

**Experiment Number:** 20006 - 04  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

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

Indole-3-carbinol  
**CAS Number:** 700-06-1

**Date Report Requested:** 06/15/2012  
**Time Report Requested:** 12:41:18  
**First Dose M/F:** 04/03/07 / 04/02/07  
**Lab:** BAT

F1\_M3

**NTP Study Number:** C20006B  
**Lock Date:** 03/08/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 2.6.0.0\_007  
**PWG Approval Date:** NONE

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

### MALE MICE

#### Organ

Adrenal Cortex  
Epididymis  
Kidney

Kidney: Renal Tubule  
Liver

Lung: Alveolar Epithelium  
Lymph Node, Mesenteric  
Mesentery: Fat  
Nose  
Nose: Nerve  
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium

Pancreas  
Preputial Gland

Spleen: Lymphoid Follicle  
Stomach, Forestomach

Stomach, Glandular

Stomach, Glandular: Epithelium

#### Morphology

Hypertrophy  
Infiltration Cellular Mononuclear Cell  
Infarct  
Nephropathy  
Pigmentation  
Clear Cell Focus  
Fatty Change  
Mixed Cell Focus  
Hyperplasia  
Hyperplasia Lymphoid  
Necrosis  
Foreign Body  
Atrophy  
Atrophy  
Metaplasia  
Necrosis  
Respiratory Metaplasia  
Accumulation, Hyaline Droplet  
Hyperplasia  
Necrosis  
Inflammation Chronic  
Cyst  
Inflammation  
Atrophy  
Inflammation Chronic  
Ulcer  
Inflammation Chronic  
Mineralization  
Pigmentation  
Hyperplasia

### FEMALE MICE

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Species/Strain: MICE/B6C3F1

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Lab: BAT

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

**Organ**

Bone  
Brain: Hypothalamus  
Harderian Gland

Islets, Pancreatic  
Kidney

Liver

Nose  
Nose: Nerve  
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium

Ovary  
Pituitary Gland: Pars Distalis  
Spleen  
Spleen: Lymphoid Follicle  
Stomach, Forestomach  
Stomach, Glandular

Stomach, Glandular: Epithelium  
Urinary Bladder  
Uterus

**Morphology**

Fibro-osseous Lesion  
Compression  
Dilatation  
Hyperplasia  
Infiltration Cellular Mononuclear Cell  
Hyperplasia  
Infarct  
Mineralization  
Eosinophilic Focus  
Hematopoietic Cell Proliferation  
Inflammation  
Atrophy  
Accumulation, Hyaline Droplet  
Atrophy  
Degeneration  
Respiratory Metaplasia  
Accumulation, Hyaline Droplet  
Hyperplasia  
Cyst  
Hyperplasia  
Hematopoietic Cell Proliferation  
Hyperplasia  
Ulcer  
Inflammation Chronic  
Pigmentation  
Hyperplasia  
Infiltration Cellular Mononuclear Cell  
Inflammation Chronic

Experiment Number: 20006 - 04  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Adrenal Cortex Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	4/50 (8%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	4/45.18	2/43.59	0/43.47
POLY-3 PERCENT (g)	0%	8.9%	4.6%	0%
TERMINAL (d)	0/26 (0%)	2/31 (7%)	2/32 (6%)	0/32 (0%)
FIRST INCIDENCE	---	692	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.283N	P=0.078	P=0.258	(e)
POLY 1.5	P=0.303N	P=0.071	P=0.249	(e)
POLY 6	P=0.262N	P=0.086	P=0.267	(e)
COCH-ARM / FISHERS	P=0.337N	P=0.059	P=0.247	(e)
MAX-ISO-POLY-3	P=0.214N	P=0.034*	P=0.096	(e)

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Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Adrenal Cortex</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	2/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/26 (0%)	2/31 (7%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.368N	P=0.266	(e)	(e)
POLY 1.5	P=0.383N	P=0.254	(e)	(e)
POLY 6	P=0.354N	P=0.276	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.276N	P=0.103	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	2/39.76	0/44.97	1/43.59	2/43.47
POLY-3 PERCENT (g)	5%	0%	2.3%	4.6%
TERMINAL (d)	2/26 (8%)	0/31 (0%)	1/32 (3%)	2/32 (6%)
FIRST INCIDENCE	730 (T)	---	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.467	P=0.211N	P=0.468N	P=0.662N
POLY 1.5	P=0.468	P=0.221N	P=0.482N	P=0.675N
POLY 6	P=0.467	P=0.201N	P=0.454N	P=0.647N
COCH-ARM / FISHERS	P=0.469	P=0.247N	P=0.500N	P=0.691N
MAX-ISO-POLY-3	P=0.390N	P=0.075N	P=0.263N	P=0.464N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Bone</b>				
<b>Fibro-osseous Lesion</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Brain: Hypothalamus  
Compression

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**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Epididymis</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	6/50 (12%)	3/50 (6%)	5/50 (10%)
POLY-3 RATE (b)	1/39.76	6/45.18	3/43.59	5/43.69
POLY-3 PERCENT (g)	2.5%	13.3%	6.9%	11.4%
TERMINAL (d)	1/26 (4%)	4/31 (13%)	3/32 (9%)	4/32 (13%)
FIRST INCIDENCE	730 (T)	692	730 (T)	671
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.237	P=0.079	P=0.339	P=0.124
POLY 1.5	P=0.219	P=0.069	P=0.324	P=0.114
POLY 6	P=0.258	P=0.089	P=0.353	P=0.135
COCH-ARM / FISHERS	P=0.194	P=0.056	P=0.309	P=0.102
MAX-ISO-POLY-3	P=0.137	P=0.044*	P=0.188	P=0.065

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Epididymis Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	2/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	4.5%	0%	0%
TERMINAL (d)	0/26 (0%)	2/31 (7%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.368N	P=0.266	(e)	(e)
POLY 1.5	P=0.383N	P=0.254	(e)	(e)
POLY 6	P=0.354N	P=0.276	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.276N	P=0.103	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Eye: Cornea				
Inflammation Chronic				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	2/40.72	3/44.97	2/44.09	1/44.25
POLY-3 PERCENT (g)	4.9%	6.7%	4.5%	2.3%
TERMINAL (d)	0/26 (0%)	3/31 (10%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	463	730 (T)	580	437
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.287N	P=0.545	P=0.665N	P=0.471N
POLY 1.5	P=0.297N	P=0.528	P=0.678N	P=0.482N
POLY 6	P=0.277N	P=0.560	P=0.653N	P=0.460N
COCH-ARM / FISHERS	P=0.313N	P=0.500	P=0.691N	P=0.500N
MAX-ISO-POLY-3	P=0.371N	P=0.370	P=0.468N	P=0.264N

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Harderian Gland Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Harderian Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	4/50 (8%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	1/40.12	4/45.16	5/43.65	3/44.59
POLY-3 PERCENT (g)	2.5%	8.9%	11.5%	6.7%
TERMINAL (d)	0/26 (0%)	3/31 (10%)	4/32 (13%)	1/32 (3%)
FIRST INCIDENCE	629	682	716	437
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.394	P=0.216	P=0.121	P=0.344
POLY 1.5	P=0.369	P=0.202	P=0.112	P=0.329
POLY 6	P=0.420	P=0.231	P=0.129	P=0.360
COCH-ARM / FISHERS	P=0.331	P=0.181	P=0.102	P=0.309
MAX-ISO-POLY-3	P=0.227	P=0.120	P=0.062	P=0.193

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Harderian Gland Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	11/50 (22%)	7/50 (14%)	18/50 (36%)	8/50 (16%)
POLY-3 RATE (b)	11/40.65	7/44.97	18/45.59	8/44.98
POLY-3 PERCENT (g)	27.1%	15.6%	39.5%	17.8%
TERMINAL (d)	7/26 (27%)	7/31 (23%)	12/32 (38%)	4/32 (13%)
FIRST INCIDENCE	610	730 (T)	567	495
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.365N	P=0.148N	P=0.158	P=0.220N
POLY 1.5	P=0.400N	P=0.172N	P=0.125	P=0.252N
POLY 6	P=0.325N	P=0.131N	P=0.200	P=0.189N
COCH-ARM / FISHERS	P=0.454N	P=0.218N	P=0.093	P=0.306N
MAX-ISO-POLY-3	P=0.260N	P=0.105N	P=0.122	P=0.162N

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Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Heart: Myocardium Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	3/50 (6%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/39.76	3/45.45	0/43.59	1/44.15
POLY-3 PERCENT (g)	0%	6.6%	0%	2.3%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	658	---	495
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.590N	P=0.144	(e)	P=0.521
POLY 1.5	P=0.608N	P=0.134	(e)	P=0.513
POLY 6	P=0.571N	P=0.156	(e)	P=0.530
COCH-ARM / FISHERS	P=0.634	P=0.121	(e)	P=0.500
MAX-ISO-POLY-3	P=0.315	P=0.060	(e)	P=0.184

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/40.39	0/44.97	1/43.59	0/43.47
POLY-3 PERCENT (g)	2.5%	0%	2.3%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	525	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Kidney Infarct				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/39.95	2/45.03	0/43.59	0/43.47
POLY-3 PERCENT (g)	7.5%	4.4%	0%	0%
TERMINAL (d)	2/26 (8%)	1/31 (3%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	680	716	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.037N*	P=0.446N	P=0.103N	P=0.104N
POLY 1.5	P=0.037N*	P=0.466N	P=0.110N	P=0.110N
POLY 6	P=0.036N*	P=0.427N	P=0.098N	P=0.098N
COCH-ARM / FISHERS	P=0.039N*	P=0.500N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.040N*	P=0.288N	P=0.037N*	P=0.037N*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney</b>				
<b>Inflammation Acute</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	2/45.52	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	4.4%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	582	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.367N	P=0.268	(e)	(e)
POLY 1.5	P=0.382N	P=0.256	(e)	(e)
POLY 6	P=0.352N	P=0.281	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.279N	P=0.105	(e)	(e)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	8/50 (16%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	4/40.98	8/45.71	1/43.59	2/43.47
POLY-3 PERCENT (g)	9.8%	17.5%	2.3%	4.6%
TERMINAL (d)	2/26 (8%)	2/31 (7%)	1/32 (3%)	2/32 (6%)
FIRST INCIDENCE	465	658	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.076N	P=0.233	P=0.160N	P=0.310N
POLY 1.5	P=0.082N	P=0.210	P=0.168N	P=0.321N
POLY 6	P=0.071N	P=0.259	P=0.152N	P=0.298N
COCH-ARM / FISHERS	P=0.094N	P=0.178	P=0.181N	P=0.339N
MAX-ISO-POLY-3	P=0.077N	P=0.162	P=0.078N	P=0.186N

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney</b>				
<b>Nephropathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	42/50 (84%)	50/50 (100%)	45/50 (90%)	43/50 (86%)
POLY-3 RATE (b)	42/45.86	50/50.00	45/47.18	43/46.92
POLY-3 PERCENT (g)	91.6%	100%	95.4%	91.7%
TERMINAL (d)	26/26 (100%)	31/31 (100%)	32/32 (100%)	32/32 (100%)
FIRST INCIDENCE	354	381	580	437
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.306N	P=0.016*	P=0.342	P=0.673
POLY 1.5	P=0.345N	P=0.007**	P=0.259	P=0.581
POLY 6	P=0.259N	P=0.084	P=0.557	P=0.657N
COCH-ARM / FISHERS	P=0.375N	P=0.003**	P=0.277	P=0.500
MAX-ISO-POLY-3	P=0.198N	P=0.003**	P=0.177	P=0.493

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney: Pelvis Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/40.76	2/44.97	1/43.64	0/43.47
POLY-3 PERCENT (g)	4.9%	4.5%	2.3%	0%
TERMINAL (d)	0/26 (0%)	2/31 (7%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	519	730 (T)	717	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.119N	P=0.658N	P=0.476N	P=0.223N
POLY 1.5	P=0.122N	P=0.671N	P=0.487N	P=0.228N
POLY 6	P=0.116N	P=0.647N	P=0.467N	P=0.218N
COCH-ARM / FISHERS	P=0.125N	P=0.691N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.159N	P=0.461N	P=0.267N	P=0.075N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney: Renal Tubule Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	3/50 (6%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	1/39.76	3/45.24	2/43.59	2/43.47
POLY-3 PERCENT (g)	2.5%	6.6%	4.6%	4.6%
TERMINAL (d)	1/26 (4%)	1/31 (3%)	2/32 (6%)	2/32 (6%)
FIRST INCIDENCE	730 (T)	682	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.540	P=0.353	P=0.532	P=0.531
POLY 1.5	P=0.524	P=0.334	P=0.518	P=0.519
POLY 6	P=0.556	P=0.372	P=0.546	P=0.545
COCH-ARM / FISHERS	P=0.500	P=0.309	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.461	P=0.202	P=0.315	P=0.314

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney: Renal Tubule Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	1/39.77	1/44.97	1/44.01	5/43.62
POLY-3 PERCENT (g)	2.5%	2.2%	2.3%	11.5%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	0/32 (0%)	4/32 (13%)
FIRST INCIDENCE	728	730 (T)	610	690
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.026*	P=0.733N	P=0.738N	P=0.123
POLY 1.5	P=0.026*	P=0.744N	P=0.748N	P=0.114
POLY 6	P=0.027*	P=0.722N	P=0.727N	P=0.134
COCH-ARM / FISHERS	P=0.025*	P=0.753N	P=0.753N	P=0.102
MAX-ISO-POLY-3	P=0.040*	P=0.466N	P=0.471N	P=0.064



Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	4/50 (8%)	2/49 (4%)	5/50 (10%)
POLY-3 RATE (b)	2/40.66	4/45.50	2/43.51	5/44.68
POLY-3 PERCENT (g)	4.9%	8.8%	4.6%	11.2%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	0/32 (0%)	1/32 (3%)
FIRST INCIDENCE	546	630	598	596
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.235	P=0.390	P=0.670N	P=0.256
POLY 1.5	P=0.222	P=0.370	P=0.684N	P=0.239
POLY 6	P=0.250	P=0.410	P=0.655N	P=0.275
COCH-ARM / FISHERS	P=0.205	P=0.339	P=0.684	P=0.218
MAX-ISO-POLY-3	P=0.242	P=0.254	P=0.472N	P=0.158

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Liver</b>				
<b>Clear Cell Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	17/50 (34%)	22/49 (45%)	20/50 (40%)
POLY-3 RATE (b)	7/40.51	17/45.37	22/43.42	20/44.77
POLY-3 PERCENT (g)	17.3%	37.5%	50.7%	44.7%
TERMINAL (d)	6/26 (23%)	16/31 (52%)	21/32 (66%)	15/32 (47%)
FIRST INCIDENCE	463	616	580	586
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.010**	P=0.030*	P<0.001**	P=0.005**
POLY 1.5	P=0.007**	P=0.023*	P<0.001**	P=0.004**
POLY 6	P=0.015*	P=0.037*	P<0.001**	P=0.007**
COCH-ARM / FISHERS	P=0.006**	P=0.017*	P<0.001**	P=0.003**
MAX-ISO-POLY-3	P=0.004**	P=0.022*	P<0.001**	P=0.003**

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver				
Eosinophilic Focus				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	29/50 (58%)	35/50 (70%)	35/49 (71%)	33/50 (66%)
POLY-3 RATE (b)	29/41.75	35/47.73	35/44.23	33/45.63
POLY-3 PERCENT (g)	69.5%	73.3%	79.1%	72.3%
TERMINAL (d)	20/26 (77%)	25/31 (81%)	28/32 (88%)	26/32 (81%)
FIRST INCIDENCE	501	573	617	495
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.442	P=0.429	P=0.197	P=0.475
POLY 1.5	P=0.381	P=0.289	P=0.146	P=0.378
POLY 6	P=0.511	P=0.604N	P=0.273	P=0.598
COCH-ARM / FISHERS	P=0.301	P=0.149	P=0.117	P=0.268
MAX-ISO-POLY-3	P=0.411	P=0.344	P=0.138	P=0.380

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver Fatty Change				
<b>LESION RATES</b>				
OVERALL (a)	29/50 (58%)	27/50 (54%)	28/49 (57%)	37/50 (74%)
POLY-3 RATE (b)	29/45.45	27/47.84	28/44.73	37/47.96
POLY-3 PERCENT (g)	63.8%	56.4%	62.6%	77.2%
TERMINAL (d)	19/26 (73%)	19/31 (61%)	24/32 (75%)	26/32 (81%)
FIRST INCIDENCE	354	381	437	385
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.041*	P=0.299N	P=0.541N	P=0.106
POLY 1.5	P=0.037*	P=0.347N	P=0.556N	P=0.087
POLY 6	P=0.047*	P=0.250N	P=0.529N	P=0.137
COCH-ARM / FISHERS	P=0.036*	P=0.420N	P=0.547N	P=0.069
MAX-ISO-POLY-3	P=0.061	P=0.235N	P=0.449N	P=0.073

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Liver</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/42.93	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver Hemorrhage				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/42.93	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver				
Mixed Cell Focus				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	6/50 (12%)	6/49 (12%)	5/50 (10%)
POLY-3 RATE (b)	1/39.76	6/45.94	6/42.93	5/44.01
POLY-3 PERCENT (g)	2.5%	13.1%	14%	11.4%
TERMINAL (d)	1/26 (4%)	3/31 (10%)	6/32 (19%)	3/32 (9%)
FIRST INCIDENCE	730 (T)	616	730 (T)	586
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.227	P=0.083	P=0.068	P=0.126
POLY 1.5	P=0.207	P=0.071	P=0.061	P=0.115
POLY 6	P=0.251	P=0.096	P=0.076	P=0.138
COCH-ARM / FISHERS	P=0.179	P=0.056	P=0.053	P=0.102
MAX-ISO-POLY-3	P=0.118	P=0.047*	P=0.035*	P=0.067

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
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Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver Necrosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	2/49 (4%)	2/50 (4%)
POLY-3 RATE (b)	3/40.50	2/45.20	2/43.38	2/44.36
POLY-3 PERCENT (g)	7.4%	4.4%	4.6%	4.5%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	589	692	598	385
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.415N	P=0.450N	P=0.469N	P=0.459N
POLY 1.5	P=0.421N	P=0.469N	P=0.486N	P=0.474N
POLY 6	P=0.410N	P=0.434N	P=0.452N	P=0.445N
COCH-ARM / FISHERS	P=0.433N	P=0.500N	P=0.510N	P=0.500N
MAX-ISO-POLY-3	P=0.460N	P=0.291N	P=0.303N	P=0.296N

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Experiment Number: 20006 - 04  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lung</b>				
<b>Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/39.76	2/45.16	0/43.59	1/43.47
POLY-3 PERCENT (g)	0%	4.4%	0%	2.3%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	0/32 (0%)	1/32 (3%)
FIRST INCIDENCE	---	682	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.578	P=0.267	(e)	P=0.518
POLY 1.5	P=0.563	P=0.255	(e)	P=0.511
POLY 6	P=0.594	P=0.278	(e)	P=0.526
COCH-ARM / FISHERS	P=0.539	P=0.247	(e)	P=0.500
MAX-ISO-POLY-3	P=0.365	P=0.104	(e)	P=0.180

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
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Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	5/50 (10%)	0/50 (0%)
POLY-3 RATE (b)	3/39.90	4/44.97	5/43.64	0/43.47
POLY-3 PERCENT (g)	7.5%	8.9%	11.5%	0%
TERMINAL (d)	1/26 (4%)	4/31 (13%)	4/32 (13%)	0/32 (0%)
FIRST INCIDENCE	697	730 (T)	717	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.092N	P=0.565	P=0.406	P=0.104N
POLY 1.5	P=0.100N	P=0.540	P=0.384	P=0.110N
POLY 6	P=0.085N	P=0.588	P=0.427	P=0.098N
COCH-ARM / FISHERS	P=0.114N	P=0.500	P=0.357	P=0.121N
MAX-ISO-POLY-3	P=0.088N	P=0.413	P=0.281	P=0.037N*

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Test Type: CHRONIC  
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Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lymph Node, Mesenteric Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	0/48 (0%)	0/49 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/38.29	0/43.12	0/42.70	2/43.86
POLY-3 PERCENT (g)	0%	0%	0%	4.6%
TERMINAL (d)	0/26 (0%)	0/30 (0%)	0/32 (0%)	1/32 (3%)
FIRST INCIDENCE	---	---	---	6/16
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.050*	(e)	(e)	P=0.268
POLY 1.5	P=0.049*	(e)	(e)	P=0.259
POLY 6	P=0.051	(e)	(e)	P=0.278
COCH-ARM / FISHERS	P=0.049*	(e)	(e)	P=0.258
MAX-ISO-POLY-3	P=0.058	(e)	(e)	P=0.103

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Test Type: CHRONIC  
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Species/Strain: MICE/B6C3F1

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lymph Node: Renal Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/2 (0%)	0/2 (0%)	0/0 (0%)	0/4 (0%)
POLY-3 RATE (b)	0/1.97	0/1.64	0/0.00	0/3.49
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/2 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Mesentery: Fat Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/7 (57%)	0/3 (0%)	2/2 (100%)	2/2 (100%)
POLY-3 RATE (b)	4/5.26	0/2.82	2/2.00	2/2.00
POLY-3 PERCENT (g)	76.1%	0%	100%	100%
TERMINAL (d)	3/3 (100%)	0/2 (0%)	2/2 (100%)	1/1 (100%)
FIRST INCIDENCE	717	---	730 (T)	721
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.141	P=0.032N*	P=0.681	P=0.681
POLY 1.5	P=0.135	P=0.075N	P=0.511	P=0.511
POLY 6	P=0.159	P=0.005N**	P=0.978	P=0.978
COCH-ARM / FISHERS	P=0.172	P=0.167N	P=0.417	P=0.417
MAX-ISO-POLY-3	P=0.038*	P=0.004N**	P=0.180	P=0.180

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TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Nose				
Foreign Body				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	3/40.23	1/45.16	0/43.59	3/44.32
POLY-3 PERCENT (g)	7.5%	2.2%	0%	6.8%
TERMINAL (d)	1/26 (4%)	0/31 (0%)	0/32 (0%)	2/32 (6%)
FIRST INCIDENCE	610	682	---	385
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.528	P=0.265N	P=0.104N	P=0.617N
POLY 1.5	P=0.528	P=0.280N	P=0.111N	P=0.634N
POLY 6	P=0.527	P=0.251N	P=0.099N	P=0.601N
COCH-ARM / FISHERS	P=0.526	P=0.309N	P=0.121N	P=0.661N
MAX-ISO-POLY-3	P=0.264N	P=0.140N	P=0.037N*	P=0.452N

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	15/50 (30%)	11/50 (22%)	12/50 (24%)	16/50 (32%)
POLY-3 RATE (b)	15/43.42	11/45.88	12/44.27	16/45.02
POLY-3 PERCENT (g)	34.6%	24%	27.1%	35.5%
TERMINAL (d)	7/26 (27%)	8/31 (26%)	9/32 (28%)	10/32 (31%)
FIRST INCIDENCE	463	582	580	596
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.365	P=0.192N	P=0.299N	P=0.550
POLY 1.5	P=0.358	P=0.211N	P=0.313N	P=0.529
POLY 6	P=0.380	P=0.178N	P=0.292N	P=0.577
COCH-ARM / FISHERS	P=0.353	P=0.247N	P=0.326N	P=0.500
MAX-ISO-POLY-3	P=0.384	P=0.140N	P=0.226N	P=0.461

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TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose</b>				
<b>Polyp, Inflammatory</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/39.76	2/45.33	3/43.59	1/43.47
POLY-3 PERCENT (g)	2.5%	4.4%	6.9%	2.3%
TERMINAL (d)	1/26 (4%)	1/31 (3%)	3/32 (9%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	631	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.547N	P=0.545	P=0.339	P=0.741N
POLY 1.5	P=0.559N	P=0.528	P=0.324	P=0.749N
POLY 6	P=0.534N	P=0.563	P=0.353	P=0.732N
COCH-ARM / FISHERS	P=0.577N	P=0.500	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.487N	P=0.329	P=0.188	P=0.475N

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TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Nerve Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	8/50 (16%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	8/45.06
POLY-3 PERCENT (g)	0%	0%	0%	17.8%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	4/32 (13%)
FIRST INCIDENCE	---	---	---	495
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P=0.006**
POLY 1.5	P<0.001**	(e)	(e)	P=0.005**
POLY 6	P<0.001**	(e)	(e)	P=0.008**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.003**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.003**

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Nose: Olfactory Epithelium  
Accumulation, Hyaline Droplet

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**LESION RATES**

OVERALL (a)	4/50 (8%)	4/50 (8%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	4/40.02	4/45.33	5/44.65	5/43.62
POLY-3 PERCENT (g)	10%	8.8%	11.2%	11.5%
TERMINAL (d)	3/26 (12%)	3/31 (10%)	2/32 (6%)	4/32 (13%)
FIRST INCIDENCE	662	630	567	690

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**STATISTICAL TESTS**

POLY 3	P=0.435	P=0.573N	P=0.568	P=0.554
POLY 1.5	P=0.422	P=0.600N	P=0.538	P=0.532
POLY 6	P=0.449	P=0.547N	P=0.599	P=0.577
COCH-ARM / FISHERS	P=0.401	P=0.643N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.602	P=0.430N	P=0.431	P=0.416

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

---

Nose: Olfactory Epithelium  
Atrophy

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**LESION RATES**

OVERALL (a)	3/50 (6%)	5/50 (10%)	11/50 (22%)	17/50 (34%)
POLY-3 RATE (b)	3/39.76	5/45.38	11/44.38	17/44.94
POLY-3 PERCENT (g)	7.6%	11%	24.8%	37.8%
TERMINAL (d)	3/26 (12%)	3/31 (10%)	7/32 (22%)	11/32 (34%)
FIRST INCIDENCE	730 (T)	631	580	616

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**STATISTICAL TESTS**

POLY 3	P<0.001**	P=0.431	P=0.031*	P<0.001**
POLY 1.5	P<0.001**	P=0.401	P=0.025*	P<0.001**
POLY 6	P<0.001**	P=0.461	P=0.039*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.357	P=0.020*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.305	P=0.020*	P<0.001**

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Species/Strain: MICE/B6C3F1

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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	1/39.76	1/44.97	4/43.59	2/43.69
POLY-3 PERCENT (g)	2.5%	2.2%	9.2%	4.6%
TERMINAL (d)	1/26 (4%)	1/31 (3%)	4/32 (13%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	686
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.342	P=0.733N	P=0.207	P=0.533
POLY 1.5	P=0.330	P=0.744N	P=0.194	P=0.519
POLY 6	P=0.358	P=0.722N	P=0.220	P=0.548
COCH-ARM / FISHERS	P=0.313	P=0.753N	P=0.181	P=0.500
MAX-ISO-POLY-3	P=0.289	P=0.466N	P=0.110	P=0.316

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	2/43.47
POLY-3 PERCENT (g)	0%	0%	0%	4.6%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	2/32 (6%)
FIRST INCIDENCE	---	---	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.046*	(e)	(e)	P=0.257
POLY 1.5	P=0.046*	(e)	(e)	P=0.249
POLY 6	P=0.047*	(e)	(e)	P=0.266
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.049*	(e)	(e)	P=0.095

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	6/50 (12%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	6/45.29
POLY-3 PERCENT (g)	0%	0%	0%	13.3%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	2/32 (6%)
FIRST INCIDENCE	---	---	---	495
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P=0.023*
POLY 1.5	P<0.001**	(e)	(e)	P=0.020*
POLY 6	P<0.001**	(e)	(e)	P=0.028*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.011*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Respiratory Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	14/50 (28%)	14/50 (28%)	20/50 (40%)	27/50 (54%)
POLY-3 RATE (b)	14/41.74	14/46.17	20/45.19	27/46.83
POLY-3 PERCENT (g)	33.5%	30.3%	44.3%	57.7%
TERMINAL (d)	10/26 (39%)	10/31 (32%)	14/32 (44%)	16/32 (50%)
FIRST INCIDENCE	463	573	580	495
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.003**	P=0.463N	P=0.208	P=0.016*
POLY 1.5	P=0.002**	P=0.511N	P=0.175	P=0.010**
POLY 6	P=0.004**	P=0.415N	P=0.248	P=0.029*
COCH-ARM / FISHERS	P=0.002**	P=0.588N	P=0.146	P=0.007**
MAX-ISO-POLY-3	P=0.004**	P=0.377N	P=0.159	P=0.013*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Nose: Respiratory Epithelium  
Accumulation, Hyaline Droplet

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**LESION RATES**

OVERALL (a)	18/50 (36%)	34/50 (68%)	30/50 (60%)	26/50 (52%)
POLY-3 RATE (b)	18/42.15	34/48.40	30/47.33	26/47.22
POLY-3 PERCENT (g)	42.7%	70.3%	63.4%	55.1%
TERMINAL (d)	12/26 (46%)	22/31 (71%)	19/32 (59%)	15/32 (47%)
FIRST INCIDENCE	483	381	437	437

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**STATISTICAL TESTS**

POLY 3	P=0.418	P=0.005**	P=0.035*	P=0.166
POLY 1.5	P=0.329	P=0.003**	P=0.021*	P=0.123
POLY 6	P=0.526	P=0.010**	P=0.060	P=0.228
COCH-ARM / FISHERS	P=0.221	P<0.001**	P=0.014*	P=0.079
MAX-ISO-POLY-3	P=0.048*	P=0.004**	P=0.027*	P=0.130

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	35/50 (70%)	40/50 (80%)	41/50 (82%)	45/50 (90%)
POLY-3 RATE (b)	35/45.78	40/48.26	41/48.50	45/48.75
POLY-3 PERCENT (g)	76.5%	82.9%	84.5%	92.3%
TERMINAL (d)	20/26 (77%)	27/31 (87%)	27/32 (84%)	29/32 (91%)
FIRST INCIDENCE	354	381	437	437
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.019*	P=0.291	P=0.221	P=0.022*
POLY 1.5	P=0.012*	P=0.241	P=0.154	P=0.014*
POLY 6	P=0.039*	P=0.346	P=0.332	P=0.046*
COCH-ARM / FISHERS	P=0.010**	P=0.178	P=0.121	P=0.011*
MAX-ISO-POLY-3	P=0.023*	P=0.211	P=0.156	P=0.012*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Respiratory Epithelium Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	2/44.26
POLY-3 PERCENT (g)	0%	0%	0%	4.5%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	596
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.047*	(e)	(e)	P=0.262
POLY 1.5	P=0.046*	(e)	(e)	P=0.251
POLY 6	P=0.048*	(e)	(e)	P=0.274
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.053	(e)	(e)	P=0.099

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Pancreas</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	2/44.03
POLY-3 PERCENT (g)	0%	0%	0%	4.5%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	6/16
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.047*	(e)	(e)	P=0.260
POLY 1.5	P=0.046*	(e)	(e)	P=0.251
POLY 6	P=0.048*	(e)	(e)	P=0.272
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.052	(e)	(e)	P=0.098

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Pancreas: Acinus Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Pituitary Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/40.18	1/44.97	1/43.59	1/43.47
POLY-3 PERCENT (g)	5%	2.2%	2.3%	2.3%
TERMINAL (d)	1/26 (4%)	1/31 (3%)	1/32 (3%)	1/32 (3%)
FIRST INCIDENCE	610	730 (T)	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.406N	P=0.461N	P=0.472N	P=0.473N
POLY 1.5	P=0.407N	P=0.476N	P=0.484N	P=0.483N
POLY 6	P=0.404N	P=0.448N	P=0.461N	P=0.462N
COCH-ARM / FISHERS	P=0.409N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.395N	P=0.259N	P=0.265N	P=0.265N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Preputial Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	14/50 (28%)	10/50 (20%)	6/50 (12%)	6/50 (12%)
POLY-3 RATE (b)	14/43.41	10/45.75	6/44.20	6/44.06
POLY-3 PERCENT (g)	32.3%	21.9%	13.6%	13.6%
TERMINAL (d)	5/26 (19%)	7/31 (23%)	3/32 (9%)	4/32 (13%)
FIRST INCIDENCE	483	604	655	596
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.021N*	P=0.192N	P=0.031N*	P=0.032N*
POLY 1.5	P=0.021N*	P=0.207N	P=0.034N*	P=0.033N*
POLY 6	P=0.021N*	P=0.185N	P=0.030N*	P=0.031N*
COCH-ARM / FISHERS	P=0.023N*	P=0.241N	P=0.039N*	P=0.039N*
MAX-ISO-POLY-3	P=0.022N*	P=0.139N	P=0.018N*	P=0.018N*

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Preputial Gland Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/40.54	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	4.9%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	610	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.123N	P=0.215N	P=0.221N	P=0.222N
POLY 1.5	P=0.119N	P=0.223N	P=0.228N	P=0.228N
POLY 6	P=0.126N	P=0.208N	P=0.216N	P=0.216N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.075N	P=0.075N	P=0.075N



Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Preputial Gland Inflammation Granulomatous</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/39.76	2/44.97	0/43.59	2/43.47
POLY-3 PERCENT (g)	0%	4.5%	0%	4.6%
TERMINAL (d)	0/26 (0%)	2/31 (7%)	0/32 (0%)	2/32 (6%)
FIRST INCIDENCE	---	730 (T)	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.274	P=0.266	(e)	P=0.257
POLY 1.5	P=0.263	P=0.254	(e)	P=0.249
POLY 6	P=0.286	P=0.276	(e)	P=0.266
COCH-ARM / FISHERS	P=0.247	P=0.247	(e)	P=0.247
MAX-ISO-POLY-3	P=0.150	P=0.103	(e)	P=0.095

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Prostate Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/40.65	0/44.97	1/43.59	1/43.47
POLY-3 PERCENT (g)	4.9%	0%	2.3%	2.3%
TERMINAL (d)	1/26 (4%)	0/31 (0%)	1/32 (3%)	1/32 (3%)
FIRST INCIDENCE	354	---	730 (T)	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.509N	P=0.215N	P=0.476N	P=0.477N
POLY 1.5	P=0.505N	P=0.224N	P=0.487N	P=0.487N
POLY 6	P=0.512N	P=0.207N	P=0.464N	P=0.465N
COCH-ARM / FISHERS	P=0.500N	P=0.247N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.261N	P=0.075N	P=0.267N	P=0.267N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Salivary Glands</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	23/50 (46%)	30/50 (60%)	27/50 (54%)	22/50 (44%)
POLY-3 RATE (b)	23/41.22	30/46.89	27/44.69	22/44.10
POLY-3 PERCENT (g)	55.8%	64%	60.4%	49.9%
TERMINAL (d)	17/26 (65%)	23/31 (74%)	22/32 (69%)	17/32 (53%)
FIRST INCIDENCE	469	573	567	671
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.207N	P=0.279	P=0.412	P=0.367N
POLY 1.5	P=0.242N	P=0.198	P=0.342	P=0.423N
POLY 6	P=0.172N	P=0.386	P=0.489	P=0.304N
COCH-ARM / FISHERS	P=0.299N	P=0.115	P=0.274	P=0.500N
MAX-ISO-POLY-3	P=0.275N	P=0.223	P=0.332	P=0.293N

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Skin</b>				
<b>Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	3/40.25	2/45.48	3/44.20	1/43.47
POLY-3 PERCENT (g)	7.5%	4.4%	6.8%	2.3%
TERMINAL (d)	1/26 (4%)	0/31 (0%)	0/32 (0%)	1/32 (3%)
FIRST INCIDENCE	610	604	655	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.252N	P=0.445N	P=0.619N	P=0.278N
POLY 1.5	P=0.256N	P=0.466N	P=0.638N	P=0.288N
POLY 6	P=0.248N	P=0.425N	P=0.599N	P=0.267N
COCH-ARM / FISHERS	P=0.263N	P=0.500N	P=0.661N	P=0.309N
MAX-ISO-POLY-3	P=0.256N	P=0.287N	P=0.454N	P=0.144N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Skin: Subcutaneous Tissue Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	2/43.65	0/43.47
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	---	---	716	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.621	(e)	P=0.258	(e)
POLY 1.5	P=0.611	(e)	P=0.249	(e)
POLY 6	P=0.632	(e)	P=0.268	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.287	(e)	P=0.096	(e)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	16/50 (32%)	24/50 (48%)	20/50 (40%)
POLY-3 RATE (b)	16/44.46	16/46.36	24/47.03	20/45.26
POLY-3 PERCENT (g)	36%	34.5%	51%	44.2%
TERMINAL (d)	5/26 (19%)	8/31 (26%)	13/32 (41%)	15/32 (47%)
FIRST INCIDENCE	469	604	567	495
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.161	P=0.529N	P=0.105	P=0.280
POLY 1.5	P=0.161	P=0.548N	P=0.088	P=0.277
POLY 6	P=0.157	P=0.517N	P=0.127	P=0.278
COCH-ARM / FISHERS	P=0.162	P=0.585N	P=0.076	P=0.266
MAX-ISO-POLY-3	P=0.187	P=0.441N	P=0.076	P=0.215

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Spleen: Lymphoid Follicle Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/39.89	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	5%	0%	0%	0%
TERMINAL (d)	1/26 (4%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	697	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.125N	P=0.211N	P=0.218N	P=0.218N
POLY 1.5	P=0.120N	P=0.221N	P=0.226N	P=0.226N
POLY 6	P=0.129N	P=0.203N	P=0.210N	P=0.211N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.075N	P=0.075N	P=0.075N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

---

Spleen: Lymphoid Follicle  
Hyperplasia

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---

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**STATISTICAL TESTS**

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

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Forestomach Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	0/39.76	1/45.03	4/43.73	1/43.47
POLY-3 PERCENT (g)	0%	2.2%	9.2%	2.3%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	3/32 (9%)	1/32 (3%)
FIRST INCIDENCE	---	716	695	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.373	P=0.525	P=0.073	P=0.518
POLY 1.5	P=0.358	P=0.515	P=0.067	P=0.511
POLY 6	P=0.389	P=0.534	P=0.079	P=0.526
COCH-ARM / FISHERS	P=0.337	P=0.500	P=0.059	P=0.500
MAX-ISO-POLY-3	P=0.140	P=0.188	P=0.029*	P=0.180

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	6/50 (12%)	5/50 (10%)	7/50 (14%)	1/50 (2%)
POLY-3 RATE (b)	6/39.92	5/45.65	7/45.14	1/43.86
POLY-3 PERCENT (g)	15%	11%	15.5%	2.3%
TERMINAL (d)	4/26 (15%)	2/31 (7%)	2/32 (6%)	0/32 (0%)
FIRST INCIDENCE	697	631	567	617
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.051N	P=0.406N	P=0.595	P=0.041N*
POLY 1.5	P=0.056N	P=0.443N	P=0.553	P=0.047N*
POLY 6	P=0.046N*	P=0.369N	P=0.596N	P=0.036N*
COCH-ARM / FISHERS	P=0.066N	P=0.500N	P=0.500	P=0.056N
MAX-ISO-POLY-3	P=0.060N	P=0.300N	P=0.476	P=0.021N*

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Forestomach: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	4/50 (8%)	2/50 (4%)
POLY-3 RATE (b)	2/39.95	2/45.16	4/44.12	2/43.64
POLY-3 PERCENT (g)	5%	4.4%	9.1%	4.6%
TERMINAL (d)	1/26 (4%)	1/31 (3%)	2/32 (6%)	1/32 (3%)
FIRST INCIDENCE	680	682	617	686
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.575	P=0.649N	P=0.384	P=0.662N
POLY 1.5	P=0.563	P=0.666N	P=0.363	P=0.675N
POLY 6	P=0.589	P=0.632N	P=0.405	P=0.648N
COCH-ARM / FISHERS	P=0.544	P=0.691N	P=0.339	P=0.691N
MAX-ISO-POLY-3	P=0.549	P=0.452N	P=0.247	P=0.465N

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/47 (2%)	18/47 (38%)	45/49 (92%)
POLY-3 RATE (b)	1/40.34	1/42.61	18/43.61	45/47.76
POLY-3 PERCENT (g)	2.5%	2.4%	41.3%	94.2%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	12/32 (38%)	31/32 (97%)
FIRST INCIDENCE	546	730 (T)	437	437
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.748N	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.758N	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.739N	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.737	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.484N	P<0.001**	P<0.001**

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	2/47 (4%)	0/47 (0%)	0/49 (0%)
POLY-3 RATE (b)	5/42.43	2/42.88	0/41.63	0/43.15
POLY-3 PERCENT (g)	11.8%	4.7%	0%	0%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	354	658	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.008N**	P=0.211N	P=0.032N*	P=0.029N*
POLY 1.5	P=0.008N**	P=0.223N	P=0.034N*	P=0.030N*
POLY 6	P=0.008N**	P=0.200N	P=0.030N*	P=0.027N*
COCH-ARM / FISHERS	P=0.009N**	P=0.244N	P=0.033N*	P=0.030N*
MAX-ISO-POLY-3	P=0.005N**	P=0.120N	P=0.010N**	P=0.010N**

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/47 (2%)	38/47 (81%)	48/49 (98%)
POLY-3 RATE (b)	0/39.76	1/42.61	38/45.56	48/49.00
POLY-3 PERCENT (g)	0%	2.4%	83.4%	98%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	26/32 (81%)	31/32 (97%)
FIRST INCIDENCE	---	730 (T)	437	385
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.514	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.504	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.524	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.485	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.179	P<0.001**	P<0.001**

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	1/47 (2%)	22/47 (47%)	40/49 (82%)
POLY-3 RATE (b)	0/39.76	1/42.61	22/44.12	40/46.86
POLY-3 PERCENT (g)	0%	2.4%	49.9%	85.4%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	14/32 (44%)	29/32 (91%)
FIRST INCIDENCE	---	730 (T)	437	437
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.514	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.504	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.524	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.485	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.179	P<0.001**	P<0.001**

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Testes: Germinal Epithelium  
Atrophy

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**LESION RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	2/39.81	0/44.97	3/43.70	3/43.75
POLY-3 PERCENT (g)	5%	0%	6.9%	6.9%
TERMINAL (d)	1/26 (4%)	0/31 (0%)	2/32 (6%)	2/32 (6%)
FIRST INCIDENCE	717	---	702	653

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**STATISTICAL TESTS**

POLY 3	P=0.240	P=0.211N	P=0.542	P=0.543
POLY 1.5	P=0.237	P=0.221N	P=0.524	P=0.525
POLY 6	P=0.245	P=0.202N	P=0.561	P=0.562
COCH-ARM / FISHERS	P=0.232	P=0.247N	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.289	P=0.075N	P=0.367	P=0.368

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Thymus Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	44/49 (90%)	44/47 (94%)	45/46 (98%)	39/45 (87%)
POLY-3 RATE (b)	44/46.29	44/45.90	45/46.00	39/42.67
POLY-3 PERCENT (g)	95.1%	95.9%	97.8%	91.4%
TERMINAL (d)	24/25 (96%)	29/29 (100%)	28/29 (97%)	27/29 (93%)
FIRST INCIDENCE	465	573	133	495
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.262N	P=0.640	P=0.430	P=0.382N
POLY 1.5	P=0.279N	P=0.526	P=0.265	P=0.400N
POLY 6	P=0.262N	P=0.738N	P=0.615	P=0.383N
COCH-ARM / FISHERS	P=0.330N	P=0.381	P=0.117	P=0.439N
MAX-ISO-POLY-3	P=0.204N	P=0.415	P=0.214	P=0.223N

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Tooth Dysplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	30/30 (100%)	36/37 (97%)	32/32 (100%)	32/32 (100%)
POLY-3 RATE (b)	30/30.00	36/37.00	32/32.00	32/32.00
POLY-3 PERCENT (g)	100%	97.3%	100%	100%
TERMINAL (d)	19/19 (100%)	24/25 (96%)	23/23 (100%)	23/23 (100%)
FIRST INCIDENCE	465	573	567	385
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.569	P=0.542N	(e)	(e)
POLY 1.5	P=0.569	P=0.542N	(e)	(e)
POLY 6	P=0.569	P=0.542N	(e)	(e)
COCH-ARM / FISHERS	P=0.569	P=0.552N	(e)	(e)
MAX-ISO-POLY-3	P=0.410	P=0.196N	(e)	(e)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Urinary Bladder Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Urinary Bladder Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/40.12	2/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	2.5%	4.5%	0%	0%
TERMINAL (d)	0/26 (0%)	2/31 (7%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	629	730 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.174N	P=0.540	P=0.483N	P=0.484N
POLY 1.5	P=0.179N	P=0.525	P=0.491N	P=0.490N
POLY 6	P=0.169N	P=0.553	P=0.477N	P=0.478N
COCH-ARM / FISHERS	P=0.188N	P=0.500	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.195N	P=0.323	P=0.158N	P=0.158N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Adrenal Cortex Hypertrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/44.49	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Adrenal Cortex</b>				
<b>Vacuolization Cytoplasmic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/44.49	1/46.63	1/40.66	0/47.56
POLY-3 PERCENT (g)	2.3%	2.1%	2.5%	0%
TERMINAL (d)	1/33 (3%)	0/40 (0%)	1/26 (4%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	687	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Adrenal Medulla Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/49 (2%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/44.49	1/46.47	3/41.61	0/47.56
POLY-3 PERCENT (g)	2.3%	2.2%	7.2%	0%
TERMINAL (d)	1/33 (3%)	1/40 (3%)	1/26 (4%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	523	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.384N	P=0.751N	P=0.281	P=0.487N
POLY 1.5	P=0.393N	P=0.754N	P=0.294	P=0.491N
POLY 6	P=0.368N	P=0.745N	P=0.264	P=0.478N
COCH-ARM / FISHERS	P=0.404N	P=0.747N	P=0.316	P=0.495N
MAX-ISO-POLY-3	P=0.223N	P=0.487N	P=0.146	P=0.157N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Bone</b>				
<b>Fibro-osseous Lesion</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	13/50 (26%)	11/50 (22%)	17/50 (34%)
POLY-3 RATE (b)	9/45.37	13/47.02	11/40.79	17/48.00
POLY-3 PERCENT (g)	19.8%	27.7%	27%	35.4%
TERMINAL (d)	9/33 (27%)	11/40 (28%)	10/26 (39%)	16/45 (36%)
FIRST INCIDENCE	729 (T)	620	695	603
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.064	P=0.262	P=0.298	P=0.072
POLY 1.5	P=0.058	P=0.244	P=0.341	P=0.062
POLY 6	P=0.078	P=0.293	P=0.245	P=0.093
COCH-ARM / FISHERS	P=0.055	P=0.235	P=0.402	P=0.055
MAX-ISO-POLY-3	P=0.073	P=0.193	P=0.228	P=0.049*

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Brain: Hypothalamus Compression</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/33 (6%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.120N	P=0.232N	P=0.262N	P=0.227N
POLY 1.5	P=0.117N	P=0.236N	P=0.252N	P=0.232N
POLY 6	P=0.124N	P=0.226N	P=0.277N	P=0.218N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.076N	P=0.100N	P=0.076N

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Eye: Cornea  
Inflammation Chronic

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**LESION RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/45.53	0/46.47	1/41.29	1/48.00
POLY-3 PERCENT (g)	2.2%	0%	2.4%	2.1%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	687	---	523	603

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**STATISTICAL TESTS**

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

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Harderian Gland Dilatation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	6/50 (12%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	6/47.56
POLY-3 PERCENT (g)	0%	0%	0%	12.6%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	6/45 (13%)
FIRST INCIDENCE	---	---	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	(e)	P=0.018*
POLY 1.5	P<0.001**	(e)	(e)	P=0.017*
POLY 6	P<0.001**	(e)	(e)	P=0.021*
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.013*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.007**

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Harderian Gland Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	3/50 (6%)	5/50 (10%)	9/50 (18%)
POLY-3 RATE (b)	2/45.37	3/46.47	5/41.31	9/47.56
POLY-3 PERCENT (g)	4.4%	6.5%	12.1%	18.9%
TERMINAL (d)	2/33 (6%)	3/40 (8%)	4/26 (15%)	9/45 (20%)
FIRST INCIDENCE	729 (T)	729 (T)	514	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.009**	P=0.511	P=0.179	P=0.030*
POLY 1.5	P=0.008**	P=0.503	P=0.195	P=0.028*
POLY 6	P=0.010**	P=0.523	P=0.159	P=0.036*
COCH-ARM / FISHERS	P=0.008**	P=0.500	P=0.218	P=0.026*
MAX-ISO-POLY-3	P=0.013*	P=0.335	P=0.104	P=0.016*

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Harderian Gland Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	24/50 (48%)	18/50 (36%)	8/50 (16%)	22/50 (44%)
POLY-3 RATE (b)	24/45.75	18/46.63	8/40.75	22/47.65
POLY-3 PERCENT (g)	52.5%	38.6%	19.6%	46.2%
TERMINAL (d)	22/33 (67%)	17/40 (43%)	7/26 (27%)	21/45 (47%)
FIRST INCIDENCE	647	688	707	706
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.362N	P=0.125N	P<0.001N**	P=0.343N
POLY 1.5	P=0.372N	P=0.144N	P<0.001N**	P=0.382N
POLY 6	P=0.332N	P=0.099N	P=0.002N**	P=0.275N
COCH-ARM / FISHERS	P=0.383N	P=0.156N	P<0.001N**	P=0.421N
MAX-ISO-POLY-3	P=0.046N*	P=0.089N	P<0.001N**	P=0.274N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Heart</b>				
<b>Cardiomyopathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	4/45.66	3/47.45	1/41.05	2/47.56
POLY-3 PERCENT (g)	8.8%	6.3%	2.4%	4.2%
TERMINAL (d)	3/33 (9%)	2/40 (5%)	0/26 (0%)	2/45 (4%)
FIRST INCIDENCE	649	191	619	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.222N	P=0.479N	P=0.212N	P=0.319N
POLY 1.5	P=0.224N	P=0.488N	P=0.198N	P=0.328N
POLY 6	P=0.217N	P=0.466N	P=0.233N	P=0.302N
COCH-ARM / FISHERS	P=0.221N	P=0.500N	P=0.181N	P=0.339N
MAX-ISO-POLY-3	P=0.210N	P=0.332N	P=0.115N	P=0.191N

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Heart: Myocardium Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/45.58	0/46.47	0/40.66	1/47.56
POLY-3 PERCENT (g)	4.4%	0%	0%	2.1%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	1/45 (2%)
FIRST INCIDENCE	695	---	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.472N	P=0.233N	P=0.263N	P=0.485N
POLY 1.5	P=0.467N	P=0.236N	P=0.252N	P=0.493N
POLY 6	P=0.478N	P=0.228N	P=0.280N	P=0.472N
COCH-ARM / FISHERS	P=0.461N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.135N	P=0.076N	P=0.101N	P=0.272N

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Islets, Pancreatic Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/50 (10%)	1/50 (2%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	5/46.85	1/46.47	4/41.64	1/47.56
POLY-3 PERCENT (g)	10.7%	2.2%	9.6%	2.1%
TERMINAL (d)	2/33 (6%)	1/40 (3%)	2/26 (8%)	1/45 (2%)
FIRST INCIDENCE	506	729 (T)	514	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.130N	P=0.103N	P=0.573N	P=0.098N
POLY 1.5	P=0.132N	P=0.104N	P=0.543N	P=0.101N
POLY 6	P=0.124N	P=0.101N	P=0.613N	P=0.092N
COCH-ARM / FISHERS	P=0.135N	P=0.102N	P=0.500N	P=0.102N
MAX-ISO-POLY-3	P=0.059N	P=0.046N*	P=0.437N	P=0.044N*



Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Kidney Infarct				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	3/45.69	0/46.47	1/40.66	0/47.56
POLY-3 PERCENT (g)	6.6%	0%	2.5%	0%
TERMINAL (d)	2/33 (6%)	0/40 (0%)	1/26 (4%)	0/45 (0%)
FIRST INCIDENCE	639	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.085N	P=0.116N	P=0.348N	P=0.112N
POLY 1.5	P=0.085N	P=0.118N	P=0.330N	P=0.115N
POLY 6	P=0.085N	P=0.112N	P=0.374N	P=0.105N
COCH-ARM / FISHERS	P=0.086N	P=0.121N	P=0.309N	P=0.121N
MAX-ISO-POLY-3	P=0.023N*	P=0.038N*	P=0.197N	P=0.038N*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney</b>				
<b>Inflammation Acute</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	3/50 (6%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	4/46.20	3/46.47	4/41.79	0/47.56
POLY-3 PERCENT (g)	8.7%	6.5%	9.6%	0%
TERMINAL (d)	2/33 (6%)	3/40 (8%)	1/26 (4%)	0/45 (0%)
FIRST INCIDENCE	506	729 (T)	606	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.059N	P=0.497N	P=0.587	P=0.057N
POLY 1.5	P=0.061N	P=0.502N	P=0.610	P=0.059N
POLY 6	P=0.054N	P=0.487N	P=0.559	P=0.053N
COCH-ARM / FISHERS	P=0.064N	P=0.500N	P=0.643N	P=0.059N
MAX-ISO-POLY-3	P=0.060N	P=0.345N	P=0.442	P=0.019N*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney Nephropathy</b>				
<b>LESION RATES</b>				
OVERALL (a)	24/50 (48%)	25/50 (50%)	19/50 (38%)	20/50 (40%)
POLY-3 RATE (b)	24/48.15	25/47.91	19/41.95	20/48.00
POLY-3 PERCENT (g)	49.8%	52.2%	45.3%	41.7%
TERMINAL (d)	15/33 (46%)	21/40 (53%)	15/26 (58%)	19/45 (42%)
FIRST INCIDENCE	506	191	597	603
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.179N	P=0.490	P=0.412N	P=0.274N
POLY 1.5	P=0.179N	P=0.493	P=0.318N	P=0.279N
POLY 6	P=0.166N	P=0.492	P=0.544N	P=0.253N
COCH-ARM / FISHERS	P=0.168N	P=0.500	P=0.210N	P=0.273N
MAX-ISO-POLY-3	P=0.279N	P=0.407	P=0.340N	P=0.211N

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney: Pelvis Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney: Renal Tubule Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/40.66	1/48.26
POLY-3 PERCENT (g)	0%	0%	2.5%	2.1%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	1/26 (4%)	0/45 (0%)
FIRST INCIDENCE	---	---	729 (T)	491
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Kidney: Renal Tubule Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.45	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	709	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Liver</b>				
<b>Basophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	6/50 (12%)	7/50 (14%)	5/50 (10%)
POLY-3 RATE (b)	4/45.89	6/46.47	7/40.83	5/47.56
POLY-3 PERCENT (g)	8.7%	12.9%	17.2%	10.5%
TERMINAL (d)	3/33 (9%)	6/40 (15%)	6/26 (23%)	5/45 (11%)
FIRST INCIDENCE	568	729 (T)	686	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.495	P=0.377	P=0.197	P=0.522
POLY 1.5	P=0.482	P=0.370	P=0.223	P=0.511
POLY 6	P=0.524	P=0.390	P=0.165	P=0.545
COCH-ARM / FISHERS	P=0.470	P=0.370	P=0.262	P=0.500
MAX-ISO-POLY-3	P=0.383	P=0.261	P=0.132	P=0.385



Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver				
Clear Cell Focus				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/45.89	2/46.47	1/40.66	1/47.56
POLY-3 PERCENT (g)	6.5%	4.3%	2.5%	2.1%
TERMINAL (d)	2/33 (6%)	2/40 (5%)	1/26 (4%)	1/45 (2%)
FIRST INCIDENCE	569	729 (T)	729 (T)	729 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.199N	P=0.494N	P=0.350N	P=0.293N
POLY 1.5	P=0.200N	P=0.500N	P=0.331N	P=0.299N
POLY 6	P=0.194N	P=0.485N	P=0.376N	P=0.280N
COCH-ARM / FISHERS	P=0.199N	P=0.500N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.217N	P=0.320N	P=0.199N	P=0.149N

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Liver</b>				
<b>Eosinophilic Focus</b>				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	26/50 (52%)	26/50 (52%)	21/50 (42%)
POLY-3 RATE (b)	16/45.89	26/47.09	26/43.11	21/48.09
POLY-3 PERCENT (g)	34.9%	55.2%	60.3%	43.7%
TERMINAL (d)	15/33 (46%)	22/40 (55%)	19/26 (73%)	19/45 (42%)
FIRST INCIDENCE	568	681	514	603
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.375	P=0.035*	P=0.011*	P=0.253
POLY 1.5	P=0.338	P=0.031*	P=0.017*	P=0.227
POLY 6	P=0.456	P=0.045*	P=0.005**	P=0.308
COCH-ARM / FISHERS	P=0.307	P=0.034*	P=0.034*	P=0.204
MAX-ISO-POLY-3	P=0.060	P=0.023*	P=0.007**	P=0.196

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver Fatty Change				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	36/50 (72%)	39/50 (78%)	35/50 (70%)	40/50 (80%)
POLY-3 RATE (b)	36/49.75	39/48.63	35/47.19	40/48.75
POLY-3 PERCENT (g)	72.4%	80.2%	74.2%	82%
TERMINAL (d)	22/33 (67%)	31/40 (78%)	19/26 (73%)	37/45 (82%)
FIRST INCIDENCE	506	558	381	505
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.201	P=0.249	P=0.512	P=0.181
POLY 1.5	P=0.232	P=0.261	P=0.586	P=0.202
POLY 6	P=0.172	P=0.245	P=0.400	P=0.166
COCH-ARM / FISHERS	P=0.272	P=0.322	P=0.500N	P=0.241
MAX-ISO-POLY-3	P=0.196	P=0.183	P=0.419	P=0.127

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Liver</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/46.03	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	506	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.119N	P=0.235N	P=0.266N	P=0.230N
POLY 1.5	P=0.116N	P=0.238N	P=0.254N	P=0.234N
POLY 6	P=0.122N	P=0.230N	P=0.282N	P=0.222N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.033N*	P=0.076N	P=0.103N	P=0.076N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver Hemorrhage				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	2/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	4.3%	0%	0%
TERMINAL (d)	0/33 (0%)	2/40 (5%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.399N	P=0.243	(e)	(e)
POLY 1.5	P=0.404N	P=0.239	(e)	(e)
POLY 6	P=0.389N	P=0.249	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.256N	P=0.081	(e)	(e)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver				
Mixed Cell Focus				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	4/50 (8%)	5/50 (10%)	1/50 (2%)
POLY-3 RATE (b)	2/45.37	4/46.47	5/40.95	1/47.56
POLY-3 PERCENT (g)	4.4%	8.6%	12.2%	2.1%
TERMINAL (d)	2/33 (6%)	4/40 (10%)	4/26 (15%)	1/45 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	652	729 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.316N	P=0.348	P=0.176	P=0.484N
POLY 1.5	P=0.330N	P=0.341	P=0.193	P=0.492N
POLY 6	P=0.291N	P=0.361	P=0.156	P=0.469N
COCH-ARM / FISHERS	P=0.344N	P=0.339	P=0.218	P=0.500N
MAX-ISO-POLY-3	P=0.187N	P=0.212	P=0.103	P=0.271N

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver Necrosis				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.69	1/46.47	1/41.04	0/47.56
POLY-3 PERCENT (g)	2.2%	2.2%	2.4%	0%
TERMINAL (d)	0/33 (0%)	1/40 (3%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	639	729 (T)	621	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lung</b>				
<b>Infiltration Cellular Histiocyte</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lung: Alveolar Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/45.37	2/46.47	1/41.05	2/47.56
POLY-3 PERCENT (g)	2.2%	4.3%	2.4%	4.2%
TERMINAL (d)	1/33 (3%)	2/40 (5%)	0/26 (0%)	2/45 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	619	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.459	P=0.508	P=0.738	P=0.516
POLY 1.5	P=0.452	P=0.503	P=0.747	P=0.508
POLY 6	P=0.474	P=0.518	P=0.725	P=0.531
COCH-ARM / FISHERS	P=0.444	P=0.500	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.477	P=0.290	P=0.472	P=0.298

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lymph Node, Mesenteric Hyperplasia Lymphoid</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.53	0/46.45	0/39.75	0/46.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/44 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Lymph Node: Renal Ectasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/9 (22%)	1/5 (20%)	2/6 (33%)	0/1 (0%)
POLY-3 RATE (b)	2/7.38	1/4.62	2/4.91	0/1.00
POLY-3 PERCENT (g)	27.1%	21.7%	40.7%	0%
TERMINAL (d)	2/3 (67%)	1/4 (25%)	2/3 (67%)	0/1 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.665N	P=0.675N	P=0.548	P=0.745N
POLY 1.5	P=0.668N	P=0.691N	P=0.546	P=0.754N
POLY 6	P=0.652N	P=0.642N	P=0.556	P=0.723N
COCH-ARM / FISHERS	P=0.684	P=0.769	P=0.538	P=0.800N
MAX-ISO-POLY-3	P=0.506N	P=0.424N	P=0.329	P=0.323N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Mesentery: Fat Necrosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/3 (100%)	6/7 (86%)	7/7 (100%)	5/6 (83%)
POLY-3 RATE (b)	3/3.00	6/7.00	7/7.00	5/6.00
POLY-3 PERCENT (g)	100%	85.7%	100%	83.3%
TERMINAL (d)	1/1 (100%)	6/7 (86%)	4/4 (100%)	5/6 (83%)
FIRST INCIDENCE	506	729 (T)	642	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.482N	P=0.663N	(e)	P=0.634N
POLY 1.5	P=0.482N	P=0.663N	(e)	P=0.634N
POLY 6	P=0.482N	P=0.663N	(e)	P=0.634N
COCH-ARM / FISHERS	P=0.481N	P=0.700N	(e)	P=0.667N
MAX-ISO-POLY-3	P=0.399N	P=0.297N	(e)	P=0.278N

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose</b>				
<b>Foreign Body</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/40.95	2/48.00
POLY-3 PERCENT (g)	0%	0%	2.4%	4.2%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	1/45 (2%)
FIRST INCIDENCE	---	---	652	603
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.076	(e)	P=0.480	P=0.250
POLY 1.5	P=0.073	(e)	P=0.488	P=0.244
POLY 6	P=0.080	(e)	P=0.469	P=0.261
COCH-ARM / FISHERS	P=0.070	(e)	P=0.500	P=0.247
MAX-ISO-POLY-3	P=0.093	(e)	P=0.158	P=0.088

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose Inflammation</b>				
<b>LESION RATES</b>				
OVERALL (a)	4/50 (8%)	1/50 (2%)	8/50 (16%)	39/50 (78%)
POLY-3 RATE (b)	4/45.45	1/46.47	8/41.58	39/48.23
POLY-3 PERCENT (g)	8.8%	2.2%	19.2%	80.9%
TERMINAL (d)	3/33 (9%)	1/40 (3%)	5/26 (19%)	38/45 (84%)
FIRST INCIDENCE	709	729 (T)	638	505
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.172N	P=0.135	P<0.001**
POLY 1.5	P<0.001**	P=0.177N	P=0.152	P<0.001**
POLY 6	P<0.001**	P=0.164N	P=0.116	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.181N	P=0.178	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.082N	P=0.087	P<0.001**

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose</b>				
Polyp, Inflammatory				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Nerve Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	50/50 (100%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/40.97	50/50.00
POLY-3 PERCENT (g)	0%	0%	2.4%	100%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	45/45 (100%)
FIRST INCIDENCE	---	---	645	491
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	(e)	P=0.480	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.488	P<0.001**
POLY 6	P<0.001**	(e)	P=0.469	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	P<0.001**



Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	18/50 (36%)	27/50 (54%)	21/50 (42%)	44/50 (88%)
POLY-3 RATE (b)	18/47.33	27/48.67	21/44.69	44/49.57
POLY-3 PERCENT (g)	38%	55.5%	47%	88.8%
TERMINAL (d)	13/33 (39%)	20/40 (50%)	11/26 (42%)	40/45 (89%)
FIRST INCIDENCE	506	558	526	491
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.063	P=0.253	P<0.001**
POLY 1.5	P<0.001**	P=0.054	P=0.284	P<0.001**
POLY 6	P<0.001**	P=0.083	P=0.223	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.054	P=0.341	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.043*	P=0.197	P<0.001**

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Atrophy</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	3/50 (6%)	45/50 (90%)
POLY-3 RATE (b)	1/45.37	2/46.47	3/41.92	45/49.33
POLY-3 PERCENT (g)	2.2%	4.3%	7.2%	91.2%
TERMINAL (d)	1/33 (3%)	2/40 (5%)	0/26 (0%)	41/45 (91%)
FIRST INCIDENCE	729 (T)	729 (T)	526	491
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.508	P=0.277	P<0.001**
POLY 1.5	P<0.001**	P=0.503	P=0.289	P<0.001**
POLY 6	P<0.001**	P=0.518	P=0.263	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.309	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.290	P=0.144	P<0.001**

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Degeneration</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	0/45.37	0/46.47	2/41.30	3/47.56
POLY-3 PERCENT (g)	0%	0%	4.8%	6.3%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	3/45 (7%)
FIRST INCIDENCE	---	---	638	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.030*	(e)	P=0.217	P=0.127
POLY 1.5	P=0.029*	(e)	P=0.225	P=0.123
POLY 6	P=0.032*	(e)	P=0.207	P=0.136
COCH-ARM / FISHERS	P=0.028*	(e)	P=0.247	P=0.121
MAX-ISO-POLY-3	P=0.046*	(e)	P=0.075	P=0.045*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

---

Nose: Olfactory Epithelium  
Metaplasia

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---

---

**STATISTICAL TESTS**

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

---

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

---

Nose: Olfactory Epithelium  
Necrosis

---

**LESION RATES**

OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	2/41.30	0/47.56
POLY-3 PERCENT (g)	0%	0%	4.8%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	638	---

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**STATISTICAL TESTS**

POLY 3	P=0.624	(e)	P=0.217	(e)
POLY 1.5	P=0.612	(e)	P=0.225	(e)
POLY 6	P=0.645	(e)	P=0.207	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.243	(e)	P=0.075	(e)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Olfactory Epithelium Respiratory Metaplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	7/50 (14%)	8/50 (16%)	16/50 (32%)	49/50 (98%)
POLY-3 RATE (b)	7/45.68	8/47.13	16/45.31	49/49.45
POLY-3 PERCENT (g)	15.3%	17%	35.3%	99.1%
TERMINAL (d)	5/33 (15%)	6/40 (15%)	6/26 (23%)	45/45 (100%)
FIRST INCIDENCE	684	558	381	491
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.526	P=0.023*	P<0.001**
POLY 1.5	P<0.001**	P=0.510	P=0.024*	P<0.001**
POLY 6	P<0.001**	P=0.551	P=0.021*	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.028*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.414	P=0.012*	P<0.001**

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Respiratory Epithelium Accumulation, Hyaline Droplet</b>				
<b>LESION RATES</b>				
OVERALL (a)	47/50 (94%)	38/50 (76%)	42/50 (84%)	50/50 (100%)
POLY-3 RATE (b)	47/49.84	38/49.82	42/47.87	50/50.00
POLY-3 PERCENT (g)	94.3%	76.3%	87.7%	100%
TERMINAL (d)	31/33 (94%)	29/40 (73%)	23/26 (89%)	45/45 (100%)
FIRST INCIDENCE	506	191	481	491
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.028*	P=0.010N**	P=0.205N	P=0.127
POLY 1.5	P=0.032*	P=0.010N**	P=0.156N	P=0.123
POLY 6	P=0.026*	P=0.009N**	P=0.267N	P=0.135
COCH-ARM / FISHERS	P=0.046*	P=0.011N*	P=0.100N	P=0.121
MAX-ISO-POLY-3	P=0.008**	P=0.004N**	P=0.120N	P=0.039*

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Nose: Respiratory Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	32/50 (64%)	31/50 (62%)	38/50 (76%)	50/50 (100%)
POLY-3 RATE (b)	32/48.00	31/48.56	38/48.16	50/50.00
POLY-3 PERCENT (g)	66.7%	63.8%	78.9%	100%
TERMINAL (d)	23/33 (70%)	24/40 (60%)	20/26 (77%)	45/45 (100%)
FIRST INCIDENCE	506	558	381	491
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.469N	P=0.123	P<0.001**
POLY 1.5	P<0.001**	P=0.500N	P=0.129	P<0.001**
POLY 6	P<0.001**	P=0.412N	P=0.117	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.138	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.383N	P=0.081	P<0.001**



Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Nose: Respiratory Epithelium  
Necrosis

---

**LESION RATES**

OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/45.62	0/46.47	1/40.99	0/47.56
POLY-3 PERCENT (g)	4.4%	0%	2.4%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	684	---	638	---

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**STATISTICAL TESTS**

POLY 3	P=0.188N	P=0.233N	P=0.537N	P=0.228N
POLY 1.5	P=0.188N	P=0.236N	P=0.522N	P=0.233N
POLY 6	P=0.187N	P=0.228N	P=0.558N	P=0.220N
COCH-ARM / FISHERS	P=0.188N	P=0.247N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.077N	P=0.076N	P=0.321N	P=0.076N

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Ovary Cyst				
<b>LESION RATES</b>				
OVERALL (a)	16/50 (32%)	15/50 (30%)	9/50 (18%)	8/50 (16%)
POLY-3 RATE (b)	16/46.31	15/47.18	9/41.96	8/47.56
POLY-3 PERCENT (g)	34.6%	31.8%	21.5%	16.8%
TERMINAL (d)	11/33 (33%)	12/40 (30%)	5/26 (19%)	8/45 (18%)
FIRST INCIDENCE	569	620	606	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.018N*	P=0.475N	P=0.127N	P=0.039N*
POLY 1.5	P=0.020N*	P=0.494N	P=0.106N	P=0.044N*
POLY 6	P=0.015N*	P=0.442N	P=0.158N	P=0.032N*
COCH-ARM / FISHERS	P=0.022N*	P=0.500N	P=0.083N	P=0.050N*
MAX-ISO-POLY-3	P=0.028N*	P=0.388N	P=0.094N	P=0.024N*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Ovary Thrombosis</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
POLY-3 RATE (b)	2/45.49	0/46.47	2/40.99	2/47.56
POLY-3 PERCENT (g)	4.4%	0%	4.9%	4.2%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	1/26 (4%)	2/45 (4%)
FIRST INCIDENCE	709	---	639	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.457	P=0.232N	P=0.656	P=0.678N
POLY 1.5	P=0.451	P=0.236N	P=0.672	P=0.686N
POLY 6	P=0.467	P=0.227N	P=0.634	P=0.663N
COCH-ARM / FISHERS	P=0.444	P=0.247N	P=0.691N	P=0.691N
MAX-ISO-POLY-3	P=0.428	P=0.076N	P=0.459	P=0.481N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Pancreas  
Inflammation Chronic

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**LESION RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.54	1/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	2.2%	2.2%	0%	0%
TERMINAL (d)	0/33 (0%)	1/40 (3%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	684	729 (T)	---	---

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**STATISTICAL TESTS**

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

---

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Pancreas: Acinus Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.49	2/46.63	1/40.82	0/47.56
POLY-3 PERCENT (g)	2.2%	4.3%	2.5%	0%
TERMINAL (d)	0/33 (0%)	1/40 (3%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	697	687	688	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.241N	P=0.509	P=0.736	P=0.491N
POLY 1.5	P=0.245N	P=0.503	P=0.746	P=0.496N
POLY 6	P=0.232N	P=0.518	P=0.722	P=0.483N
COCH-ARM / FISHERS	P=0.247N	P=0.500	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.234N	P=0.290	P=0.470	P=0.159N

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
 Time Report Requested: 12:41:18  
 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Pituitary Gland Cyst</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/49 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/44.37	2/46.47	0/40.66	0/46.56
POLY-3 PERCENT (g)	0%	4.3%	0%	0%
TERMINAL (d)	0/32 (0%)	2/40 (5%)	0/26 (0%)	0/44 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.400N	P=0.248	(e)	(e)
POLY 1.5	P=0.404N	P=0.244	(e)	(e)
POLY 6	P=0.389N	P=0.254	(e)	(e)
COCH-ARM / FISHERS	P=0.406N	P=0.253	(e)	(e)
MAX-ISO-POLY-3	P=0.259N	P=0.085	(e)	(e)

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Pituitary Gland: Pars Distalis Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	5/49 (10%)	18/50 (36%)	6/50 (12%)	4/49 (8%)
POLY-3 RATE (b)	5/44.66	18/46.63	6/40.66	4/46.56
POLY-3 PERCENT (g)	11.2%	38.6%	14.8%	8.6%
TERMINAL (d)	4/32 (13%)	17/40 (43%)	6/26 (23%)	4/44 (9%)
FIRST INCIDENCE	649	687	729 (T)	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.061N	P=0.002**	P=0.434	P=0.474N
POLY 1.5	P=0.068N	P=0.002**	P=0.468	P=0.487N
POLY 6	P=0.048N*	P=0.002**	P=0.388	P=0.450N
COCH-ARM / FISHERS	P=0.084N	P=0.002**	P=0.514	P=0.500N
MAX-ISO-POLY-3	P=0.025N*	P<0.001**	P=0.321	P=0.342N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Salivary Glands</b>				
<b>Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.45	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Skin				
Ulcer				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/45.41	0/46.47	1/41.04	0/47.56
POLY-3 PERCENT (g)	2.2%	0%	2.4%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	718	---	621	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Skin: Subcutaneous Tissue Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	2.5%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	1/26 (4%)	0/45 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Spleen</b>				
<b>Hematopoietic Cell Proliferation</b>				
<b>LESION RATES</b>				
OVERALL (a)	30/50 (60%)	30/50 (60%)	27/50 (54%)	23/50 (46%)
POLY-3 RATE (b)	30/48.13	30/47.11	27/45.24	23/49.24
POLY-3 PERCENT (g)	62.3%	63.7%	59.7%	46.7%
TERMINAL (d)	20/33 (61%)	27/40 (68%)	17/26 (65%)	20/45 (44%)
FIRST INCIDENCE	506	650	381	491
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.042N*	P=0.530	P=0.480N	P=0.087N
POLY 1.5	P=0.052N	P=0.537	P=0.416N	P=0.100N
POLY 6	P=0.029N*	P=0.532	P=0.577N	P=0.069N
COCH-ARM / FISHERS	P=0.068N	P=0.581N	P=0.343N	P=0.115N
MAX-ISO-POLY-3	P=0.066N	P=0.444	P=0.395N	P=0.061N

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg

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Spleen: Lymphoid Follicle Atrophy

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LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	1/47.45	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	191	---	---

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STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Spleen: Lymphoid Follicle Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/33 (6%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.120N	P=0.232N	P=0.262N	P=0.227N
POLY 1.5	P=0.117N	P=0.236N	P=0.252N	P=0.232N
POLY 6	P=0.124N	P=0.226N	P=0.277N	P=0.218N
COCH-ARM / FISHERS	P=0.115N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.032N*	P=0.076N	P=0.100N	P=0.076N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Forestomach Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Forestomach Ulcer</b>				
<b>LESION RATES</b>				
OVERALL (a)	9/50 (18%)	4/50 (8%)	8/50 (16%)	3/50 (6%)
POLY-3 RATE (b)	9/46.41	4/46.47	8/41.10	3/47.56
POLY-3 PERCENT (g)	19.4%	8.6%	19.5%	6.3%
TERMINAL (d)	4/33 (12%)	4/40 (10%)	6/26 (23%)	3/45 (7%)
FIRST INCIDENCE	589	729 (T)	645	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.084N	P=0.114N	P=0.603	P=0.054N
POLY 1.5	P=0.087N	P=0.117N	P=0.563N	P=0.057N
POLY 6	P=0.076N	P=0.110N	P=0.541	P=0.048N*
COCH-ARM / FISHERS	P=0.093N	P=0.117N	P=0.500N	P=0.061N
MAX-ISO-POLY-3	P=0.044N*	P=0.066N	P=0.496	P=0.029N*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Forestomach: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/40.96	0/47.56
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	647	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	15/50 (30%)	29/49 (59%)	47/50 (94%)
POLY-3 RATE (b)	0/43.84	15/46.47	29/42.14	47/48.87
POLY-3 PERCENT (g)	0%	32.3%	68.8%	96.2%
TERMINAL (d)	0/33 (0%)	15/40 (38%)	21/26 (81%)	44/45 (98%)
FIRST INCIDENCE	---	729 (T)	606	505
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 20006 - 04  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular Mineralization</b>				
<b>LESION RATES</b>				
OVERALL (a)	2/48 (4%)	0/50 (0%)	3/49 (6%)	0/50 (0%)
POLY-3 RATE (b)	2/43.97	0/46.47	3/41.15	0/47.56
POLY-3 PERCENT (g)	4.6%	0%	7.3%	0%
TERMINAL (d)	1/33 (3%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	697	---	514	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.275N	P=0.225N	P=0.470	P=0.220N
POLY 1.5	P=0.280N	P=0.228N	P=0.486	P=0.224N
POLY 6	P=0.266N	P=0.221N	P=0.448	P=0.213N
COCH-ARM / FISHERS	P=0.287N	P=0.237N	P=0.510	P=0.237N
MAX-ISO-POLY-3	P=0.151N	P=0.074N	P=0.303	P=0.074N

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
 CAS Number: 700-06-1

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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular Pigmentation</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/48 (0%)	15/50 (30%)	31/49 (63%)	49/50 (98%)
POLY-3 RATE (b)	0/43.84	15/46.47	31/42.79	49/49.31
POLY-3 PERCENT (g)	0%	32.3%	72.5%	99.4%
TERMINAL (d)	0/33 (0%)	15/40 (38%)	22/26 (85%)	45/45 (100%)
FIRST INCIDENCE	---	729 (T)	514	505
<b>STATISTICAL TESTS</b>				
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**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 Indole-3-carbinol  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Stomach, Glandular: Epithelium Hyperplasia</b>				
<b>LESION RATES</b>				
OVERALL (a)	1/48 (2%)	7/50 (14%)	10/49 (20%)	35/50 (70%)
POLY-3 RATE (b)	1/43.84	7/46.47	10/41.12	35/49.21
POLY-3 PERCENT (g)	2.3%	15.1%	24.3%	71.1%
TERMINAL (d)	1/33 (3%)	7/40 (18%)	7/26 (27%)	32/45 (71%)
FIRST INCIDENCE	729 (T)	729 (T)	514	505
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001**	P=0.036*	P=0.002**	P<0.001**
POLY 1.5	P<0.001**	P=0.035*	P=0.003**	P<0.001**
POLY 6	P<0.001**	P=0.039*	P=0.002**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.034*	P=0.004**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.017*	P<0.001**	P<0.001**

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Thymus Atrophy				
<b>LESION RATES</b>				
OVERALL (a)	42/49 (86%)	40/50 (80%)	40/50 (80%)	41/50 (82%)
POLY-3 RATE (b)	42/48.87	40/48.95	40/47.69	41/49.57
POLY-3 PERCENT (g)	86%	81.7%	83.9%	82.7%
TERMINAL (d)	27/33 (82%)	33/40 (83%)	22/26 (85%)	37/45 (82%)
FIRST INCIDENCE	506	191	381	491
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.432N	P=0.383N	P=0.500N	P=0.435N
POLY 1.5	P=0.426N	P=0.353N	P=0.412N	P=0.425N
POLY 6	P=0.440N	P=0.424N	P=0.615	P=0.446N
COCH-ARM / FISHERS	P=0.417N	P=0.314N	P=0.314N	P=0.410N
MAX-ISO-POLY-3	P=0.522N	P=0.284N	P=0.385N	P=0.329N

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Tooth Dysplasia				
<hr/>				
<b>LESION RATES</b>				
OVERALL (a)	6/6 (100%)	9/9 (100%)	9/9 (100%)	10/11 (91%)
POLY-3 RATE (b)	6/6.00	9/9.00	9/9.00	10/11.00
POLY-3 PERCENT (g)	100%	100%	100%	90.9%
TERMINAL (d)	3/3 (100%)	9/9 (100%)	7/7 (100%)	9/10 (90%)
FIRST INCIDENCE	506	729 (T)	626	603
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.259N	(e)	(e)	P=0.619N
POLY 1.5	P=0.259N	(e)	(e)	P=0.619N
POLY 6	P=0.259N	(e)	(e)	P=0.619N
COCH-ARM / FISHERS	P=0.253N	(e)	(e)	P=0.647N
MAX-ISO-POLY-3	P=0.289N	(e)	(e)	P=0.261N

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Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
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 First Dose M/F: 04/03/07 / 04/02/07  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Urinary Bladder Infiltration Cellular Mononuclear Cell</b>				
<b>LESION RATES</b>				
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	6.6%	0%	0%	0%
TERMINAL (d)	3/33 (9%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.048N*	P=0.114N	P=0.139N	P=0.111N
POLY 1.5	P=0.047N*	P=0.118N	P=0.130N	P=0.115N
POLY 6	P=0.050N*	P=0.109N	P=0.152N	P=0.103N
COCH-ARM / FISHERS	P=0.047N*	P=0.121N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.009N**	P=0.038N*	P=0.055N	P=0.038N*

Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
Time Report Requested: 12:41:18  
First Dose M/F: 04/03/07 / 04/02/07  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Urinary Bladder Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)

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Experiment Number: 20006 - 04  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Indole-3-carbinol  
CAS Number: 700-06-1

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Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Uterus</b>				
<b>Inflammation Chronic</b>				
<b>LESION RATES</b>				
OVERALL (a)	0/50 (0%)	4/50 (8%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	4/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	8.6%	0%	0%
TERMINAL (d)	0/33 (0%)	4/40 (10%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.233N	P=0.063	(e)	(e)
POLY 1.5	P=0.239N	P=0.061	(e)	(e)
POLY 6	P=0.219N	P=0.067	(e)	(e)
COCH-ARM / FISHERS	P=0.247N	P=0.059	(e)	(e)
MAX-ISO-POLY-3	P=0.117N	P=0.022*	(e)	(e)

Experiment Number: 20006 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol  
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012  
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 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<b>Uterus: Endometrium Hyperplasia Cystic</b>				
<b>LESION RATES</b>				
OVERALL (a)	36/50 (72%)	32/50 (64%)	30/50 (60%)	34/50 (68%)
POLY-3 RATE (b)	36/47.11	32/47.90	30/45.86	34/48.78
POLY-3 PERCENT (g)	76.4%	66.8%	65.4%	69.7%
TERMINAL (d)	29/33 (88%)	27/40 (68%)	18/26 (69%)	32/45 (71%)
FIRST INCIDENCE	568	620	381	505
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.338N	P=0.202N	P=0.161N	P=0.301N
POLY 1.5	P=0.371N	P=0.241N	P=0.154N	P=0.353N
POLY 6	P=0.283N	P=0.145N	P=0.172N	P=0.222N
COCH-ARM / FISHERS	P=0.420N	P=0.260N	P=0.146N	P=0.414N
MAX-ISO-POLY-3	P=0.264N	P=0.144N	P=0.112N	P=0.228N

Experiment Number: 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 06/15/2012

Time Report Requested: 12:41:18

First Dose M/F: 04/03/07 / 04/02/07

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.
  - (e) Value of statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (n) No statistics are calculated if all dose groups have fewer than two tumors.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

\*\*\* END OF REPORT \*\*\*