	P=0.356N	P=0.318	P=0.398N
MAX-ISO-POLY-3	P=0.354N	P=0.205	P=0.390N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney
 Nephropathy**

LESION RATES

OVERALL (a)	20/50 (40%)	21/50 (42%)	16/50 (32%)
POLY-3 RATE (b)	20/46.37	21/44.99	16/42.98
POLY-3 PERCENT (g)	43.1%	46.7%	37.2%
TERMINAL (d)	19/39 (49%)	16/34 (47%)	13/35 (37%)
FIRST INCIDENCE	721	533	296

STATISTICAL TESTS

POLY 3	P=0.335N	P=0.448	P=0.361N
POLY 1.5	P=0.300N	P=0.454	P=0.328N
POLY 6	P=0.359N	P=0.455	P=0.384N
COCH-ARM / FISHERS	P=0.235N	P=0.500	P=0.266N
MAX-ISO-POLY-3	P=0.333N	P=0.367	P=0.291N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Cortex
 Cyst**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	2.2%	0%	0%
TERMINAL (d)	1/39 (3%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	---	---

STATISTICAL TESTS

POLY 3	P=0.291N	P=0.513N	P=0.524N
POLY 1.5	P=0.284N	P=0.509N	P=0.516N
POLY 6	P=0.297N	P=0.516N	P=0.530N
COCH-ARM / FISHERS	P=0.269N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.192N	P=0.174N	P=0.188N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Cortex
 Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Cortex
 Metaplasia Osseous**

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	2/43.58	0/41.10
POLY-3 PERCENT (g)	0%	4.6%	0%
TERMINAL (d)	0/39 (0%)	1/34 (3%)	0/35 (0%)
FIRST INCIDENCE	---	706	---

STATISTICAL TESTS

POLY 3	P=0.627	P=0.224	(e)
POLY 1.5	P=0.641	P=0.227	(e)
POLY 6	P=0.616	P=0.221	(e)
COCH-ARM / FISHERS	P=0.669	P=0.247	(e)
MAX-ISO-POLY-3	P=0.275	P=0.076	(e)

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Papilla
Inflammation**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.72	2/44.86	0/41.10
POLY-3 PERCENT (g)	2.1%	4.5%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	622	454	---

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STATISTICAL TESTS

POLY 3	P=0.423N	P=0.486	P=0.525N
POLY 1.5	P=0.401N	P=0.489	P=0.517N
POLY 6	P=0.440N	P=0.483	P=0.532N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.235N	P=0.273	P=0.189N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Papilla
 Necrosis**

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.49	0/43.49	1/41.10
POLY-3 PERCENT (g)	4.3%	0%	2.4%
TERMINAL (d)	1/39 (3%)	0/34 (0%)	1/35 (3%)
FIRST INCIDENCE	689	---	727 (T)

STATISTICAL TESTS

POLY 3	P=0.386N	P=0.252N	P=0.543N
POLY 1.5	P=0.378N	P=0.248N	P=0.529N
POLY 6	P=0.393N	P=0.256N	P=0.554N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.251N	P=0.091N	P=0.327N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Pelvis
 Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/46.34	1/43.49	1/41.10
POLY-3 PERCENT (g)	0%	2.3%	2.4%
TERMINAL (d)	0/39 (0%)	1/34 (3%)	1/35 (3%)
FIRST INCIDENCE	---	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.311	P=0.487	P=0.476
POLY 1.5	P=0.318	P=0.491	P=0.484
POLY 6	P=0.305	P=0.484	P=0.470
COCH-ARM / FISHERS	P=0.331	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.268	P=0.158	P=0.158

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
Necrosis**

LESION RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/47.19	2/44.96	2/42.66
POLY-3 PERCENT (g)	4.2%	4.5%	4.7%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	485	423	437

STATISTICAL TESTS

POLY 3	P=0.565	P=0.676	P=0.657
POLY 1.5	P=0.577	P=0.681	P=0.669
POLY 6	P=0.556	P=0.672	P=0.647
COCH-ARM / FISHERS	P=0.601	P=0.691N	P=0.691N
MAX-ISO-POLY-3	P=0.620	P=0.480	P=0.460

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
Pigmentation Hemosiderin**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

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STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Kidney: Renal Tubule
Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

.....
STATISTICAL TESTS

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

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Angiectasis

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/46.34	1/43.49	2/41.10
POLY-3 PERCENT (g)	2.2%	2.3%	4.9%
TERMINAL (d)	1/39 (3%)	1/34 (3%)	2/35 (6%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.353	P=0.746	P=0.458
POLY 1.5	P=0.362	P=0.750	P=0.472
POLY 6	P=0.347	P=0.743	P=0.448
COCH-ARM / FISHERS	P=0.378	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.342	P=0.482	P=0.258

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Basophilic Focus

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	2/46.34	1/43.49	4/41.10
POLY-3 PERCENT (g)	4.3%	2.3%	9.7%
TERMINAL (d)	2/39 (5%)	1/34 (3%)	4/35 (11%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.214	P=0.522N	P=0.283
POLY 1.5	P=0.222	P=0.516N	P=0.301
POLY 6	P=0.208	P=0.527N	P=0.271
COCH-ARM / FISHERS	P=0.238	P=0.500N	P=0.339
MAX-ISO-POLY-3	P=0.145	P=0.305N	P=0.174

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Clear Cell Focus

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/46.34	1/43.49	1/41.10
POLY-3 PERCENT (g)	0%	2.3%	2.4%
TERMINAL (d)	0/39 (0%)	1/34 (3%)	1/35 (3%)
FIRST INCIDENCE	---	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.311	P=0.487	P=0.476
POLY 1.5	P=0.318	P=0.491	P=0.484
POLY 6	P=0.305	P=0.484	P=0.470
COCH-ARM / FISHERS	P=0.331	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.268	P=0.158	P=0.158

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Eosinophilic Focus

LESION RATES

OVERALL (a)	4/50 (8%)	5/50 (10%)	6/50 (12%)
POLY-3 RATE (b)	4/46.34	5/43.57	6/41.10
POLY-3 PERCENT (g)	8.6%	11.5%	14.6%
TERMINAL (d)	4/39 (10%)	4/34 (12%)	6/35 (17%)
FIRST INCIDENCE	727 (T)	709	727 (T)

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STATISTICAL TESTS

POLY 3	P=0.244	P=0.461	P=0.296
POLY 1.5	P=0.265	P=0.472	P=0.320
POLY 6	P=0.229	P=0.453	P=0.279
COCH-ARM / FISHERS	P=0.309	P=0.500	P=0.370
MAX-ISO-POLY-3	P=0.287	P=0.332	P=0.206

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Fatty Change

LESION RATES

OVERALL (a)	29/50 (58%)	35/50 (70%)	16/50 (32%)
POLY-3 RATE (b)	29/49.52	35/46.05	16/43.29
POLY-3 PERCENT (g)	58.6%	76%	37%
TERMINAL (d)	21/39 (54%)	27/34 (79%)	13/35 (37%)
FIRST INCIDENCE	485	423	438

STATISTICAL TESTS

POLY 3	P=0.032N*	P=0.051	P=0.028N*
POLY 1.5	P=0.016N*	P=0.074	P=0.017N*
POLY 6	P=0.061N	P=0.035*	P=0.045N*
COCH-ARM / FISHERS	P=0.006N**	P=0.149	P=0.008N**
MAX-ISO-POLY-3	P=0.002N**	P=0.037*	P=0.023N*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Liver
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	6/50 (12%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	6/46.74	1/44.10	1/41.32
POLY-3 PERCENT (g)	12.8%	2.3%	2.4%
TERMINAL (d)	4/39 (10%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	622	532	667

STATISTICAL TESTS

POLY 3	P=0.028N*	P=0.066N	P=0.078N
POLY 1.5	P=0.025N*	P=0.063N	P=0.071N
POLY 6	P=0.030N*	P=0.068N	P=0.085N
COCH-ARM / FISHERS	P=0.023N*	P=0.056N	P=0.056N
MAX-ISO-POLY-3	P=0.032N*	P=0.032N*	P=0.043N*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Infarct

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Infiltration Cellular Lymphocyte

LESION RATES

OVERALL (a)	0/50 (0%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	0/46.34	4/43.49	1/41.10
POLY-3 PERCENT (g)	0%	9.2%	2.4%
TERMINAL (d)	0/39 (0%)	4/34 (12%)	1/35 (3%)
FIRST INCIDENCE	---	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.324	P=0.053	P=0.476
POLY 1.5	P=0.345	P=0.055	P=0.484
POLY 6	P=0.308	P=0.051	P=0.470
COCH-ARM / FISHERS	P=0.390	P=0.059	P=0.500
MAX-ISO-POLY-3	P=0.116	P=0.019*	P=0.158

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Inflammation Chronic

LESION RATES

OVERALL (a)	43/50 (86%)	35/50 (70%)	34/50 (68%)
POLY-3 RATE (b)	43/47.32	35/45.31	34/42.33
POLY-3 PERCENT (g)	90.9%	77.3%	80.3%
TERMINAL (d)	38/39 (97%)	31/34 (91%)	32/35 (91%)
FIRST INCIDENCE	622	139	394

STATISTICAL TESTS

POLY 3	P=0.079N	P=0.046N*	P=0.097N
POLY 1.5	P=0.050N*	P=0.043N*	P=0.057N
POLY 6	P=0.129N	P=0.056N	P=0.171N
COCH-ARM / FISHERS	P=0.025N*	P=0.045N*	P=0.028N*
MAX-ISO-POLY-3	P=0.070N	P=0.025N*	P=0.059N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Liver
Mineralization**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Mixed Cell Focus

LESION RATES

OVERALL (a)	1/50 (2%)	4/50 (8%)	6/50 (12%)
POLY-3 RATE (b)	1/46.34	4/43.84	6/41.10
POLY-3 PERCENT (g)	2.2%	9.1%	14.6%
TERMINAL (d)	1/39 (3%)	3/34 (9%)	6/35 (17%)
FIRST INCIDENCE	727 (T)	631	727 (T)

STATISTICAL TESTS

POLY 3	P=0.028*	P=0.162	P=0.039*
POLY 1.5	P=0.032*	P=0.167	P=0.044*
POLY 6	P=0.025*	P=0.159	P=0.035*
COCH-ARM / FISHERS	P=0.042*	P=0.181	P=0.056
MAX-ISO-POLY-3	P=0.030*	P=0.079	P=0.020*

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
Necrosis

LESION RATES

OVERALL (a)	3/50 (6%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	3/47.42	2/44.77	3/43.28
POLY-3 PERCENT (g)	6.3%	4.5%	6.9%
TERMINAL (d)	1/39 (3%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	485	503	296

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STATISTICAL TESTS

POLY 3	P=0.554	P=0.526N	P=0.619
POLY 1.5	P=0.565	P=0.519N	P=0.634
POLY 6	P=0.545	P=0.532N	P=0.608
COCH-ARM / FISHERS	P=0.588	P=0.500N	P=0.661N
MAX-ISO-POLY-3	P=0.528	P=0.351N	P=0.455

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Pigmentation Hemosiderin

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/46.34	0/43.49	2/41.10
POLY-3 PERCENT (g)	4.3%	0%	4.9%
TERMINAL (d)	2/39 (5%)	0/34 (0%)	2/35 (6%)
FIRST INCIDENCE	727 (T)	---	727 (T)

STATISTICAL TESTS

POLY 3	P=0.610	P=0.252N	P=0.650
POLY 1.5	P=0.613	P=0.248N	P=0.665
POLY 6	P=0.607	P=0.255N	P=0.639
COCH-ARM / FISHERS	P=0.622	P=0.247N	P=0.691N
MAX-ISO-POLY-3	P=0.349	P=0.090N	P=0.453

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Tension Lipidosis

LESION RATES

OVERALL (a)	12/50 (24%)	3/50 (6%)	10/50 (20%)
POLY-3 RATE (b)	12/47.39	3/43.61	10/42.39
POLY-3 PERCENT (g)	25.3%	6.9%	23.6%
TERMINAL (d)	9/39 (23%)	2/34 (6%)	8/35 (23%)
FIRST INCIDENCE	497	698	471

STATISTICAL TESTS

POLY 3	P=0.411N	P=0.017N*	P=0.522N
POLY 1.5	P=0.387N	P=0.015N*	P=0.483N
POLY 6	P=0.431N	P=0.019N*	P=0.553N
COCH-ARM / FISHERS	P=0.344N	P=0.011N*	P=0.405N
MAX-ISO-POLY-3	P=0.160N	P=0.010N**	P=0.427N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver
 Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	6/50 (12%)	11/50 (22%)	8/50 (16%)
POLY-3 RATE (b)	6/48.67	11/47.18	8/46.57
POLY-3 PERCENT (g)	12.3%	23.3%	17.2%
TERMINAL (d)	0/39 (0%)	2/34 (6%)	0/35 (0%)
FIRST INCIDENCE	485	423	404

STATISTICAL TESTS

POLY 3	P=0.303	P=0.127	P=0.353
POLY 1.5	P=0.315	P=0.130	P=0.363
POLY 6	P=0.293	P=0.125	P=0.345
COCH-ARM / FISHERS	P=0.344	P=0.143	P=0.387
MAX-ISO-POLY-3	P=0.223	P=0.082	P=0.258

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver: Hepatocyte
 Hypertrophy

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	6/50 (12%)
POLY-3 RATE (b)	0/46.34	0/43.49	6/42.60
POLY-3 PERCENT (g)	0%	0%	14.1%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	4/35 (11%)
FIRST INCIDENCE	---	---	438

STATISTICAL TESTS

POLY 3	P=0.002**	(e)	P=0.011*
POLY 1.5	P=0.002**	(e)	P=0.012*
POLY 6	P=0.002**	(e)	P=0.010**
COCH-ARM / FISHERS	P=0.003**	(e)	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.004**

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Liver: Oval Cell
 Hyperplasia

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/46.34	0/43.49	1/41.30
POLY-3 PERCENT (g)	2.2%	0%	2.4%
TERMINAL (d)	1/39 (3%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	---	674

STATISTICAL TESTS

POLY 3	P=0.664	P=0.513N	P=0.734
POLY 1.5	P=0.665	P=0.509N	P=0.743
POLY 6	P=0.663	P=0.516N	P=0.728
COCH-ARM / FISHERS	P=0.669	P=0.500N	P=0.753N
MAX-ISO-POLY-3	P=0.442	P=0.174N	P=0.468

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lung
 Inflammation Chronic**

LESION RATES

OVERALL (a)	4/50 (8%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	4/46.80	1/43.49	1/41.10
POLY-3 PERCENT (g)	8.6%	2.3%	2.4%
TERMINAL (d)	2/39 (5%)	1/34 (3%)	1/35 (3%)
FIRST INCIDENCE	643	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.123N	P=0.202N	P=0.221N
POLY 1.5	P=0.115N	P=0.195N	P=0.206N
POLY 6	P=0.130N	P=0.209N	P=0.234N
COCH-ARM / FISHERS	P=0.101N	P=0.181N	P=0.181N
MAX-ISO-POLY-3	P=0.132N	P=0.105N	P=0.124N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Lung: Alveolar Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	2/46.37	3/43.95	2/41.10
POLY-3 PERCENT (g)	4.3%	6.8%	4.9%
TERMINAL (d)	1/39 (3%)	2/34 (6%)	2/35 (6%)
FIRST INCIDENCE	721	594	727 (T)

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STATISTICAL TESTS

POLY 3	P=0.539	P=0.476	P=0.650
POLY 1.5	P=0.557	P=0.482	P=0.664
POLY 6	P=0.526	P=0.471	P=0.638
COCH-ARM / FISHERS	P=0.594	P=0.500	P=0.691N
MAX-ISO-POLY-3	P=0.521	P=0.307	P=0.453

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Lung: Alveolus
 Infiltration Cellular Histiocyte

LESION RATES

OVERALL (a)	5/50 (10%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	5/46.49	0/43.49	3/41.30
POLY-3 PERCENT (g)	10.8%	0%	7.3%
TERMINAL (d)	4/39 (10%)	0/34 (0%)	2/35 (6%)
FIRST INCIDENCE	689	---	674

STATISTICAL TESTS

POLY 3	P=0.278N	P=0.037N*	P=0.423N
POLY 1.5	P=0.269N	P=0.035N*	P=0.401N
POLY 6	P=0.285N	P=0.038N*	P=0.439N
COCH-ARM / FISHERS	P=0.252N	P=0.028N*	P=0.357N
MAX-ISO-POLY-3	P=0.123N	P=0.014N*	P=0.298N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lung: Bronchiole
Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/46.37	1/43.49	0/41.10
POLY-3 PERCENT (g)	2.2%	2.3%	0%
TERMINAL (d)	0/39 (0%)	1/34 (3%)	0/35 (0%)
FIRST INCIDENCE	721	727 (T)	---

STATISTICAL TESTS

POLY 3	P=0.375N	P=0.746	P=0.524N
POLY 1.5	P=0.360N	P=0.750	P=0.516N
POLY 6	P=0.386N	P=0.743	P=0.530N
COCH-ARM / FISHERS	P=0.331N	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.298N	P=0.481	P=0.188N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Lung: Glands
Inflammation

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

.....
STATISTICAL TESTS

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

.....

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mandibular
 Atrophy**

LESION RATES

OVERALL (a)	4/50 (8%)	8/50 (16%)	11/49 (22%)
POLY-3 RATE (b)	4/47.26	8/45.57	11/46.33
POLY-3 PERCENT (g)	8.5%	17.6%	23.7%
TERMINAL (d)	1/39 (3%)	4/34 (12%)	3/35 (9%)
FIRST INCIDENCE	622	454	404

STATISTICAL TESTS

POLY 3	P=0.030*	P=0.160	P=0.040*
POLY 1.5	P=0.031*	P=0.164	P=0.040*
POLY 6	P=0.030*	P=0.154	P=0.039*
COCH-ARM / FISHERS	P=0.032*	P=0.178	P=0.041*
MAX-ISO-POLY-3	P=0.029*	P=0.100	P=0.021*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mandibular
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	3/50 (6%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	3/46.80	2/43.49	1/41.03
POLY-3 PERCENT (g)	6.4%	4.6%	2.4%
TERMINAL (d)	1/39 (3%)	2/34 (6%)	1/35 (3%)
FIRST INCIDENCE	622	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.269N	P=0.533N	P=0.354N
POLY 1.5	P=0.254N	P=0.523N	P=0.339N
POLY 6	P=0.283N	P=0.543N	P=0.367N
COCH-ARM / FISHERS	P=0.228N	P=0.500N	P=0.316N
MAX-ISO-POLY-3	P=0.281N	P=0.358N	P=0.202N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mandibular
 Infiltration Cellular Plasma Cell**

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/46.34	0/43.49	0/41.03
POLY-3 PERCENT (g)	2.2%	0%	0%
TERMINAL (d)	1/39 (3%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	---	---

STATISTICAL TESTS

POLY 3	P=0.290N	P=0.513N	P=0.524N
POLY 1.5	P=0.284N	P=0.509N	P=0.517N
POLY 6	P=0.295N	P=0.516N	P=0.530N
COCH-ARM / FISHERS	P=0.272N	P=0.500N	P=0.505N
MAX-ISO-POLY-3	P=0.190N	P=0.174N	P=0.187N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mesenteric
 Atrophy**

LESION RATES

OVERALL (a)	9/47 (19%)	7/48 (15%)	5/44 (11%)
POLY-3 RATE (b)	9/45.73	7/45.01	5/41.42
POLY-3 PERCENT (g)	19.7%	15.6%	12.1%
TERMINAL (d)	3/37 (8%)	1/34 (3%)	1/34 (3%)
FIRST INCIDENCE	485	423	404

STATISTICAL TESTS

POLY 3	P=0.206N	P=0.406N	P=0.251N
POLY 1.5	P=0.199N	P=0.399N	P=0.243N
POLY 6	P=0.214N	P=0.411N	P=0.261N
COCH-ARM / FISHERS	P=0.186N	P=0.375N	P=0.231N
MAX-ISO-POLY-3	P=0.243N	P=0.306N	P=0.176N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Lymph Node, Mesenteric
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	1/47 (2%)	0/48 (0%)	0/44 (0%)
POLY-3 RATE (b)	1/43.58	0/42.62	0/38.61
POLY-3 PERCENT (g)	2.3%	0%	0%
TERMINAL (d)	1/37 (3%)	0/34 (0%)	0/34 (0%)
FIRST INCIDENCE	727 (T)	---	---

STATISTICAL TESTS

POLY 3	P=0.287N	P=0.504N	P=0.524N
POLY 1.5	P=0.283N	P=0.503N	P=0.520N
POLY 6	P=0.289N	P=0.506N	P=0.527N
COCH-ARM / FISHERS	P=0.276N	P=0.495N	P=0.516N
MAX-ISO-POLY-3	P=0.184N	P=0.165N	P=0.184N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Mesentery: Fat
 Necrosis

LESION RATES

OVERALL (a)	14/15 (93%)	15/18 (83%)	1/3 (33%)
POLY-3 RATE (b)	14/14.32	15/17.21	1/2.39
POLY-3 PERCENT (g)	97.8%	87.2%	41.9%
TERMINAL (d)	14/14 (100%)	13/13 (100%)	0/0 (0%)
FIRST INCIDENCE	727 (T)	532	492

STATISTICAL TESTS

POLY 3	P=0.030N*	P=0.316N	P=0.011N*
POLY 1.5	P=0.024N*	P=0.333N	P=0.012N*
POLY 6	P=0.066N	P=0.315N	P=0.035N*
COCH-ARM / FISHERS	P=0.036N*	P=0.374N	P=0.056N
MAX-ISO-POLY-3	P=0.021N*	P=0.124N	P<0.001N**

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Nose
Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

.....
STATISTICAL TESTS

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

.....

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Nose
Polyp, Inflammatory

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

.....
STATISTICAL TESTS

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

.....

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Nose: Glands
Dilatation

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Nose: Olfactory Epithelium
Degeneration

LESION RATES

OVERALL (a)	2/50 (4%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	2/47.04	5/44.15	5/42.15
POLY-3 PERCENT (g)	4.3%	11.3%	11.9%
TERMINAL (d)	1/39 (3%)	2/34 (6%)	3/35 (9%)
FIRST INCIDENCE	485	594	404

.....
STATISTICAL TESTS

POLY 3	P=0.136	P=0.191	P=0.174
POLY 1.5	P=0.149	P=0.198	P=0.188
POLY 6	P=0.127	P=0.187	P=0.165
COCH-ARM / FISHERS	P=0.178	P=0.218	P=0.218
MAX-ISO-POLY-3	P=0.162	P=0.109	P=0.103

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Nose: Olfactory Epithelium
 Metaplasia Respiratory**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	1/43.57	0/41.10
POLY-3 PERCENT (g)	0%	2.3%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	709	---

STATISTICAL TESTS

POLY 3	P=0.709	P=0.488	(e)
POLY 1.5	P=0.716	P=0.491	(e)
POLY 6	P=0.704	P=0.485	(e)
COCH-ARM / FISHERS	P=0.731	P=0.500	(e)
MAX-ISO-POLY-3	P=0.384	P=0.158	(e)

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Ovary
 Angiectasis**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	1/46.37	2/43.49	1/40.79
POLY-3 PERCENT (g)	2.2%	4.6%	2.5%
TERMINAL (d)	0/39 (0%)	2/34 (6%)	1/35 (3%)
FIRST INCIDENCE	721	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.578	P=0.478	P=0.731
POLY 1.5	P=0.590	P=0.484	P=0.739
POLY 6	P=0.570	P=0.472	P=0.725
COCH-ARM / FISHERS	P=0.616	P=0.500	P=0.747
MAX-ISO-POLY-3	P=0.495	P=0.268	P=0.465

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Ovary
 Atrophy**

LESION RATES

OVERALL (a)	43/50 (86%)	44/50 (88%)	45/49 (92%)
POLY-3 RATE (b)	43/49.30	44/48.20	45/46.50
POLY-3 PERCENT (g)	87.2%	91.3%	96.8%
TERMINAL (d)	33/39 (85%)	32/34 (94%)	34/35 (97%)
FIRST INCIDENCE	497	423	404

STATISTICAL TESTS

POLY 3	P=0.059	P=0.372	P=0.082
POLY 1.5	P=0.090	P=0.394	P=0.119
POLY 6	P=0.046*	P=0.344	P=0.069
COCH-ARM / FISHERS	P=0.225	P=0.500	P=0.274
MAX-ISO-POLY-3	P=0.056	P=0.258	P=0.040*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Ovary: Corpus Luteum
 Cyst

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/49 (2%)
POLY-3 RATE (b)	0/46.34	2/43.49	1/40.79
POLY-3 PERCENT (g)	0%	4.6%	2.5%
TERMINAL (d)	0/39 (0%)	2/34 (6%)	1/35 (3%)
FIRST INCIDENCE	---	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.320	P=0.223	P=0.475
POLY 1.5	P=0.331	P=0.227	P=0.481
POLY 6	P=0.312	P=0.220	P=0.470
COCH-ARM / FISHERS	P=0.355	P=0.247	P=0.495
MAX-ISO-POLY-3	P=0.206	P=0.076	P=0.157

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Ovary: Follicle
Cyst

LESION RATES

OVERALL (a)	5/50 (10%)	4/50 (8%)	5/49 (10%)
POLY-3 RATE (b)	5/46.34	4/44.10	5/40.99
POLY-3 PERCENT (g)	10.8%	9.1%	12.2%
TERMINAL (d)	5/39 (13%)	3/34 (9%)	4/35 (11%)
FIRST INCIDENCE	727 (T)	533	674

STATISTICAL TESTS

POLY 3	P=0.499	P=0.531N	P=0.551
POLY 1.5	P=0.516	P=0.523N	P=0.572
POLY 6	P=0.488	P=0.536N	P=0.538
COCH-ARM / FISHERS	P=0.556	P=0.500N	P=0.617
MAX-ISO-POLY-3	P=0.513	P=0.393N	P=0.421

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Ovary: Germinal Epithelium
 Cyst

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	2/49 (4%)
POLY-3 RATE (b)	1/46.34	2/43.49	2/40.79
POLY-3 PERCENT (g)	2.2%	4.6%	4.9%
TERMINAL (d)	1/39 (3%)	2/34 (6%)	2/35 (6%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.348	P=0.478	P=0.456
POLY 1.5	P=0.359	P=0.484	P=0.468
POLY 6	P=0.340	P=0.473	P=0.447
COCH-ARM / FISHERS	P=0.383	P=0.500	P=0.492
MAX-ISO-POLY-3	P=0.371	P=0.268	P=0.256

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Pancreas
 Atrophy**

LESION RATES

OVERALL (a)	2/50 (4%)	1/49 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/46.34	1/42.95	3/41.99
POLY-3 PERCENT (g)	4.3%	2.3%	7.1%
TERMINAL (d)	2/39 (5%)	1/34 (3%)	1/35 (3%)
FIRST INCIDENCE	727 (T)	727 (T)	492

STATISTICAL TESTS

POLY 3	P=0.375	P=0.526N	P=0.455
POLY 1.5	P=0.383	P=0.522N	P=0.469
POLY 6	P=0.370	P=0.530N	P=0.447
COCH-ARM / FISHERS	P=0.400	P=0.508N	P=0.500
MAX-ISO-POLY-3	P=0.293	P=0.308N	P=0.294

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Pituitary Gland: Pars Distalis
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	5/50 (10%)
POLY-3 RATE (b)	1/46.34	2/43.61	5/41.10
POLY-3 PERCENT (g)	2.2%	4.6%	12.2%
TERMINAL (d)	1/39 (3%)	1/34 (3%)	5/35 (14%)
FIRST INCIDENCE	727 (T)	698	727 (T)

STATISTICAL TESTS

POLY 3	P=0.046*	P=0.479	P=0.076
POLY 1.5	P=0.050*	P=0.485	P=0.084
POLY 6	P=0.044*	P=0.474	P=0.070
COCH-ARM / FISHERS	P=0.060	P=0.500	P=0.102
MAX-ISO-POLY-3	P=0.042*	P=0.269	P=0.039*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Skin
 Inflammation**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Skin
Ulcer

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/46.34	0/43.49	1/41.94
POLY-3 PERCENT (g)	0%	0%	2.4%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	394

STATISTICAL TESTS

POLY 3	P=0.273	(e)	P=0.480
POLY 1.5	P=0.272	(e)	P=0.487
POLY 6	P=0.274	(e)	P=0.475
COCH-ARM / FISHERS	P=0.269	(e)	P=0.500
MAX-ISO-POLY-3	P=0.151	(e)	P=0.158

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	39/49 (80%)	39/50 (78%)	16/50 (32%)
POLY-3 RATE (b)	39/48.08	39/48.68	16/43.29
POLY-3 PERCENT (g)	81.1%	80.1%	37%
TERMINAL (d)	32/39 (82%)	28/34 (82%)	11/35 (31%)
FIRST INCIDENCE	485	139	394

STATISTICAL TESTS

POLY 3	P<0.001N**	P=0.554N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.541N	P<0.001N**
POLY 6	P<0.001N**	P=0.570N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.521N	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.449N	P<0.001N**

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Spleen
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	6/49 (12%)	4/50 (8%)	4/50 (8%)
POLY-3 RATE (b)	6/45.66	4/43.53	4/41.10
POLY-3 PERCENT (g)	13.1%	9.2%	9.7%
TERMINAL (d)	5/39 (13%)	3/34 (9%)	4/35 (11%)
FIRST INCIDENCE	706	717	727 (T)

STATISTICAL TESTS

POLY 3	P=0.363N	P=0.400N	P=0.437N
POLY 1.5	P=0.338N	P=0.387N	P=0.410N
POLY 6	P=0.384N	P=0.412N	P=0.460N
COCH-ARM / FISHERS	P=0.291N	P=0.357N	P=0.357N
MAX-ISO-POLY-3	P=0.418N	P=0.284N	P=0.320N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Spleen
Pigmentation Hemosiderin**

LESION RATES

OVERALL (a)	9/49 (18%)	16/50 (32%)	11/50 (22%)
POLY-3 RATE (b)	9/46.17	16/45.28	11/45.29
POLY-3 PERCENT (g)	19.5%	35.3%	24.3%
TERMINAL (d)	8/39 (21%)	11/34 (32%)	5/35 (14%)
FIRST INCIDENCE	540	423	296

STATISTICAL TESTS

POLY 3	P=0.333	P=0.069	P=0.382
POLY 1.5	P=0.349	P=0.074	P=0.395
POLY 6	P=0.322	P=0.066	P=0.373
COCH-ARM / FISHERS	P=0.384	P=0.091	P=0.421
MAX-ISO-POLY-3	P=0.183	P=0.045*	P=0.293

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Spleen: Lymphoid Follicle
 Atrophy**

LESION RATES

OVERALL (a)	4/49 (8%)	11/50 (22%)	11/50 (22%)
POLY-3 RATE (b)	4/46.57	11/48.89	11/47.95
POLY-3 PERCENT (g)	8.6%	22.5%	22.9%
TERMINAL (d)	1/39 (3%)	1/34 (3%)	1/35 (3%)
FIRST INCIDENCE	540	139	296

STATISTICAL TESTS

POLY 3	P=0.048*	P=0.055	P=0.050*
POLY 1.5	P=0.047*	P=0.053	P=0.049*
POLY 6	P=0.049*	P=0.057	P=0.051
COCH-ARM / FISHERS	P=0.047*	P=0.049*	P=0.049*
MAX-ISO-POLY-3	P=0.047*	P=0.032*	P=0.028*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Forestomach
 Inflammation**

LESION RATES

OVERALL (a)	2/50 (4%)	5/49 (10%)	8/50 (16%)
POLY-3 RATE (b)	2/46.52	5/44.48	8/43.99
POLY-3 PERCENT (g)	4.3%	11.2%	18.2%
TERMINAL (d)	0/39 (0%)	1/34 (3%)	3/35 (9%)
FIRST INCIDENCE	689	139	471

STATISTICAL TESTS

POLY 3	P=0.026*	P=0.198	P=0.036*
POLY 1.5	P=0.028*	P=0.202	P=0.039*
POLY 6	P=0.026*	P=0.197	P=0.036*
COCH-ARM / FISHERS	P=0.034*	P=0.210	P=0.046*
MAX-ISO-POLY-3	P=0.026*	P=0.111	P=0.019*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Forestomach
 Necrosis**

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	4/50 (8%)
POLY-3 RATE (b)	0/46.34	0/42.95	4/43.66
POLY-3 PERCENT (g)	0%	0%	9.2%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	438

STATISTICAL TESTS

POLY 3	P=0.013*	(e)	P=0.053
POLY 1.5	P=0.013*	(e)	P=0.055
POLY 6	P=0.013*	(e)	P=0.052
COCH-ARM / FISHERS	P=0.015*	(e)	P=0.059
MAX-ISO-POLY-3	P=0.007**	(e)	P=0.019*

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Forestomach
 Ulcer**

LESION RATES

OVERALL (a)	3/50 (6%)	2/49 (4%)	3/50 (6%)
POLY-3 RATE (b)	3/47.20	2/43.08	3/42.43
POLY-3 PERCENT (g)	6.4%	4.6%	7.1%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	497	706	471

STATISTICAL TESTS

POLY 3	P=0.547	P=0.541N	P=0.612
POLY 1.5	P=0.560	P=0.532N	P=0.628
POLY 6	P=0.539	P=0.548N	P=0.602
COCH-ARM / FISHERS	P=0.588	P=0.510N	P=0.661N
MAX-ISO-POLY-3	P=0.529	P=0.366N	P=0.448

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Forestomach: Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	7/50 (14%)	10/49 (20%)	17/50 (34%)
POLY-3 RATE (b)	7/47.48	10/45.19	17/45.37
POLY-3 PERCENT (g)	14.7%	22.1%	37.5%
TERMINAL (d)	4/39 (10%)	5/34 (15%)	9/35 (26%)
FIRST INCIDENCE	497	139	404

STATISTICAL TESTS

POLY 3	P=0.007**	P=0.259	P=0.010**
POLY 1.5	P=0.008**	P=0.266	P=0.011*
POLY 6	P=0.007**	P=0.253	P=0.010**
COCH-ARM / FISHERS	P=0.012*	P=0.282	P=0.017*
MAX-ISO-POLY-3	P=0.007**	P=0.185	P=0.006**

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Stomach, Glandular
Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.34	0/43.49	0/41.10
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/34 (0%)	0/35 (0%)
FIRST INCIDENCE	---	---	---

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STATISTICAL TESTS

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

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TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thymus
Atrophy**

LESION RATES

OVERALL (a)	22/49 (45%)	14/48 (29%)	19/47 (40%)
POLY-3 RATE (b)	22/48.24	14/46.88	19/47.00
POLY-3 PERCENT (g)	45.6%	29.9%	40.4%
TERMINAL (d)	14/39 (36%)	3/34 (9%)	7/35 (20%)
FIRST INCIDENCE	485	423	296

STATISTICAL TESTS

POLY 3	P=0.338N	P=0.084N	P=0.382N
POLY 1.5	P=0.345N	P=0.086N	P=0.391N
POLY 6	P=0.330N	P=0.082N	P=0.372N
COCH-ARM / FISHERS	P=0.358N	P=0.082N	P=0.407N
MAX-ISO-POLY-3	P=0.205N	P=0.057N	P=0.306N

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thyroid Gland
Inflammation**

LESION RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/46.34	2/43.49	0/41.10
POLY-3 PERCENT (g)	4.3%	4.6%	0%
TERMINAL (d)	2/39 (5%)	2/34 (6%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---

STATISTICAL TESTS

POLY 3	P=0.216N	P=0.671	P=0.265N
POLY 1.5	P=0.202N	P=0.677	P=0.256N
POLY 6	P=0.227N	P=0.666	P=0.272N
COCH-ARM / FISHERS	P=0.176N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.177N	P=0.474	P=0.102N

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thyroid Gland: Follicle
 Cyst**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/46.34	1/43.49	3/41.10
POLY-3 PERCENT (g)	2.2%	2.3%	7.3%
TERMINAL (d)	1/39 (3%)	1/34 (3%)	3/35 (9%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.182	P=0.746	P=0.264
POLY 1.5	P=0.189	P=0.750	P=0.277
POLY 6	P=0.177	P=0.743	P=0.254
COCH-ARM / FISHERS	P=0.202	P=0.753N	P=0.309
MAX-ISO-POLY-3	P=0.165	P=0.482	P=0.140

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Thyroid Gland: Follicular Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/46.34	1/43.49	3/41.10
POLY-3 PERCENT (g)	4.3%	2.3%	7.3%
TERMINAL (d)	2/39 (5%)	1/34 (3%)	3/35 (9%)
FIRST INCIDENCE	727 (T)	727 (T)	727 (T)

STATISTICAL TESTS

POLY 3	P=0.370	P=0.522N	P=0.446
POLY 1.5	P=0.380	P=0.516N	P=0.463
POLY 6	P=0.363	P=0.527N	P=0.432
COCH-ARM / FISHERS	P=0.399	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.284	P=0.305N	P=0.288

TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Tooth
 Dysplasia

LESION RATES

OVERALL (a)	1/1 (100%)	3/3 (100%)	4/4 (100%)
POLY-3 RATE (b)	1/1.00	3/3.00	4/4.00
POLY-3 PERCENT (g)	100%	100%	100%
TERMINAL (d)	1/1 (100%)	3/3 (100%)	3/3 (100%)
FIRST INCIDENCE	727 (T)	727 (T)	667

STATISTICAL TESTS

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

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

Tooth: Pulp
Inflammation

LESION RATES

OVERALL (a)	0/1 (0%)	0/3 (0%)	0/4 (0%)
POLY-3 RATE (b)	0/1.00	0/3.00	0/3.77
POLY-3 PERCENT (g)	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/3 (0%)	0/3 (0%)
FIRST INCIDENCE	---	---	---

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STATISTICAL TESTS

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

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TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Urinary Bladder
Infiltration Cellular Lymphocyte**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/46.34	2/43.49	0/41.10
POLY-3 PERCENT (g)	2.2%	4.6%	0%
TERMINAL (d)	1/39 (3%)	2/34 (6%)	0/35 (0%)
FIRST INCIDENCE	727 (T)	727 (T)	---

.....
STATISTICAL TESTS

POLY 3	P=0.418N	P=0.478	P=0.524N
POLY 1.5	P=0.399N	P=0.484	P=0.516N
POLY 6	P=0.433N	P=0.473	P=0.530N
COCH-ARM / FISHERS	P=0.360N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.228N	P=0.268	P=0.188N

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TDMS No. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 04/10/2008
 Time Report Requested: 07:27:51
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 104 WEEKS**

DOSE	Females		
	0 G/KG	0.25 G/KG	0.5 G/KG

**Uterus: Endometrium
 Hyperplasia**

LESION RATES

OVERALL (a)	43/50 (86%)	33/50 (66%)	28/50 (56%)
POLY-3 RATE (b)	43/48.93	33/46.39	28/42.80
POLY-3 PERCENT (g)	87.9%	71.1%	65.4%
TERMINAL (d)	35/39 (90%)	25/34 (74%)	25/35 (71%)
FIRST INCIDENCE	485	423	437

STATISTICAL TESTS

POLY 3	P=0.005N**	P=0.031N*	P=0.006N**
POLY 1.5	P=0.002N**	P=0.025N*	P=0.002N**
POLY 6	P=0.011N*	P=0.039N*	P=0.014N*
COCH-ARM / FISHERS	P<0.001N**	P=0.017N*	P<0.001N**
MAX-ISO-POLY-3	P=0.007N**	P=0.019N*	P=0.005N**

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 04/10/2008
Time Report Requested: 07:27:51
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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.
 - (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. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
 - (e) Value of Statistic cannot be computed.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***