

TDMS No. 05174-06
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CRESOLS
CAS Number: 1319-77-3
Pathologist: BOYCE, J. - TOFT, J.
f1_M3_Females

Date Report Reqsted: 05/03/2006
Time Report Reqsted: 14:36:25
First Dose M/F: NA / 08/20/02
Lab: BAT

C Number: C62260B

Lock Date: 01/21/2005

Cage Range: 1 - 9999

Date Range: 1-JAN-1940 to 17-SEP-2040

Reasons For Removal: ALL

Removal Date Range: JAN /1 /1940 - SEP /17 /2040

Treatment Groups: Include 1 0 PPM

Include 2 1000 PPM

Include 3 3000 PPM

Include 4 10000 PPM

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

FEMALE MICE

Organ

Adrenal Medulla
Bone Marrow

Kidney

Liver

Lung: Alveolar Epithelium
Lung: Bronchiole
Lymph Node, Mesenteric
Nose: Respiratory Epithelium

Ovary
Pituitary Gland: Pars Distalis
Salivary Glands
Stomach, Forestomach: Epithelium
Thymus
Thyroid Gland
Thyroid Gland: Follicle
Urinary Bladder

Morphology

Hyperplasia
Hyperplasia
Myelofibrosis
Casts Protein
Mineralization
Eosinophilic Focus
Pigmentation
Hyperplasia
Hyperplasia
Hyperplasia Lymphoid
Hyperplasia
Metaplasia
Cyst
Hyperplasia
Infiltration Cellular Lymphoid
Hyperplasia
Hyperplasia Lymphoid
Inflammation Chronic
Degeneration
Infiltration Cellular Lymphoid

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Adrenal Cortex
 Vacuolization Cytoplasmic**

LESION RATES

OVERALL (a)	0/49 (0%)	2/50 (4%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/45.45	2/48.15	0/47.55	1/47.07
POLY-3 PERCENT (g)	0%	4.2%	0%	2.1%
TERMINAL (d)	0/41 (0%)	2/43 (5%)	0/44 (0%)	0/42 (0%)
FIRST INCIDENCE	---	728 (T)	---	724

STATISTICAL TESTS

LIFE TABLE	P=0.621	P=0.249	(e)	P=0.514
POLY 3	P=0.625	P=0.250	(e)	P=0.507
POLY 1.5	P=0.624	P=0.249	(e)	P=0.506
POLY 6	P=0.629	P=0.253	(e)	P=0.509
LOGISTIC REGRESSION	P=0.625	P=0.249	(e)	P=0.510
COCH-ARM / FISHERS	P=0.620	P=0.253	(e)	P=0.505
ORDER RESTRICTED	P=0.331	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.345	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Adrenal Cortex: Subcapsular
 Hyperplasia**

LESION RATES

OVERALL (a)	48/49 (98%)	50/50 (100%)	48/49 (98%)	50/50 (100%)
POLY-3 RATE (b)	48/48.70	50/50.00	48/48.78	50/50.00
POLY-3 PERCENT (g)	98.6%	100%	98.4%	100%
TERMINAL (d)	41/41 (100%)	43/43 (100%)	44/44 (100%)	42/42 (100%)
FIRST INCIDENCE	20	561	515	163

STATISTICAL TESTS

LIFE TABLE	P=0.422	P=0.561N	P=0.248N	P=0.528
POLY 3	P=0.562	P=0.664	P=0.807N	P=0.664
POLY 1.5	P=0.509	P=0.574	P=0.782N	P=0.574
POLY 6	P=0.685	P=0.852	P=0.866N	P=0.852
LOGISTIC REGRESSION	P=0.460	P=0.535	P=0.736N	P=0.505
COCH-ARM / FISHERS	P=0.461	P=0.495	P=0.753N	P=0.495
ORDER RESTRICTED	P=0.272	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.282	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Adrenal Medulla
 Hyperplasia**

LESION RATES

OVERALL (a)	3/49 (6%)	0/50 (0%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	3/45.45	0/48.15	0/47.55	1/47.06
POLY-3 PERCENT (g)	6.6%	0%	0%	2.1%
TERMINAL (d)	3/41 (7%)	0/43 (0%)	0/44 (0%)	1/42 (2%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.474N	P=0.113N	P=0.109N	P=0.297N
POLY 3	P=0.481N	P=0.109N	P=0.111N	P=0.293N
POLY 1.5	P=0.479N	P=0.110N	P=0.113N	P=0.295N
POLY 6	P=0.483N	P=0.107N	P=0.108N	P=0.289N
LOGISTIC REGRESSION	P=0.474N	(e)	(e)	P=0.297N
COCH-ARM / FISHERS	P=0.470N	P=0.117N	P=0.121N	P=0.301N
ORDER RESTRICTED	P=0.034N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.042N*	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Bone Marrow
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	6/50 (12%)	5/49 (10%)	2/50 (4%)
POLY-3 RATE (b)	1/46.09	6/48.83	5/47.88	2/47.48
POLY-3 PERCENT (g)	2.2%	12.3%	10.4%	4.2%
TERMINAL (d)	0/41 (0%)	3/43 (7%)	2/44 (5%)	0/42 (0%)
FIRST INCIDENCE	682	575	671	613

STATISTICAL TESTS

LIFE TABLE	P=0.367N	P=0.077	P=0.132	P=0.524
POLY 3	P=0.360N	P=0.066	P=0.111	P=0.510
POLY 1.5	P=0.366N	P=0.063	P=0.107	P=0.506
POLY 6	P=0.350N	P=0.070	P=0.117	P=0.517
LOGISTIC REGRESSION	P=0.373N	P=0.049*	P=0.095	P=0.491
COCH-ARM / FISHERS	P=0.374N	P=0.056	P=0.098	P=0.500
ORDER RESTRICTED	P=0.159	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.175	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Bone Marrow
 Myelofibrosis**

LESION RATES

OVERALL (a)	23/50 (46%)	33/50 (66%)	18/49 (37%)	25/50 (50%)
POLY-3 RATE (b)	23/47.20	33/49.42	18/48.20	25/47.45
POLY-3 PERCENT (g)	48.7%	66.8%	37.3%	52.7%
TERMINAL (d)	20/41 (49%)	28/43 (65%)	17/44 (39%)	24/42 (57%)
FIRST INCIDENCE	570	575	515	615

STATISTICAL TESTS

LIFE TABLE	P=0.414N	P=0.079	P=0.143N	P=0.467
POLY 3	P=0.435N	P=0.053	P=0.179N	P=0.429
POLY 1.5	P=0.428N	P=0.048*	P=0.191N	P=0.427
POLY 6	P=0.435N	P=0.063	P=0.165N	P=0.440
LOGISTIC REGRESSION	P=0.413N	P=0.047*	P=0.201N	P=0.459
COCH-ARM / FISHERS	P=0.410N	P=0.035*	P=0.232N	P=0.421
ORDER RESTRICTED	P=0.154N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.165N	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Brain
 Hydrocephalus**

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.91	2/48.96	0/47.55	0/47.06
POLY-3 PERCENT (g)	0%	4.1%	0%	0%
TERMINAL (d)	0/41 (0%)	0/43 (0%)	0/44 (0%)	0/42 (0%)
FIRST INCIDENCE	---	561	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.395N	P=0.252	(e)	(e)
POLY 3	P=0.381N	P=0.252	(e)	(e)
POLY 1.5	P=0.384N	P=0.248	(e)	(e)
POLY 6	P=0.375N	P=0.258	(e)	(e)
LOGISTIC REGRESSION	P=0.397N	P=0.158	(e)	(e)
COCH-ARM / FISHERS	P=0.392N	P=0.247	(e)	(e)
ORDER RESTRICTED	P=0.255N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.268N	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Brain
 Infiltration Cellular Lymphoid**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.91	2/48.41	1/47.55	0/47.06
POLY-3 PERCENT (g)	2.2%	4.1%	2.1%	0%
TERMINAL (d)	1/41 (2%)	1/43 (2%)	1/44 (2%)	0/42 (0%)
FIRST INCIDENCE	728 (T)	658	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.238N	P=0.521	P=0.746N	P=0.495N
POLY 3	P=0.237N	P=0.518	P=0.753N	P=0.495N
POLY 1.5	P=0.238N	P=0.513	P=0.756N	P=0.497N
POLY 6	P=0.234N	P=0.526	P=0.747N	P=0.492N
LOGISTIC REGRESSION	P=0.238N	P=0.498	P=0.746N	(e)
COCH-ARM / FISHERS	P=0.239N	P=0.500	P=0.747	P=0.500N
ORDER RESTRICTED	P=0.232N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.244N	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Gallbladder
 Infiltration Cellular Lymphoid**

LESION RATES

OVERALL (a)	6/50 (12%)	10/50 (20%)	6/49 (12%)	9/50 (18%)
POLY-3 RATE (b)	6/46.38	10/48.15	6/47.55	9/47.07
POLY-3 PERCENT (g)	12.9%	20.8%	12.6%	19.1%
TERMINAL (d)	5/41 (12%)	10/43 (23%)	6/44 (14%)	8/42 (19%)
FIRST INCIDENCE	590	728 (T)	728 (T)	724

STATISTICAL TESTS

LIFE TABLE	P=0.384	P=0.237	P=0.573N	P=0.311
POLY 3	P=0.384	P=0.230	P=0.603N	P=0.298
POLY 1.5	P=0.382	P=0.226	P=0.611N	P=0.295
POLY 6	P=0.390	P=0.236	P=0.591N	P=0.306
LOGISTIC REGRESSION	P=0.392	P=0.237	P=0.610N	P=0.305
COCH-ARM / FISHERS	P=0.384	P=0.207	P=0.606	P=0.288
ORDER RESTRICTED	P=0.336	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.347	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Harderian Gland
 Hyperplasia**

LESION RATES

OVERALL (a)	1/50 (2%)	1/50 (2%)	2/48 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/45.91	1/48.15	2/47.02	0/47.06
POLY-3 PERCENT (g)	2.2%	2.1%	4.3%	0%
TERMINAL (d)	1/41 (2%)	1/43 (2%)	2/44 (5%)	0/42 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.324N	P=0.751N	P=0.525	P=0.495N
POLY 3	P=0.325N	P=0.750N	P=0.508	P=0.495N
POLY 1.5	P=0.326N	P=0.752N	P=0.501	P=0.497N
POLY 6	P=0.322N	P=0.746N	P=0.518	P=0.492N
LOGISTIC REGRESSION	P=0.324N	P=0.751N	P=0.525	(e)
COCH-ARM / FISHERS	P=0.325N	P=0.753N	P=0.485	P=0.500N
ORDER RESTRICTED	P=0.277N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.291N	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Harderian Gland
 Infiltration Cellular Lymphoid**

LESION RATES

OVERALL (a)	30/50 (60%)	30/50 (60%)	35/48 (73%)	34/50 (68%)
POLY-3 RATE (b)	30/47.49	30/49.33	35/47.71	34/47.53
POLY-3 PERCENT (g)	63.2%	60.8%	73.4%	71.5%
TERMINAL (d)	26/41 (63%)	27/43 (63%)	33/44 (75%)	30/42 (71%)
FIRST INCIDENCE	570	561	515	615

STATISTICAL TESTS

LIFE TABLE	P=0.236	P=0.466N	P=0.358	P=0.338
POLY 3	P=0.181	P=0.488N	P=0.196	P=0.256
POLY 1.5	P=0.194	P=0.507N	P=0.179	P=0.261
POLY 6	P=0.175	P=0.466N	P=0.221	P=0.260
LOGISTIC REGRESSION	P=0.221	P=0.515N	P=0.186	P=0.308
COCH-ARM / FISHERS	P=0.231	P=0.581N	P=0.127	P=0.266
ORDER RESTRICTED	P=0.215	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.226	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Heart
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/46.33	1/48.19	0/47.55	1/47.75
POLY-3 PERCENT (g)	4.3%	2.1%	0%	2.1%
TERMINAL (d)	0/41 (0%)	0/43 (0%)	0/44 (0%)	0/42 (0%)
FIRST INCIDENCE	664	719	---	493

STATISTICAL TESTS

LIFE TABLE	P=0.521N	P=0.471N	P=0.220N	P=0.487N
POLY 3	P=0.528N	P=0.486N	P=0.232N	P=0.490N
POLY 1.5	P=0.528N	P=0.489N	P=0.234N	P=0.493N
POLY 6	P=0.527N	P=0.483N	P=0.228N	P=0.484N
LOGISTIC REGRESSION	P=0.523N	P=0.521N	P=0.260N	P=0.529N
COCH-ARM / FISHERS	P=0.525N	P=0.500N	P=0.253N	P=0.500N
ORDER RESTRICTED	P=0.215N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.230N	(e)	(e)	(e)

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

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

LESION RATES

OVERALL (a)	0/50 (0%)	2/50 (4%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.91	2/48.15	1/47.55	0/47.06
POLY-3 PERCENT (g)	0%	4.2%	2.1%	0%
TERMINAL (d)	0/41 (0%)	2/43 (5%)	1/44 (2%)	0/42 (0%)
FIRST INCIDENCE	---	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.382N	P=0.249	P=0.514	(e)
POLY 3	P=0.375N	P=0.248	P=0.507	(e)
POLY 1.5	P=0.378N	P=0.245	P=0.504	(e)
POLY 6	P=0.370N	P=0.252	P=0.512	(e)
LOGISTIC REGRESSION	(e)	P=0.249	P=0.514	(e)
COCH-ARM / FISHERS	P=0.383N	P=0.247	P=0.495	(e)
ORDER RESTRICTED	P=0.329N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.344N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Kidney
 Casts Protein**

LESION RATES

OVERALL (a)	29/50 (58%)	25/50 (50%)	19/49 (39%)	25/50 (50%)
POLY-3 RATE (b)	29/47.21	25/48.69	19/48.75	25/48.93
POLY-3 PERCENT (g)	61.4%	51.3%	39%	51.1%
TERMINAL (d)	26/41 (63%)	24/43 (56%)	16/44 (36%)	21/42 (50%)
FIRST INCIDENCE	582	561	515	493

STATISTICAL TESTS

LIFE TABLE	P=0.395N	P=0.194N	P=0.022N*	P=0.243N
POLY 3	P=0.352N	P=0.213N	P=0.021N*	P=0.207N
POLY 1.5	P=0.373N	P=0.224N	P=0.025N*	P=0.231N
POLY 6	P=0.318N	P=0.202N	P=0.016N*	P=0.174N
LOGISTIC REGRESSION	P=0.391N	P=0.201N	P=0.034N*	P=0.256N
COCH-ARM / FISHERS	P=0.390N	P=0.274N	P=0.043N*	P=0.274N
ORDER RESTRICTED	P=0.080N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.093N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Reqsted: 05/03/2006
 Time Report Reqsted: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Kidney
 Infarct**

LESION RATES

OVERALL (a)	2/50 (4%)	2/50 (4%)	1/49 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/45.91	2/48.28	1/47.55	3/47.06
POLY-3 PERCENT (g)	4.4%	4.1%	2.1%	6.4%
TERMINAL (d)	2/41 (5%)	1/43 (2%)	1/44 (2%)	3/42 (7%)
FIRST INCIDENCE	728 (T)	695	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.375	P=0.670N	P=0.475N	P=0.511
POLY 3	P=0.374	P=0.675N	P=0.488N	P=0.511
POLY 1.5	P=0.373	P=0.680N	P=0.493N	P=0.507
POLY 6	P=0.377	P=0.669N	P=0.480N	P=0.519
LOGISTIC REGRESSION	P=0.379	P=0.678N	P=0.475N	P=0.511
COCH-ARM / FISHERS	P=0.374	P=0.691N	P=0.508N	P=0.500
ORDER RESTRICTED	P=0.398	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.409	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Kidney
 Infiltration Cellular Lymphoid**

LESION RATES

OVERALL (a)	43/50 (86%)	47/50 (94%)	43/49 (88%)	44/50 (88%)
POLY-3 RATE (b)	43/47.79	47/49.46	43/48.24	44/47.53
POLY-3 PERCENT (g)	90%	95%	89.1%	92.6%
TERMINAL (d)	38/41 (93%)	42/43 (98%)	41/44 (93%)	40/42 (95%)
FIRST INCIDENCE	570	561	515	615

STATISTICAL TESTS

LIFE TABLE	P=0.495N	P=0.418	P=0.292N	P=0.594N
POLY 3	P=0.544	P=0.275	P=0.583N	P=0.464
POLY 1.5	P=0.588	P=0.253	P=0.599N	P=0.489
POLY 6	P=0.508	P=0.314	P=0.567N	P=0.451
LOGISTIC REGRESSION	P=0.507N	P=0.324	P=0.500N	P=0.639N
COCH-ARM / FISHERS	P=0.490N	P=0.159	P=0.516	P=0.500
ORDER RESTRICTED	P=0.496	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.502	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Kidney
 Metaplasia Osseous**

LESION RATES

OVERALL (a)	2/50 (4%)	4/50 (8%)	4/49 (8%)	2/50 (4%)
POLY-3 RATE (b)	2/46.15	4/48.18	4/47.55	2/47.06
POLY-3 PERCENT (g)	4.3%	8.3%	8.4%	4.3%
TERMINAL (d)	1/41 (2%)	3/43 (7%)	4/44 (9%)	2/42 (5%)
FIRST INCIDENCE	664	722	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.422N	P=0.365	P=0.373	P=0.683N
POLY 3	P=0.421N	P=0.357	P=0.351	P=0.687N
POLY 1.5	P=0.423N	P=0.353	P=0.345	P=0.689N
POLY 6	P=0.416N	P=0.363	P=0.360	P=0.682N
LOGISTIC REGRESSION	P=0.419N	P=0.353	P=0.345	P=0.691N
COCH-ARM / FISHERS	P=0.424N	P=0.339	P=0.329	P=0.691N
ORDER RESTRICTED	P=0.461N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.471N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Kidney
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	8/50 (16%)	3/49 (6%)	3/50 (6%)
POLY-3 RATE (b)	2/45.91	8/48.66	3/47.59	3/48.04
POLY-3 PERCENT (g)	4.4%	16.4%	6.3%	6.2%
TERMINAL (d)	2/41 (5%)	7/43 (16%)	2/44 (5%)	2/42 (5%)
FIRST INCIDENCE	728 (T)	575	719	163

STATISTICAL TESTS

LIFE TABLE	P=0.356N	P=0.057	P=0.534	P=0.511
POLY 3	P=0.332N	P=0.056	P=0.516	P=0.521
POLY 1.5	P=0.338N	P=0.053	P=0.509	P=0.515
POLY 6	P=0.323N	P=0.060	P=0.527	P=0.529
LOGISTIC REGRESSION	P=0.352N	P=0.050*	P=0.538	P=0.466
COCH-ARM / FISHERS	P=0.356N	P=0.046*	P=0.490	P=0.500
ORDER RESTRICTED	P=0.279	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.296	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Kidney
 Nephropathy**

LESION RATES

OVERALL (a)	14/50 (28%)	14/50 (28%)	11/49 (22%)	19/50 (38%)
POLY-3 RATE (b)	14/46.40	14/48.15	11/47.55	19/47.44
POLY-3 PERCENT (g)	30.2%	29.1%	23.1%	40.1%
TERMINAL (d)	13/41 (32%)	14/43 (33%)	11/44 (25%)	18/42 (43%)
FIRST INCIDENCE	582	728 (T)	728 (T)	619

STATISTICAL TESTS

LIFE TABLE	P=0.106	P=0.531N	P=0.253N	P=0.219
POLY 3	P=0.112	P=0.543N	P=0.296N	P=0.216
POLY 1.5	P=0.110	P=0.552N	P=0.308N	P=0.208
POLY 6	P=0.118	P=0.530N	P=0.278N	P=0.232
LOGISTIC REGRESSION	P=0.117	P=0.508N	P=0.269N	P=0.224
COCH-ARM / FISHERS	P=0.113	P=0.588N	P=0.343N	P=0.198
ORDER RESTRICTED	P=0.144	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.156	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Kidney: Renal Tubule
 Accumulation, Hyaline Droplet**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/46.33	1/48.15	1/48.02	1/47.75
POLY-3 PERCENT (g)	4.3%	2.1%	2.1%	2.1%
TERMINAL (d)	0/41 (0%)	1/43 (2%)	0/44 (0%)	0/42 (0%)
FIRST INCIDENCE	664	728 (T)	589	493

STATISTICAL TESTS

LIFE TABLE	P=0.496N	P=0.476N	P=0.474N	P=0.487N
POLY 3	P=0.500N	P=0.487N	P=0.487N	P=0.490N
POLY 1.5	P=0.501N	P=0.489N	P=0.493N	P=0.493N
POLY 6	P=0.498N	P=0.484N	P=0.480N	P=0.484N
LOGISTIC REGRESSION	P=0.496N	P=0.518N	P=0.579N	P=0.529N
COCH-ARM / FISHERS	P=0.499N	P=0.500N	P=0.508N	P=0.500N
ORDER RESTRICTED	P=0.400N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.412N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Liver
 Basophilic Focus

LESION RATES

OVERALL (a)	3/50 (6%)	1/50 (2%)	3/49 (6%)	1/50 (2%)
POLY-3 RATE (b)	3/45.91	1/48.15	3/47.55	1/47.06
POLY-3 PERCENT (g)	6.5%	2.1%	6.3%	2.1%
TERMINAL (d)	3/41 (7%)	1/43 (2%)	3/44 (7%)	1/42 (2%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.338N	P=0.288N	P=0.630N	P=0.297N
POLY 3	P=0.343N	P=0.289N	P=0.646N	P=0.297N
POLY 1.5	P=0.343N	P=0.293N	P=0.653N	P=0.300N
POLY 6	P=0.340N	P=0.283N	P=0.635N	P=0.290N
LOGISTIC REGRESSION	P=0.338N	P=0.288N	P=0.630N	P=0.297N
COCH-ARM / FISHERS	P=0.338N	P=0.309N	P=0.651	P=0.309N
ORDER RESTRICTED	P=0.236N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.247N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Liver
 Eosinophilic Focus

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/49 (4%)	12/50 (24%)
POLY-3 RATE (b)	1/45.91	0/48.15	2/47.55	12/47.06
POLY-3 PERCENT (g)	2.2%	0%	4.2%	25.5%
TERMINAL (d)	1/41 (2%)	0/43 (0%)	2/44 (5%)	12/42 (29%)
FIRST INCIDENCE	728 (T)	---	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P<0.001**	P=0.490N	P=0.525	P=0.002**
POLY 3	P<0.001**	P=0.490N	P=0.512	P<0.001**
POLY 1.5	P<0.001**	P=0.493N	P=0.507	P<0.001**
POLY 6	P<0.001**	P=0.487N	P=0.520	P<0.001**
LOGISTIC REGRESSION	P<0.001**	(e)	P=0.525	P=0.002**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.492	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Liver
 Infiltration Cellular Lymphoid

LESION RATES

OVERALL (a)	40/50 (80%)	43/50 (86%)	39/49 (80%)	42/50 (84%)
POLY-3 RATE (b)	40/47.55	43/49.11	39/48.24	42/47.52
POLY-3 PERCENT (g)	84.1%	87.6%	80.9%	88.4%
TERMINAL (d)	36/41 (88%)	39/43 (91%)	37/44 (84%)	38/42 (91%)
FIRST INCIDENCE	570	561	515	619

STATISTICAL TESTS

LIFE TABLE	P=0.459	P=0.503	P=0.253N	P=0.504
POLY 3	P=0.370	P=0.421	P=0.438N	P=0.375
POLY 1.5	P=0.395	P=0.400	P=0.465N	P=0.388
POLY 6	P=0.360	P=0.454	P=0.403N	P=0.381
LOGISTIC REGRESSION	P=0.456	P=0.486	P=0.395N	P=0.511
COCH-ARM / FISHERS	P=0.460	P=0.298	P=0.579N	P=0.398
ORDER RESTRICTED	P=0.433	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.440	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Reqsted: 05/03/2006
 Time Report Reqsted: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Liver
 Inflammation Chronic

LESION RATES

OVERALL (a)	43/50 (86%)	44/50 (88%)	43/49 (88%)	43/50 (86%)
POLY-3 RATE (b)	43/47.46	44/49.59	43/48.20	43/48.51
POLY-3 PERCENT (g)	90.6%	88.7%	89.2%	88.6%
TERMINAL (d)	40/41 (98%)	40/43 (93%)	42/44 (96%)	38/42 (91%)
FIRST INCIDENCE	561	561	515	163

STATISTICAL TESTS

LIFE TABLE	P=0.518N	P=0.492N	P=0.236N	P=0.493N
POLY 3	P=0.502N	P=0.512N	P=0.548N	P=0.508N
POLY 1.5	P=0.484N	P=0.573N	P=0.585N	P=0.521N
POLY 6	P=0.503N	P=0.409N	P=0.480N	P=0.460N
LOGISTIC REGRESSION	P=0.549N	P=0.537N	P=0.469N	P=0.580N
COCH-ARM / FISHERS	P=0.512N	P=0.500	P=0.516	P=0.613N
ORDER RESTRICTED	P=0.583N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.588N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Liver
 Pigmentation**

LESION RATES

OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.45	0/48.15	0/47.55	0/47.06
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	1/41 (2%)	0/43 (0%)	0/44 (0%)	0/42 (0%)
FIRST INCIDENCE	561	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.265N	P=0.232N	P=0.234N	P=0.239N
POLY 3	P=0.269N	P=0.229N	P=0.232N	P=0.234N
POLY 1.5	P=0.267N	P=0.231N	P=0.235N	P=0.235N
POLY 6	P=0.271N	P=0.227N	P=0.228N	P=0.232N
LOGISTIC REGRESSION	P=0.266N	P=0.271N	P=0.277N	P=0.247N
COCH-ARM / FISHERS	P=0.262N	P=0.247N	P=0.253N	P=0.247N
ORDER RESTRICTED	P=0.029N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.034N*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Liver
 Tension Lipidosis

LESION RATES

OVERALL (a)	8/50 (16%)	3/50 (6%)	6/49 (12%)	8/50 (16%)
POLY-3 RATE (b)	8/46.40	3/48.15	6/47.55	8/47.06
POLY-3 PERCENT (g)	17.2%	6.2%	12.6%	17%
TERMINAL (d)	7/41 (17%)	3/43 (7%)	6/44 (14%)	8/42 (19%)
FIRST INCIDENCE	582	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.290	P=0.089N	P=0.337N	P=0.587N
POLY 3	P=0.285	P=0.088N	P=0.368N	P=0.596N
POLY 1.5	P=0.285	P=0.090N	P=0.377N	P=0.600N
POLY 6	P=0.287	P=0.084N	P=0.355N	P=0.586N
LOGISTIC REGRESSION	P=0.297	P=0.091N	P=0.369N	P=0.586N
COCH-ARM / FISHERS	P=0.294	P=0.100N	P=0.403N	P=0.607N
ORDER RESTRICTED	P=0.355	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.365	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Liver: Bile Duct
 Cyst

LESION RATES

OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/45.91	0/48.15	0/47.55	2/47.06
POLY-3 PERCENT (g)	2.2%	0%	0%	4.3%
TERMINAL (d)	1/41 (2%)	0/43 (0%)	0/44 (0%)	2/42 (5%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.184	P=0.490N	P=0.486N	P=0.508
POLY 3	P=0.184	P=0.490N	P=0.493N	P=0.509
POLY 1.5	P=0.184	P=0.493N	P=0.496N	P=0.505
POLY 6	P=0.184	P=0.487N	P=0.488N	P=0.515
LOGISTIC REGRESSION	P=0.184	(e)	(e)	P=0.508
COCH-ARM / FISHERS	P=0.187	P=0.500N	P=0.505N	P=0.500
ORDER RESTRICTED	P=0.135	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.148	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Liver: Hepatocyte
 Vacuolization Cytoplasmic

LESION RATES

OVERALL (a)	3/50 (6%)	4/50 (8%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/46.45	4/48.18	1/47.59	1/47.45
POLY-3 PERCENT (g)	6.5%	8.3%	2.1%	2.1%
TERMINAL (d)	2/41 (5%)	3/43 (7%)	0/44 (0%)	0/42 (0%)
FIRST INCIDENCE	561	722	719	615

STATISTICAL TESTS

LIFE TABLE	P=0.169N	P=0.525	P=0.289N	P=0.302N
POLY 3	P=0.167N	P=0.520	P=0.297N	P=0.298N
POLY 1.5	P=0.168N	P=0.516	P=0.301N	P=0.301N
POLY 6	P=0.164N	P=0.526	P=0.290N	P=0.292N
LOGISTIC REGRESSION	P=0.169N	P=0.494	P=0.336N	P=0.318N
COCH-ARM / FISHERS	P=0.168N	P=0.500	P=0.316N	P=0.309N
ORDER RESTRICTED	P=0.179N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.193N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Lung
 Infiltration Cellular Lymphoid

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/49 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/45.91	0/48.15	2/47.55	1/47.06
POLY-3 PERCENT (g)	0%	0%	4.2%	2.1%
TERMINAL (d)	0/41 (0%)	0/43 (0%)	2/44 (5%)	1/42 (2%)
FIRST INCIDENCE	---	---	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.382	(e)	P=0.254	P=0.505
POLY 3	P=0.386	(e)	P=0.245	P=0.505
POLY 1.5	P=0.384	(e)	P=0.242	P=0.503
POLY 6	P=0.391	(e)	P=0.251	P=0.508
LOGISTIC REGRESSION	(e)	(e)	P=0.254	P=0.505
COCH-ARM / FISHERS	P=0.384	(e)	P=0.242	P=0.500
ORDER RESTRICTED	P=0.174	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.189	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Lung: Alveolar Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/45.91	1/48.15	0/47.55	3/47.06
POLY-3 PERCENT (g)	0%	2.1%	0%	6.4%
TERMINAL (d)	0/41 (0%)	1/43 (2%)	0/44 (0%)	3/42 (7%)
FIRST INCIDENCE	---	728 (T)	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.040*	P=0.510	(e)	P=0.125
POLY 3	P=0.041*	P=0.510	(e)	P=0.123
POLY 1.5	P=0.040*	P=0.507	(e)	P=0.122
POLY 6	P=0.041*	P=0.513	(e)	P=0.126
LOGISTIC REGRESSION	(e)	P=0.510	(e)	P=0.125
COCH-ARM / FISHERS	P=0.041*	P=0.500	(e)	P=0.121
ORDER RESTRICTED	P=0.022*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.028*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM
Lung: Bronchiole Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	42/50 (84%)	44/49 (90%)	47/50 (94%)
POLY-3 RATE (b)	0/45.91	42/48.15	44/48.20	47/48.21
POLY-3 PERCENT (g)	0%	87.2%	91.3%	97.5%
TERMINAL (d)	0/41 (0%)	42/43 (98%)	43/44 (98%)	42/42 (100%)
FIRST INCIDENCE	---	728 (T)	515	493
STATISTICAL TESTS				
LIFE TABLE	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Lymph Node, Mandibular
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	4/49 (8%)	4/50 (8%)	5/49 (10%)	3/49 (6%)
POLY-3 RATE (b)	4/45.21	4/48.15	5/48.20	3/46.12
POLY-3 PERCENT (g)	8.9%	8.3%	10.4%	6.5%
TERMINAL (d)	4/41 (10%)	4/43 (9%)	4/44 (9%)	3/42 (7%)
FIRST INCIDENCE	728 (T)	728 (T)	515	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.408N	P=0.618N	P=0.539	P=0.487N
POLY 3	P=0.415N	P=0.608N	P=0.540	P=0.489N
POLY 1.5	P=0.416N	P=0.613N	P=0.528	P=0.493N
POLY 6	P=0.410N	P=0.601N	P=0.555	P=0.482N
LOGISTIC REGRESSION	P=0.414N	P=0.618N	P=0.492	P=0.487N
COCH-ARM / FISHERS	P=0.413N	P=0.631N	P=0.500	P=0.500N
ORDER RESTRICTED	P=0.514N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.521N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Lymph Node, Mesenteric
 Hyperplasia**

LESION RATES

OVERALL (a)	1/48 (2%)	0/50 (0%)	0/48 (0%)	2/49 (4%)
POLY-3 RATE (b)	1/44.91	0/48.15	0/47.02	2/47.04
POLY-3 PERCENT (g)	2.2%	0%	0%	4.3%
TERMINAL (d)	1/40 (3%)	0/43 (0%)	0/44 (0%)	2/42 (5%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.187	P=0.486N	P=0.481N	P=0.517
POLY 3	P=0.187	P=0.486N	P=0.491N	P=0.516
POLY 1.5	P=0.187	P=0.489N	P=0.495N	P=0.512
POLY 6	P=0.187	P=0.483N	P=0.485N	P=0.523
LOGISTIC REGRESSION	P=0.187	(e)	(e)	P=0.517
COCH-ARM / FISHERS	P=0.187	P=0.490N	P=0.500N	P=0.508
ORDER RESTRICTED	P=0.140	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.153	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Lymph Node, Mesenteric
 Hyperplasia Lymphoid

LESION RATES

OVERALL (a)	4/48 (8%)	0/50 (0%)	1/48 (2%)	7/49 (14%)
POLY-3 RATE (b)	4/44.91	0/48.15	1/47.02	7/47.04
POLY-3 PERCENT (g)	8.9%	0%	2.1%	14.9%
TERMINAL (d)	4/40 (10%)	0/43 (0%)	1/44 (2%)	7/42 (17%)
FIRST INCIDENCE	728 (T)	---	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.018*	P=0.054N	P=0.152N	P=0.288
POLY 3	P=0.016*	P=0.052N	P=0.165N	P=0.288
POLY 1.5	P=0.016*	P=0.053N	P=0.171N	P=0.282
POLY 6	P=0.016*	P=0.050N*	P=0.157N	P=0.299
LOGISTIC REGRESSION	P=0.018*	(e)	P=0.152N	P=0.288
COCH-ARM / FISHERS	P=0.018*	P=0.054N	P=0.181N	P=0.274
ORDER RESTRICTED	P=0.016*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.022*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Lymph Node: Mediastinal
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/2 (0%)	0/5 (0%)	1/7 (14%)	2/7 (29%)
POLY-3 RATE (b)	0/2.00	0/4.62	1/5.59	2/6.20
POLY-3 PERCENT (g)	0%	0%	17.9%	32.3%
TERMINAL (d)	0/2 (0%)	0/3 (0%)	1/3 (33%)	2/4 (50%)
FIRST INCIDENCE	---	---	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.158	(e)	P=0.581	P=0.390
POLY 3	P=0.170	(e)	P=0.710	P=0.509
POLY 1.5	P=0.180	(e)	P=0.723	P=0.523
POLY 6	P=0.156	(e)	P=0.689	P=0.486
LOGISTIC REGRESSION	(e)	(e)	P=0.581	P=0.390
COCH-ARM / FISHERS	P=0.181	(e)	P=0.778	P=0.583
ORDER RESTRICTED	P=0.356	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.277	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Mesentery: Fat
 Necrosis

LESION RATES

OVERALL (a)	4/6 (67%)	2/3 (67%)	1/5 (20%)	1/5 (20%)
POLY-3 RATE (b)	4/5.28	2/3.00	1/4.71	1/3.91
POLY-3 PERCENT (g)	75.8%	66.7%	21.3%	25.6%
TERMINAL (d)	2/2 (100%)	1/2 (50%)	1/3 (33%)	1/3 (33%)
FIRST INCIDENCE	590	575	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.093N	P=0.293N	P=0.076N	P=0.077N
POLY 3	P=0.136N	P=0.695N	P=0.114N	P=0.182N
POLY 1.5	P=0.129N	P=0.721N	P=0.136N	P=0.176N
POLY 6	P=0.143N	P=0.646N	P=0.087N	P=0.185N
LOGISTIC REGRESSION	P=0.121N	P=0.769N	P=0.125N	P=0.147N
COCH-ARM / FISHERS	P=0.120N	P=0.762N	P=0.175N	P=0.175N
ORDER RESTRICTED	P=0.066N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.121N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Nose: Glands, Respiratory Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	6/50 (12%)	5/50 (10%)	8/49 (16%)	10/49 (20%)
POLY-3 RATE (b)	6/45.91	5/48.15	8/47.55	10/47.55
POLY-3 PERCENT (g)	13.1%	10.4%	16.8%	21%
TERMINAL (d)	6/41 (15%)	5/43 (12%)	8/44 (18%)	8/42 (19%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	493

STATISTICAL TESTS

LIFE TABLE	P=0.107	P=0.466N	P=0.442	P=0.225
POLY 3	P=0.114	P=0.467N	P=0.414	P=0.228
POLY 1.5	P=0.106	P=0.475N	P=0.402	P=0.214
POLY 6	P=0.125	P=0.455N	P=0.432	P=0.250
LOGISTIC REGRESSION	P=0.100	P=0.466N	P=0.442	P=0.197
COCH-ARM / FISHERS	P=0.100	P=0.500N	P=0.371	P=0.194
ORDER RESTRICTED	P=0.166	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.182	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Nose: Nasolacrimal Duct
 Inflammation**

LESION RATES

OVERALL (a)	2/50 (4%)	1/50 (2%)	2/49 (4%)	0/49 (0%)
POLY-3 RATE (b)	2/46.40	1/48.19	2/47.55	0/46.46
POLY-3 PERCENT (g)	4.3%	2.1%	4.2%	0%
TERMINAL (d)	1/41 (2%)	0/43 (0%)	2/44 (5%)	0/42 (0%)
FIRST INCIDENCE	582	719	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.207N	P=0.481N	P=0.672N	P=0.235N
POLY 3	P=0.215N	P=0.487N	P=0.685N	P=0.237N
POLY 1.5	P=0.215N	P=0.490N	P=0.689N	P=0.239N
POLY 6	P=0.212N	P=0.483N	P=0.679N	P=0.233N
LOGISTIC REGRESSION	P=0.214N	P=0.534N	P=0.672	P=0.251N
COCH-ARM / FISHERS	P=0.213N	P=0.500N	P=0.684	P=0.253N
ORDER RESTRICTED	P=0.155N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.166N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Nose: Respiratory Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	28/49 (57%)	45/49 (92%)
POLY-3 RATE (b)	0/45.91	0/48.15	28/47.59	45/48.94
POLY-3 PERCENT (g)	0%	0%	58.8%	92%
TERMINAL (d)	0/41 (0%)	0/43 (0%)	27/44 (61%)	39/42 (93%)
FIRST INCIDENCE	---	---	719	163

STATISTICAL TESTS

LIFE TABLE	P<0.001**	(e)	P<0.001**	P<0.001**
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**
LOGISTIC REGRESSION	P<0.001**	(e)	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Nose: Respiratory Epithelium
 Metaplasia**

LESION RATES

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/45.91	0/48.15	0/47.55	2/46.46
POLY-3 PERCENT (g)	0%	0%	0%	4.3%
TERMINAL (d)	0/41 (0%)	0/43 (0%)	0/44 (0%)	1/42 (2%)
FIRST INCIDENCE	---	---	---	727

STATISTICAL TESTS

LIFE TABLE	P=0.043*	(e)	(e)	P=0.248
POLY 3	P=0.040*	(e)	(e)	P=0.240
POLY 1.5	P=0.040*	(e)	(e)	P=0.237
POLY 6	P=0.041*	(e)	(e)	P=0.245
LOGISTIC REGRESSION	P=0.043*	(e)	(e)	P=0.253
COCH-ARM / FISHERS	P=0.041*	(e)	(e)	P=0.242
ORDER RESTRICTED	P=0.030*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.037*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Ovary
 Atrophy**

LESION RATES

OVERALL (a)	49/50 (98%)	49/50 (98%)	47/49 (96%)	47/50 (94%)
POLY-3 RATE (b)	49/49.00	49/50.00	47/48.78	47/48.32
POLY-3 PERCENT (g)	100%	98%	96.3%	97.3%
TERMINAL (d)	41/41 (100%)	42/43 (98%)	43/44 (98%)	41/42 (98%)
FIRST INCIDENCE	561	561	515	613

STATISTICAL TESTS

LIFE TABLE	P=0.331N	P=0.360N	P=0.119N	P=0.281N
POLY 3	P=0.402N	P=0.504N	P=0.266N	P=0.376N
POLY 1.5	P=0.307N	P=0.506N	P=0.252N	P=0.280N
POLY 6	P=0.472N	P=0.504N	P=0.297N	P=0.458N
LOGISTIC REGRESSION	P=0.241N	P=0.503N	P=0.222N	P=0.218N
COCH-ARM / FISHERS	P=0.189N	P=0.753N	P=0.492N	P=0.309N
ORDER RESTRICTED	P=0.196N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.208N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM
Ovary Cyst				
LESION RATES				
OVERALL (a)	15/50 (30%)	10/50 (20%)	3/49 (6%)	10/50 (20%)
POLY-3 RATE (b)	15/46.93	10/48.41	3/47.55	10/47.06
POLY-3 PERCENT (g)	32%	20.7%	6.3%	21.3%
TERMINAL (d)	12/41 (29%)	9/43 (21%)	3/44 (7%)	10/42 (24%)
FIRST INCIDENCE	561	658	728 (T)	728 (T)
STATISTICAL TESTS				
LIFE TABLE	P=0.315N	P=0.150N	P=0.002N**	P=0.164N
POLY 3	P=0.324N	P=0.153N	P<0.001N**	P=0.173N
POLY 1.5	P=0.321N	P=0.157N	P<0.001N**	P=0.174N
POLY 6	P=0.324N	P=0.148N	P<0.001N**	P=0.170N
LOGISTIC REGRESSION	P=0.311N	P=0.159N	P=0.002N**	P=0.163N
COCH-ARM / FISHERS	P=0.313N	P=0.178N	P=0.002N**	P=0.178N
ORDER RESTRICTED	P=0.016N*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.020N*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Reqsted: 05/03/2006
 Time Report Reqsted: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Pancreas
 Infiltration Cellular Lymphoid**

LESION RATES

OVERALL (a)	21/50 (42%)	23/50 (46%)	25/49 (51%)	24/50 (48%)
POLY-3 RATE (b)	21/46.78	23/48.98	25/48.20	24/47.52
POLY-3 PERCENT (g)	44.9%	47%	51.9%	50.5%
TERMINAL (d)	19/41 (46%)	20/43 (47%)	24/44 (55%)	20/42 (48%)
FIRST INCIDENCE	570	561	515	619

STATISTICAL TESTS

LIFE TABLE	P=0.376	P=0.505	P=0.384	P=0.393
POLY 3	P=0.362	P=0.501	P=0.317	P=0.367
POLY 1.5	P=0.361	P=0.481	P=0.297	P=0.358
POLY 6	P=0.373	P=0.528	P=0.345	P=0.389
LOGISTIC REGRESSION	P=0.373	P=0.483	P=0.304	P=0.386
COCH-ARM / FISHERS	P=0.375	P=0.420	P=0.243	P=0.344
ORDER RESTRICTED	P=0.430	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.440	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Pancreas
 Inflammation Chronic**

LESION RATES

OVERALL (a)	1/50 (2%)	3/50 (6%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.91	3/48.66	0/47.55	0/47.06
POLY-3 PERCENT (g)	2.2%	6.2%	0%	0%
TERMINAL (d)	1/41 (2%)	2/43 (5%)	0/44 (0%)	0/42 (0%)
FIRST INCIDENCE	728 (T)	575	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.166N	P=0.323	P=0.486N	P=0.495N
POLY 3	P=0.161N	P=0.327	P=0.493N	P=0.495N
POLY 1.5	P=0.162N	P=0.321	P=0.496N	P=0.497N
POLY 6	P=0.158N	P=0.335	P=0.488N	P=0.492N
LOGISTIC REGRESSION	P=0.167N	P=0.282	(e)	(e)
COCH-ARM / FISHERS	P=0.166N	P=0.309	P=0.505N	P=0.500N
ORDER RESTRICTED	P=0.121N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.133N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Pancreas: Acinus
 Atrophy**

LESION RATES

OVERALL (a)	1/50 (2%)	2/50 (4%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.91	2/48.15	1/47.55	0/47.06
POLY-3 PERCENT (g)	2.2%	4.2%	2.1%	0%
TERMINAL (d)	1/41 (2%)	2/43 (5%)	1/44 (2%)	0/42 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.237N	P=0.517	P=0.746N	P=0.495N
POLY 3	P=0.237N	P=0.517	P=0.753N	P=0.495N
POLY 1.5	P=0.238N	P=0.512	P=0.756N	P=0.497N
POLY 6	P=0.234N	P=0.522	P=0.747N	P=0.492N
LOGISTIC REGRESSION	P=0.237N	P=0.517	P=0.746N	(e)
COCH-ARM / FISHERS	P=0.239N	P=0.500	P=0.747	P=0.500N
ORDER RESTRICTED	P=0.231N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.243N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Pancreas: Duct
 Cyst**

LESION RATES

OVERALL (a)	1/50 (2%)	4/50 (8%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/45.91	4/48.15	1/47.55	1/47.06
POLY-3 PERCENT (g)	2.2%	8.3%	2.1%	2.1%
TERMINAL (d)	1/41 (2%)	4/43 (9%)	1/44 (2%)	1/42 (2%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.346N	P=0.194	P=0.746N	P=0.756N
POLY 3	P=0.339N	P=0.194	P=0.753N	P=0.755N
POLY 1.5	P=0.342N	P=0.190	P=0.756N	P=0.757N
POLY 6	P=0.334N	P=0.199	P=0.747N	P=0.751N
LOGISTIC REGRESSION	P=0.346N	P=0.194	P=0.746N	P=0.756N
COCH-ARM / FISHERS	P=0.346N	P=0.181	P=0.747	P=0.753N
ORDER RESTRICTED	P=0.330N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.344N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Parathyroid Gland
 Cyst**

LESION RATES

OVERALL (a)	2/39 (5%)	2/44 (5%)	1/40 (3%)	0/45 (0%)
POLY-3 RATE (b)	2/37.49	2/42.18	1/39.02	0/42.45
POLY-3 PERCENT (g)	5.3%	4.7%	2.6%	0%
TERMINAL (d)	2/35 (6%)	2/38 (5%)	1/36 (3%)	0/38 (0%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	---

STATISTICAL TESTS

LIFE TABLE	P=0.140N	P=0.665N	P=0.490N	P=0.220N
POLY 3	P=0.137N	P=0.651N	P=0.486N	P=0.209N
POLY 1.5	P=0.137N	P=0.651N	P=0.488N	P=0.209N
POLY 6	P=0.136N	P=0.652N	P=0.482N	P=0.208N
LOGISTIC REGRESSION	P=0.140N	P=0.665N	P=0.490N	(e)
COCH-ARM / FISHERS	P=0.132N	P=0.645N	P=0.490N	P=0.213N
ORDER RESTRICTED	P=0.135N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.150N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Pituitary Gland: Pars Distalis
 Hyperplasia**

LESION RATES

OVERALL (a)	7/50 (14%)	7/50 (14%)	3/49 (6%)	2/50 (4%)
POLY-3 RATE (b)	7/46.43	7/48.28	3/47.55	2/47.44
POLY-3 PERCENT (g)	15.1%	14.5%	6.3%	4.2%
TERMINAL (d)	6/41 (15%)	6/43 (14%)	3/44 (7%)	1/42 (2%)
FIRST INCIDENCE	570	695	728 (T)	619

STATISTICAL TESTS

LIFE TABLE	P=0.048N*	P=0.573N	P=0.136N	P=0.080N
POLY 3	P=0.047N*	P=0.583N	P=0.148N	P=0.074N
POLY 1.5	P=0.047N*	P=0.589N	P=0.153N	P=0.076N
POLY 6	P=0.045N*	P=0.573N	P=0.141N	P=0.070N
LOGISTIC REGRESSION	P=0.048N*	P=0.593N	P=0.157N	P=0.081N
COCH-ARM / FISHERS	P=0.048N*	P=0.613N	P=0.167N	P=0.080N
ORDER RESTRICTED	P=0.058N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.068N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Salivary Glands
 Infiltration Cellular Lymphoid**

LESION RATES

OVERALL (a)	34/50 (68%)	36/50 (72%)	34/49 (69%)	21/49 (43%)
POLY-3 RATE (b)	34/47.76	36/48.85	34/47.59	21/46.52
POLY-3 PERCENT (g)	71.2%	73.7%	71.4%	45.1%
TERMINAL (d)	29/41 (71%)	33/43 (77%)	33/44 (75%)	18/42 (43%)
FIRST INCIDENCE	582	561	719	619

STATISTICAL TESTS

LIFE TABLE	P<0.001N**	P=0.557	P=0.389N	P=0.009N**
POLY 3	P<0.001N**	P=0.481	P=0.580	P=0.007N**
POLY 1.5	P<0.001N**	P=0.479	P=0.582	P=0.007N**
POLY 6	P<0.001N**	P=0.477	P=0.576	P=0.007N**
LOGISTIC REGRESSION	P<0.001N**	P=0.533	P=0.490N	P=0.007N**
COCH-ARM / FISHERS	P<0.001N**	P=0.414	P=0.527	P=0.010N**
ORDER RESTRICTED	P=0.002N**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	7/48 (15%)	6/50 (12%)	4/49 (8%)	6/50 (12%)
POLY-3 RATE (b)	7/46.22	6/49.14	4/48.24	6/48.74
POLY-3 PERCENT (g)	15.1%	12.2%	8.3%	12.3%
TERMINAL (d)	5/41 (12%)	3/43 (7%)	2/44 (5%)	3/42 (7%)
FIRST INCIDENCE	570	575	515	163

STATISTICAL TESTS

LIFE TABLE	P=0.520N	P=0.461N	P=0.238N	P=0.484N
POLY 3	P=0.502N	P=0.453N	P=0.238N	P=0.459N
POLY 1.5	P=0.502N	P=0.460N	P=0.243N	P=0.463N
POLY 6	P=0.503N	P=0.443N	P=0.230N	P=0.454N
LOGISTIC REGRESSION	P=0.390N	P=0.569N	P=0.330N	P=0.410N
COCH-ARM / FISHERS	P=0.503N	P=0.468N	P=0.250N	P=0.468N
ORDER RESTRICTED	P=0.376N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.387N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Spleen: Lymphoid Follicle
 Hyperplasia**

LESION RATES

OVERALL (a)	14/48 (29%)	13/50 (26%)	16/49 (33%)	12/50 (24%)
POLY-3 RATE (b)	14/45.56	13/48.15	16/47.55	12/47.06
POLY-3 PERCENT (g)	30.7%	27%	33.7%	25.5%
TERMINAL (d)	13/41 (32%)	13/43 (30%)	16/44 (36%)	12/42 (29%)
FIRST INCIDENCE	631	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.370N	P=0.441N	P=0.504	P=0.382N
POLY 3	P=0.363N	P=0.433N	P=0.468	P=0.372N
POLY 1.5	P=0.364N	P=0.440N	P=0.456	P=0.376N
POLY 6	P=0.357N	P=0.424N	P=0.486	P=0.363N
LOGISTIC REGRESSION	P=0.335N	P=0.402N	P=0.513	P=0.342N
COCH-ARM / FISHERS	P=0.341N	P=0.450N	P=0.440	P=0.363N
ORDER RESTRICTED	P=0.461N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.469N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Reqsted: 05/03/2006
 Time Report Reqsted: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Stomach, Forestomach: Epithelium
 Hyperplasia**

LESION RATES

OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	2/49 (4%)
POLY-3 RATE (b)	0/45.21	0/47.19	0/47.55	2/47.04
POLY-3 PERCENT (g)	0%	0%	0%	4.3%
TERMINAL (d)	0/41 (0%)	0/43 (0%)	0/44 (0%)	2/42 (5%)
FIRST INCIDENCE	---	---	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.041*	(e)	(e)	P=0.244
POLY 3	P=0.042*	(e)	(e)	P=0.246
POLY 1.5	P=0.042*	(e)	(e)	P=0.244
POLY 6	P=0.042*	(e)	(e)	P=0.249
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.244
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
ORDER RESTRICTED	P=0.033*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.041*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Stomach, Glandular
 Mineralization**

LESION RATES

OVERALL (a)	2/50 (4%)	3/50 (6%)	3/49 (6%)	1/50 (2%)
POLY-3 RATE (b)	2/45.91	3/48.15	3/47.55	1/47.06
POLY-3 PERCENT (g)	4.4%	6.2%	6.3%	2.1%
TERMINAL (d)	2/41 (5%)	3/43 (7%)	3/44 (7%)	1/42 (2%)
FIRST INCIDENCE	728 (T)	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.299N	P=0.522	P=0.532	P=0.492N
POLY 3	P=0.298N	P=0.522	P=0.516	P=0.491N
POLY 1.5	P=0.300N	P=0.516	P=0.509	P=0.495N
POLY 6	P=0.293N	P=0.529	P=0.527	P=0.485N
LOGISTIC REGRESSION	P=0.299N	P=0.522	P=0.532	P=0.492N
COCH-ARM / FISHERS	P=0.300N	P=0.500	P=0.490	P=0.500N
ORDER RESTRICTED	P=0.343N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.355N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Thymus
 Ectopic Parathyroid Gland

LESION RATES

OVERALL (a)	8/50 (16%)	10/49 (20%)	6/49 (12%)	4/50 (8%)
POLY-3 RATE (b)	8/46.26	10/47.54	6/47.55	4/47.06
POLY-3 PERCENT (g)	17.3%	21%	12.6%	8.5%
TERMINAL (d)	7/41 (17%)	9/43 (21%)	6/44 (14%)	3/42 (7%)
FIRST INCIDENCE	631	658	728 (T)	727

STATISTICAL TESTS

LIFE TABLE	P=0.084N	P=0.444	P=0.335N	P=0.170N
POLY 3	P=0.080N	P=0.422	P=0.366N	P=0.169N
POLY 1.5	P=0.081N	P=0.411	P=0.375N	P=0.172N
POLY 6	P=0.078N	P=0.438	P=0.352N	P=0.163N
LOGISTIC REGRESSION	P=0.077N	P=0.420	P=0.353N	P=0.163N
COCH-ARM / FISHERS	P=0.081N	P=0.379	P=0.403N	P=0.178N
ORDER RESTRICTED	P=0.112N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.125N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Thymus
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	2/50 (4%)	0/49 (0%)	0/49 (0%)	5/50 (10%)
POLY-3 RATE (b)	2/45.91	0/47.28	0/47.55	5/47.06
POLY-3 PERCENT (g)	4.4%	0%	0%	10.6%
TERMINAL (d)	2/41 (5%)	0/43 (0%)	0/44 (0%)	5/42 (12%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.015*	P=0.228N	P=0.223N	P=0.226
POLY 3	P=0.014*	P=0.231N	P=0.230N	P=0.227
POLY 1.5	P=0.014*	P=0.234N	P=0.233N	P=0.223
POLY 6	P=0.014*	P=0.227N	P=0.224N	P=0.234
LOGISTIC REGRESSION	P=0.015*	(e)	(e)	P=0.226
COCH-ARM / FISHERS	P=0.016*	P=0.253N	P=0.253N	P=0.218
ORDER RESTRICTED	P=0.012*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.016*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Thyroid Gland
 Ectopic Thymus

LESION RATES

OVERALL (a)	0/48 (0%)	1/48 (2%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/44.76	1/46.21	1/47.55	2/47.06
POLY-3 PERCENT (g)	0%	2.2%	2.1%	4.3%
TERMINAL (d)	0/41 (0%)	1/43 (2%)	1/44 (2%)	2/42 (5%)
FIRST INCIDENCE	---	728 (T)	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.199	P=0.510	P=0.514	P=0.244
POLY 3	P=0.212	P=0.506	P=0.512	P=0.248
POLY 1.5	P=0.212	P=0.505	P=0.510	P=0.248
POLY 6	P=0.214	P=0.508	P=0.515	P=0.250
LOGISTIC REGRESSION (e)		P=0.510	P=0.514	P=0.244
COCH-ARM / FISHERS	P=0.211	P=0.500	P=0.505	P=0.258
ORDER RESTRICTED	P=0.128	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.140	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Thyroid Gland
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/48 (0%)	0/48 (0%)	2/49 (4%)	3/50 (6%)
POLY-3 RATE (b)	0/44.76	0/46.21	2/47.55	3/47.06
POLY-3 PERCENT (g)	0%	0%	4.2%	6.4%
TERMINAL (d)	0/41 (0%)	0/43 (0%)	2/44 (5%)	3/42 (7%)
FIRST INCIDENCE	---	---	728 (T)	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.040*	(e)	P=0.254	P=0.125
POLY 3	P=0.044*	(e)	P=0.251	P=0.128
POLY 1.5	P=0.044*	(e)	P=0.249	P=0.128
POLY 6	P=0.044*	(e)	P=0.254	P=0.129
LOGISTIC REGRESSION	(e)	(e)	P=0.254	P=0.125
COCH-ARM / FISHERS	P=0.045*	(e)	P=0.253	P=0.129
ORDER RESTRICTED	P=0.041*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.051	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Thyroid Gland: Follicle
 Cyst**

LESION RATES

OVERALL (a)	1/48 (2%)	1/48 (2%)	2/49 (4%)	3/50 (6%)
POLY-3 RATE (b)	1/44.76	1/46.21	2/48.20	3/47.06
POLY-3 PERCENT (g)	2.2%	2.2%	4.2%	6.4%
TERMINAL (d)	1/41 (2%)	1/43 (2%)	1/44 (2%)	3/42 (7%)
FIRST INCIDENCE	728 (T)	728 (T)	515	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.186	P=0.751N	P=0.516	P=0.314
POLY 3	P=0.200	P=0.753N	P=0.526	P=0.324
POLY 1.5	P=0.200	P=0.754N	P=0.521	P=0.323
POLY 6	P=0.201	P=0.752N	P=0.532	P=0.326
LOGISTIC REGRESSION	P=0.204	P=0.751N	P=0.451	P=0.314
COCH-ARM / FISHERS	P=0.201	P=0.753N	P=0.508	P=0.324
ORDER RESTRICTED	P=0.237	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.250	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Thyroid Gland: Follicle
 Degeneration**

LESION RATES

OVERALL (a)	7/48 (15%)	24/48 (50%)	24/49 (49%)	21/50 (42%)
POLY-3 RATE (b)	7/44.76	24/46.69	24/47.77	21/47.45
POLY-3 PERCENT (g)	15.6%	51.4%	50.2%	44.3%
TERMINAL (d)	7/41 (17%)	22/43 (51%)	23/44 (52%)	19/42 (45%)
FIRST INCIDENCE	728 (T)	632	671	619

STATISTICAL TESTS

LIFE TABLE	P=0.085	P<0.001**	P<0.001**	P=0.002**
POLY 3	P=0.112	P<0.001**	P<0.001**	P=0.002**
POLY 1.5	P=0.110	P<0.001**	P<0.001**	P=0.002**
POLY 6	P=0.120	P<0.001**	P<0.001**	P=0.002**
LOGISTIC REGRESSION	P=0.111	P<0.001**	P<0.001**	P=0.003**
COCH-ARM / FISHERS	P=0.119	P<0.001**	P<0.001**	P=0.002**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Thyroid Gland: Follicular Cell
 Hyperplasia**

LESION RATES

OVERALL (a)	2/48 (4%)	0/48 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	2/44.76	0/46.21	0/47.55	2/47.06
POLY-3 PERCENT (g)	4.5%	0%	0%	4.3%
TERMINAL (d)	2/41 (5%)	0/43 (0%)	0/44 (0%)	2/42 (5%)
FIRST INCIDENCE	728 (T)	---	---	728 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.373	P=0.228N	P=0.223N	P=0.686N
POLY 3	P=0.379	P=0.230N	P=0.224N	P=0.676N
POLY 1.5	P=0.380	P=0.231N	P=0.226N	P=0.677N
POLY 6	P=0.379	P=0.229N	P=0.221N	P=0.673N
LOGISTIC REGRESSION	P=0.373	(e)	(e)	P=0.686N
COCH-ARM / FISHERS	P=0.387	P=0.247N	P=0.242N	P=0.676N
ORDER RESTRICTED	P=0.252N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.265N	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

**Urinary Bladder
 Infiltration Cellular Lymphoid**

LESION RATES

OVERALL (a)	36/50 (72%)	35/50 (70%)	43/49 (88%)	42/50 (84%)
POLY-3 RATE (b)	36/47.41	35/49.33	43/48.24	42/47.86
POLY-3 PERCENT (g)	75.9%	71%	89.1%	87.8%
TERMINAL (d)	33/41 (81%)	31/43 (72%)	41/44 (93%)	38/42 (91%)
FIRST INCIDENCE	561	561	515	615

STATISTICAL TESTS

LIFE TABLE	P=0.070	P=0.360N	P=0.192	P=0.167
POLY 3	P=0.038*	P=0.371N	P=0.067	P=0.100
POLY 1.5	P=0.043*	P=0.402N	P=0.063	P=0.102
POLY 6	P=0.038*	P=0.326N	P=0.075	P=0.112
LOGISTIC REGRESSION	P=0.054	P=0.385N	P=0.094	P=0.136
COCH-ARM / FISHERS	P=0.067	P=0.500N	P=0.044*	P=0.114
ORDER RESTRICTED	P=0.036*	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.044*	(e)	(e)	(e)

TDMS No. 05174-06
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 CRESOLS
 CAS Number: 1319-77-3
 Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
 Time Report Requested: 14:36:25
 First Dose M/F: NA / 08/20/02
 Lab: BAT

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

DOSE	Females			
	0 PPM	1000 PPM	3000 PPM	10000 PPM

Uterus: Endometrium
 Hyperplasia Cystic

LESION RATES

OVERALL (a)	41/50 (82%)	46/50 (92%)	46/49 (94%)	43/50 (86%)
POLY-3 RATE (b)	41/47.73	46/49.42	46/48.45	43/47.93
POLY-3 PERCENT (g)	85.9%	93.1%	94.9%	89.7%
TERMINAL (d)	37/41 (90%)	41/43 (95%)	43/44 (98%)	38/42 (91%)
FIRST INCIDENCE	570	575	515	613

STATISTICAL TESTS

LIFE TABLE	P=0.522N	P=0.313	P=0.382	P=0.508
POLY 3	P=0.569	P=0.193	P=0.109	P=0.393
POLY 1.5	P=0.582	P=0.178	P=0.102	P=0.393
POLY 6	P=0.589	P=0.229	P=0.124	P=0.426
LOGISTIC REGRESSION	P=0.558N	P=0.229	P=0.144	P=0.468
COCH-ARM / FISHERS	P=0.524N	P=0.117	P=0.065	P=0.393
ORDER RESTRICTED	P=0.181	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.192	(e)	(e)	(e)

TDMS No. 05174-06
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
CRESOLS
CAS Number: 1319-77-3
Pathologist: BOYCE, J. - TOFT, J.

Date Report Requested: 05/03/2006
Time Report Requested: 14:36:25
First Dose M/F: NA / 08/20/02
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 ***