

TDMS No. 20006 - 02
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

INDOLE-3-CARBINOL
CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
Time Report Reqsted: 07:56:47
First Dose M/F: 09/01/04 / 09/02/04
Lab: SRI

F1_M3

C Number: C20006
Lock Date: 03/07/2006
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.7.0

TDMS No. 20006 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

INDOLE-3-CARBINOL

CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007

Time Report Reqsted: 07:56:47

First Dose M/F: 09/01/04 / 09/02/04

Lab: SRI

SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF INDOLE-3-CARBINOL

MALE MICE

Organ

Lymph Node, Mesenteric
Spleen

Morphology

Necrosis Lymphoid
Hematopoietic Cell Proliferation

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Adrenal Cortex
 Accessory Adrenal Cortical Nodule**

LESION RATES

OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	0%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	94 (T)	---	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.064N	(e)	(e)	(e)	(e)	P=0.111N
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.095N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.095N
LOGISTIC REGRESSION	P=0.064N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.059N	(e)	(e)	(e)	(e)	P=0.105N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Requested: 06/05/2007
 Time Report Requested: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Adrenal Cortex: Capsule
 Hyperplasia**

LESION RATES

OVERALL (a)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
POLY-3 RATE (b)	5/10.00	0/0.00	0/0.00	0/0.00	0/0.00	5/10.00
POLY-3 PERCENT (g)	50%	0%	0%	0%	0%	50%
TERMINAL (d)	5/10 (50%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.586	(e)	(e)	(e)	(e)	P=0.669
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.664
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.664
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.664
LOGISTIC REGRESSION	P=0.586	(e)	(e)	(e)	(e)	P=0.669
COCH-ARM / FISHERS	P=0.588	(e)	(e)	(e)	(e)	P=0.672N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Esophagus
 Inflammation Chronic**

LESION RATES

OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	30%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.594	(e)	(e)	(e)	(e)	P=0.683
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.678
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.678
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.678
LOGISTIC REGRESSION	P=0.594	(e)	(e)	(e)	(e)	P=0.683
COCH-ARM / FISHERS	P=0.596	(e)	(e)	(e)	(e)	P=0.686N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Harderian Gland
 Inflammation Chronic**

LESION RATES

OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	20%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.380	(e)	(e)	(e)	(e)	P=0.500
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
LOGISTIC REGRESSION	P=0.380	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.377	(e)	(e)	(e)	(e)	P=0.500
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Lymph Node, Mandibular
 Hyperplasia**

LESION RATES

OVERALL (a)	3/9 (33%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	3/9.00	0/0.00	0/0.00	0/0.00	0/0.00	4/10.00
POLY-3 PERCENT (g)	33.3%	0%	0%	0%	0%	40%
TERMINAL (d)	3/9 (33%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.476	(e)	(e)	(e)	(e)	P=0.568
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.566
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.566
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.566
LOGISTIC REGRESSION	P=0.476	(e)	(e)	(e)	(e)	P=0.568
COCH-ARM / FISHERS	P=0.475	(e)	(e)	(e)	(e)	P=0.570
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Lymph Node, Mandibular
 Infiltration Cellular**

LESION RATES

OVERALL (a)	4/9 (44%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	4/9.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	44.4%	0%	0%	0%	0%	30%
TERMINAL (d)	4/9 (44%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.344N	(e)	(e)	(e)	(e)	P=0.432N
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.433N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.433N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.433N
LOGISTIC REGRESSION	P=0.344N	(e)	(e)	(e)	(e)	P=0.432N
COCH-ARM / FISHERS	P=0.340N	(e)	(e)	(e)	(e)	P=0.430N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

Lymph Node, Mesenteric
 Necrosis Lymphoid

LESION RATES

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	37.5%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/8 (38%)
FIRST INCIDENCE	---	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.040*	(e)	(e)	(e)	(e)	P=0.074
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.053
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.053
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.053
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.074
COCH-ARM / FISHERS	P=0.036*	(e)	(e)	(e)	(e)	P=0.069
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Salivary Glands
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	0/10 (0%)	2/3 (67%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/3.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	66.7%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	2/3 (67%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	94 (T)	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.225N	P=0.034*	(e)	(e)	(e)	(e)
POLY 3	(e)	P=0.003**	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=0.003**	(e)	(e)	(e)	(e)
POLY 6	(e)	P=0.003**	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.034*	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.220N	P=0.038*	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Adrenal Cortex
 Accessory Adrenal Cortical Nodule**

LESION RATES

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

STATISTICAL TESTS

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

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Adrenal Cortex: Capsule
 Hyperplasia**

LESION RATES

OVERALL (a)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	100%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

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

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Esophagus
 Inflammation Chronic**

LESION RATES

OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	5/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	50%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	5/10 (50%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.127	(e)	(e)	(e)	(e)	P=0.180
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.174
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.174
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.174
LOGISTIC REGRESSION	P=0.127	(e)	(e)	(e)	(e)	P=0.180
COCH-ARM / FISHERS	P=0.121	(e)	(e)	(e)	(e)	P=0.175
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Harderian Gland
 Inflammation Chronic**

LESION RATES

OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.309	(e)	(e)	(e)	(e)	P=0.500
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Lymph Node, Mandibular
 Hyperplasia**

LESION RATES

OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	4/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	40%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.410	(e)	(e)	(e)	(e)	P=0.500
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500
LOGISTIC REGRESSION	P=0.410	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.407	(e)	(e)	(e)	(e)	P=0.500
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Lymph Node, Mandibular
 Infiltration Cellular**

LESION RATES

OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	30%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.594	(e)	(e)	(e)	(e)	P=0.683
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.678
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.678
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.678
LOGISTIC REGRESSION	P=0.594	(e)	(e)	(e)	(e)	P=0.683
COCH-ARM / FISHERS	P=0.596	(e)	(e)	(e)	(e)	P=0.686N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Requested: 06/05/2007
 Time Report Requested: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

Lymph Node, Mesenteric
 Necrosis Lymphoid

LESION RATES

OVERALL (a)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/9.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	94 (T)	---	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.413N	P=0.500N	P=0.521N	P=0.500N	P=0.500N	P=0.500N
POLY 3	P=0.413N	P=0.500N	P=0.521N	P=0.500N	P=0.500N	P=0.500N
POLY 1.5	P=0.413N	P=0.500N	P=0.521N	P=0.500N	P=0.500N	P=0.500N
POLY 6	P=0.413N	P=0.500N	P=0.521N	P=0.500N	P=0.500N	P=0.500N
LOGISTIC REGRESSION	P=0.413N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.412N	P=0.500N	P=0.526N	P=0.500N	P=0.500N	P=0.500N
ORDER RESTRICTED	P=0.065N	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.076N	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Salivary Glands
 Hyperplasia Lymphoid**

LESION RATES

OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	2/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	20%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

STATISTICAL TESTS

LIFE TABLE	P=0.607	(e)	(e)	(e)	(e)	P=0.707
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.702
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.702
LOGISTIC REGRESSION	P=0.607	(e)	(e)	(e)	(e)	P=0.707
COCH-ARM / FISHERS	P=0.610	(e)	(e)	(e)	(e)	P=0.709N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 INDOLE-3-CARBINOL
 CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007
 Time Report Reqsted: 07:56:47
 First Dose M/F: 09/01/04 / 09/02/04
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	15.6 MG/KG	31.25 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG

**Spleen
 Hematopoietic Cell Proliferation**

LESION RATES

OVERALL (a)	2/10 (20%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	1/1.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	100%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	94 (T)	94 (T)	---	---	---	---

STATISTICAL TESTS

LIFE TABLE	P=0.084N	P=0.305	(e)	(e)	(e)	P=0.234N
POLY 3	(e)	P=0.286	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	P=0.286	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	P=0.286	(e)	(e)	(e)	P=0.227N
LOGISTIC REGRESSION	P=0.084N	P=0.305	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.079N	P=0.273	(e)	(e)	(e)	P=0.237N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 02

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

INDOLE-3-CARBINOL

CAS Number: 700-06-1

Date Report Reqsted: 06/05/2007

Time Report Reqsted: 07:56:47

First Dose M/F: 09/01/04 / 09/02/04

Lab: SRI

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (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 ***