

**TDMS No.** 20006 - 01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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

**Date Report Reqsted:** 06/04/2007  
**Time Report Reqsted:** 16:29:44  
**First Dose M/F:** 08/31/04 / 08/30/04  
**Lab:** SRI

F1\_R2

**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

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

### MALE RATS

#### Organ

Intestine Small, Duodenum: Lamina Propria  
Intestine Small, Duodenum: Lymphatic  
Intestine Small, Jejunum: Lamina Propria  
Intestine Small, Jejunum: Lymphatic  
Liver  
Lymph Node, Mesenteric  
Lymph Node, Mesenteric: Lymphatic

#### Morphology

Lipidosis  
Ectasia  
Lipidosis  
Ectasia  
Hemorrhage  
Lipidosis  
Ectasia

### FEMALE RATS

#### Organ

Intestine Small, Duodenum: Lamina Propria  
Intestine Small, Duodenum: Lymphatic  
Intestine Small, Jejunum: Lamina Propria  
Intestine Small, Jejunum: Lymphatic  
Lymph Node, Mesenteric  
Lymph Node, Mesenteric: Lymphatic

#### Morphology

Lipidosis  
Ectasia  
Lipidosis  
Ectasia  
Lipidosis  
Ectasia

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Adrenal Cortex  
 Accessory Adrenal Cortical Nodule**

**LESION RATES**

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

**STATISTICAL TESTS**

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Heart  
 Cardiomyopathy**

**LESION RATES**

OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	30%
TERMINAL (d)	1/10 (10%)	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=0.207	(e)	(e)	(e)	(e)	P=0.293
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.292
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.292
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.292
LOGISTIC REGRESSION	P=0.207	(e)	(e)	(e)	(e)	P=0.293
COCH-ARM / FISHERS	P=0.201	(e)	(e)	(e)	(e)	P=0.291
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Heart  
 Infiltration Cellular Mixed Cell

**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)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Intestine Small, Duodenum: Lamina Propria  
 Lipidosis

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 3	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.500	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Intestine Small, Duodenum: Lymphatic  
 Ectasia

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 3	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.500	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

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DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Intestine Small, Jejunum: Lamina Propria  
 Lipidosis

**LESION RATES**

OVERALL (a)	0/10 (0%)	1/9 (11%)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/9.00	1/10.00	5/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	11.1%	10%	50%	100%	100%
TERMINAL (d)	0/10 (0%)	1/9 (11%)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	94 (T)	94 (T)	94 (T)	94 (T)	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.479	P=0.500	P=0.022*	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.479	P=0.500	P=0.008**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.479	P=0.500	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.479	P=0.500	P=0.008**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	P=0.479	P=0.500	P=0.022*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.474	P=0.500	P=0.016*	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)



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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Intestine Small, Jejunum: Lymphatic  
 Ectasia**

**LESION RATES**

OVERALL (a)	0/10 (0%)	1/9 (11%)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/9.00	1/10.00	5/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	11.1%	10%	50%	100%	100%
TERMINAL (d)	0/10 (0%)	1/9 (11%)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	94 (T)	94 (T)	94 (T)	94 (T)	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.479	P=0.500	P=0.022*	P<0.001**	P<0.001**
POLY 3	P<0.001**	P=0.479	P=0.500	P=0.008**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.479	P=0.500	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.479	P=0.500	P=0.008**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	P=0.479	P=0.500	P=0.022*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.474	P=0.500	P=0.016*	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Kidney  
 Nephropathy**

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.138	(e)	(e)	(e)	(e)	P=0.234
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.234
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver  
 Hemorrhage

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.211N	P=0.234N	P=0.234N	P=0.500N	P=0.234N	P=0.234N
POLY 3	P=0.206N	P=0.227N	P=0.227N	P=0.500N	P=0.227N	P=0.227N
POLY 1.5	P=0.206N	P=0.227N	P=0.227N	P=0.500N	P=0.227N	P=0.227N
POLY 6	P=0.206N	P=0.227N	P=0.227N	P=0.500N	P=0.227N	P=0.227N
LOGISTIC REGRESSION	P=0.211N	(e)	(e)	P=0.500N	(e)	(e)
COCH-ARM / FISHERS	P=0.209N	P=0.237N	P=0.237N	P=0.500N	P=0.237N	P=0.237N
ORDER RESTRICTED	P=0.027N*	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.033N*	(e)	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver  
 Hepatodiaphragmatic Nodule

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.483N	(e)	P=0.500	P=0.500	(e)	(e)
POLY 3	P=0.483N	(e)	P=0.500	P=0.500	(e)	(e)
POLY 1.5	P=0.483N	(e)	P=0.500	P=0.500	(e)	(e)
POLY 6	P=0.483N	(e)	P=0.500	P=0.500	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	P=0.500	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.483N	(e)	P=0.500	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.495	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.496N	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver  
 Infiltration Cellular Mixed Cell

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 3	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.107	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.107	(e)	(e)	(e)	(e)	P=0.500
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.065	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.074	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver: Hepatocyte  
 Vacuolization Cytoplasmic

**LESION RATES**

OVERALL (a)	4/10 (40%)	4/10 (40%)	2/10 (20%)	4/10 (40%)	2/10 (20%)	2/10 (20%)
POLY-3 RATE (b)	4/10.00	4/10.00	2/10.00	4/10.00	2/10.00	2/10.00
POLY-3 PERCENT (g)	40%	40%	20%	40%	20%	20%
TERMINAL (d)	4/10 (40%)	4/10 (40%)	2/10 (20%)	4/10 (40%)	2/10 (20%)	2/10 (20%)
FIRST INCIDENCE	94 (T)	94 (T)	94 (T)	94 (T)	94 (T)	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.194N	P=0.672	P=0.317N	P=0.672	P=0.317N	P=0.317N
POLY 3	P=0.198N	P=0.667	P=0.318N	P=0.667	P=0.318N	P=0.318N
POLY 1.5	P=0.198N	P=0.667	P=0.318N	P=0.667	P=0.318N	P=0.318N
POLY 6	P=0.198N	P=0.667	P=0.318N	P=0.667	P=0.318N	P=0.318N
LOGISTIC REGRESSION	P=0.194N	P=0.672	P=0.317N	P=0.672	P=0.317N	P=0.317N
COCH-ARM / FISHERS	P=0.192N	P=0.675N	P=0.314N	P=0.675N	P=0.314N	P=0.314N
ORDER RESTRICTED	P=0.310N	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.315N	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Lung  
 Inflammation Chronic

**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 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Requested: 06/04/2007  
 Time Report Requested: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Lymph Node, Mesenteric  
 Lipidosis**

**LESION RATES**

OVERALL (a)	0/7 (0%)	2/10 (20%)	1/9 (11%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
POLY-3 RATE (b)	0/7.00	2/10.00	1/9.00	0/10.00	5/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	11.1%	0%	50%	100%
TERMINAL (d)	0/7 (0%)	2/10 (20%)	1/9 (11%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
FIRST INCIDENCE	---	94 (T)	94 (T)	---	94 (T)	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.316	P=0.550	(e)	P=0.051	P<0.001**
POLY 3	P<0.001**	P=0.313	P=0.550	(e)	P=0.030*	P<0.001**
POLY 1.5	P<0.001**	P=0.313	P=0.550	(e)	P=0.030*	P<0.001**
POLY 6	P<0.001**	P=0.313	P=0.550	(e)	P=0.030*	P<0.001**
LOGISTIC REGRESSION	(e)	P=0.316	P=0.550	(e)	P=0.051	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.331	P=0.563	(e)	P=0.041*	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)



TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Lymph Node, Mesenteric: Lymphatic  
 Ectasia**

**LESION RATES**

OVERALL (a)	0/7 (0%)	2/10 (20%)	1/9 (11%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
POLY-3 RATE (b)	0/7.00	2/10.00	1/9.00	0/10.00	5/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	11.1%	0%	50%	100%
TERMINAL (d)	0/7 (0%)	2/10 (20%)	1/9 (11%)	0/10 (0%)	5/10 (50%)	10/10 (100%)
FIRST INCIDENCE	---	94 (T)	94 (T)	---	94 (T)	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	P=0.316	P=0.550	(e)	P=0.051	P<0.001**
POLY 3	P<0.001**	P=0.313	P=0.550	(e)	P=0.030*	P<0.001**
POLY 1.5	P<0.001**	P=0.313	P=0.550	(e)	P=0.030*	P<0.001**
POLY 6	P<0.001**	P=0.313	P=0.550	(e)	P=0.030*	P<0.001**
LOGISTIC REGRESSION	(e)	P=0.316	P=0.550	(e)	P=0.051	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.331	P=0.563	(e)	P=0.041*	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Pancreas  
 Atrophy**

**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 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Spleen  
 Pigmentation**

**LESION RATES**

OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	10%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	94 (T)	---	---	---	---	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.207N	(e)	(e)	(e)	(e)	P=0.293N
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.292N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.292N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.292N
LOGISTIC REGRESSION	P=0.207N	(e)	(e)	(e)	(e)	P=0.293N
COCH-ARM / FISHERS	P=0.201N	(e)	(e)	(e)	(e)	P=0.291N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Adrenal Cortex  
 Accessory Adrenal Cortical Nodule**

**LESION RATES**

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

**STATISTICAL TESTS**

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

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Heart  
 Cardiomyopathy**

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.138N	(e)	(e)	(e)	(e)	P=0.234N
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227N
LOGISTIC REGRESSION	P=0.138N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.132N	(e)	(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 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Heart  
 Infiltration Cellular Mixed Cell

**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 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Intestine Small, Duodenum: Lamina Propria  
 Lipidosis

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	94 (T)	94 (T)

**STATISTICAL TESTS**

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

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Requested: 06/04/2007  
 Time Report Requested: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Intestine Small, Duodenum: Lymphatic  
 Ectasia

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	94 (T)	94 (T)

**STATISTICAL TESTS**

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



TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Requested: 06/04/2007  
 Time Report Requested: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Intestine Small, Jejunum: Lamina Propria  
 Lipidosis

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Requested: 06/04/2007  
 Time Report Requested: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Intestine Small, Jejunum: Lymphatic  
 Ectasia**

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 3	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Kidney  
 Nephropathy**

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.138	(e)	(e)	(e)	(e)	P=0.234
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.234
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver  
 Hemorrhage

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.697N	(e)	(e)	P=0.500	(e)	(e)
POLY 3	P=0.697N	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.697N	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.697N	(e)	(e)	P=0.500	(e)	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.699N	(e)	(e)	P=0.500	(e)	(e)
ORDER RESTRICTED	P=0.516	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.516	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver  
 Hepatodiaphragmatic Nodule

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.479	(e)	(e)	P=0.500	P=0.234	(e)
POLY 3	P=0.478	(e)	(e)	P=0.500	P=0.227	(e)
POLY 1.5	P=0.478	(e)	(e)	P=0.500	P=0.227	(e)
POLY 6	P=0.478	(e)	(e)	P=0.500	P=0.227	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.500	P=0.234	(e)
COCH-ARM / FISHERS	P=0.478	(e)	(e)	P=0.500	P=0.237	(e)
ORDER RESTRICTED	P=0.266	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.274	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver  
 Infiltration Cellular Mixed Cell

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.209N	P=0.500N	P=0.707	P=0.234N	P=0.707	P=0.234N
POLY 3	P=0.209N	P=0.500N	P=0.702	P=0.227N	P=0.702	P=0.227N
POLY 1.5	P=0.209N	P=0.500N	P=0.702	P=0.227N	P=0.702	P=0.227N
POLY 6	P=0.209N	P=0.500N	P=0.702	P=0.227N	P=0.702	P=0.227N
LOGISTIC REGRESSION	P=0.209N	P=0.500N	P=0.707	(e)	P=0.707	(e)
COCH-ARM / FISHERS	P=0.207N	P=0.500N	P=0.709N	P=0.237N	P=0.709N	P=0.237N
ORDER RESTRICTED	P=0.143N	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.153N	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

Liver: Hepatocyte  
 Vacuolization Cytoplasmic

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (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 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Lung  
 Inflammation Chronic**

**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 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Lymph Node, Mesenteric  
 Lipidosis**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	3/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	30%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	94 (T)	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.111	P<0.001**
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	P=0.111	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.105	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Lymph Node, Mesenteric: Lymphatic Ectasia**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	3/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	30%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	94 (T)	94 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.111	P<0.001**
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	P=0.111	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.105	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Pancreas  
 Atrophy**

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	P=0.138	(e)	(e)	(e)	(e)	P=0.234
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.234
COCH-ARM / FISHERS	P=0.132	(e)	(e)	(e)	(e)	P=0.237
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
 Time Report Reqsted: 16:29:44  
 First Dose M/F: 08/31/04 / 08/30/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG	300 MG/KG

**Spleen  
 Pigmentation**

**LESION RATES**

OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	4/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	40%
TERMINAL (d)	2/10 (20%)	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=0.238	(e)	(e)	(e)	(e)	P=0.317
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.318
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.318
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.318
LOGISTIC REGRESSION	P=0.238	(e)	(e)	(e)	(e)	P=0.317
COCH-ARM / FISHERS	P=0.232	(e)	(e)	(e)	(e)	P=0.314
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 20006 - 01  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: RATS/F 344

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

Date Report Reqsted: 06/04/2007  
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First Dose M/F: 08/31/04 / 08/30/04  
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 \*\*\*