

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

FEMALE MICE

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

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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

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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
Adrenal Cortex Hypertrophy				
LESION RATES				
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)	---
STATISTICAL TESTS				
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)

Experiment Number: 20006 - 04
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Adrenal Cortex				
Vacuolization Cytoplasmic				
<hr/>				
LESION RATES				
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)	---	---
<hr/>				
STATISTICAL TESTS				
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)

Experiment Number: 20006 - 04
Test Type: CHRONIC
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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
Adrenal Medulla Hyperplasia				
LESION RATES				
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)
STATISTICAL TESTS				
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**

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

Bone
Fibro-osseous Lesion

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	---	---	---	---

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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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

Brain: Hypothalamus
Compression

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	---	---	---	---

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
Epididymis				
Infiltration Cellular Mononuclear Cell				
<hr/>				
LESION RATES				
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
<hr/>				
STATISTICAL TESTS				
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Epididymis Inflammation Chronic				
LESION RATES				
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)	---	---
STATISTICAL TESTS				
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Eye: Cornea				
Inflammation Chronic				
<hr/>				
LESION RATES				
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/>				
STATISTICAL TESTS				
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Harderian Gland Dilatation				
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	---	---	---	---
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
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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
Harderian Gland Hyperplasia				
LESION RATES				
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
STATISTICAL TESTS				
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
Harderian Gland Infiltration Cellular Mononuclear Cell				
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	---	---	---	---
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
Heart				
Cardiomyopathy				
LESION RATES				
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
STATISTICAL TESTS				
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

Experiment Number: 20006 - 04
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Heart: Myocardium Mineralization				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Islets, Pancreatic Hyperplasia				
LESION RATES				
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)	---
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
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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				
LESION RATES				
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	---	---
STATISTICAL TESTS				
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Kidney				
Inflammation Acute				
<hr/>				
LESION RATES				
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/>				
STATISTICAL TESTS				
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)

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
Kidney Mineralization				
LESION RATES				
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)
STATISTICAL TESTS				
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

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	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Kidney				
Nephropathy				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Kidney: Pelvis Inflammation				
LESION RATES				
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	---
STATISTICAL TESTS				
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
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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: Renal Tubule Cyst				
LESION RATES				
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)
STATISTICAL TESTS				
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

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: Renal Tubule Pigmentation				
LESION RATES				
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
STATISTICAL TESTS				
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
<hr/>				
Liver				
Basophilic Focus				
<hr/>				
LESION RATES				
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
<hr/>				
STATISTICAL TESTS				
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
Liver				
Clear Cell Focus				
LESION RATES				
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
STATISTICAL TESTS				
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
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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
Liver				
Eosinophilic Focus				
LESION RATES				
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
STATISTICAL TESTS				
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

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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver Fatty Change				
<hr/>				
LESION RATES				
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
<hr/>				
STATISTICAL TESTS				
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
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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
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
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	---	---	---	---
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

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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
<hr/>				
Liver Hemorrhage				
<hr/>				
LESION RATES				
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	---	---	---	---
<hr/>				
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	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Mixed Cell Focus				
LESION RATES				
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
STATISTICAL TESTS				
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

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
<hr/>				
Liver Necrosis				
<hr/>				
LESION RATES				
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/>				
STATISTICAL TESTS				
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

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
Lung				
Infiltration Cellular Histiocyte				
LESION RATES				
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)
STATISTICAL TESTS				
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
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
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
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	---
STATISTICAL TESTS				
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*

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
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Lymph Node: Renal Ectasia				
LESION RATES				
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	---	---	---	---
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	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Mesentery: Fat Necrosis				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Nose				
Foreign Body				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Nose Inflammation				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Nose				
Polyp, Inflammatory				
LESION RATES				
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)
STATISTICAL TESTS				
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

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
Nose: Nerve Atrophy				
LESION RATES				
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
STATISTICAL TESTS				
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**

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
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
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
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

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
Nose: Olfactory Epithelium Atrophy				
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
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**

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
Nose: Olfactory Epithelium Degeneration				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose: Olfactory Epithelium Metaplasia				
LESION RATES				
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)
STATISTICAL TESTS				
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
Nose: Olfactory Epithelium Necrosis				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose: Olfactory Epithelium Respiratory Metaplasia				
LESION RATES				
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
STATISTICAL TESTS				
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**

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

Nose: Respiratory Epithelium
Accumulation, Hyaline Droplet

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

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

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
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
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
STATISTICAL TESTS				
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**

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

Nose: Respiratory Epithelium
Necrosis

LESION RATES

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

STATISTICAL TESTS

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

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
Pancreas				
Inflammation Chronic				
LESION RATES				
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
STATISTICAL TESTS				
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

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

Pancreas: Acinus
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	---	---	---	---

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	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Pituitary Gland Cyst				
LESION RATES				
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)
STATISTICAL TESTS				
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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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

Pituitary Gland: Pars Distalis
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	---	---	---	---

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	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Preputial Gland Cyst				
LESION RATES				
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
STATISTICAL TESTS				
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
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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
Preputial Gland Inflammation				
LESION RATES				
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	---	---	---
STATISTICAL TESTS				
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
Preputial Gland Inflammation Granulomatous				
LESION RATES				
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)
STATISTICAL TESTS				
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
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
Prostate Hyperplasia				
LESION RATES				
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)
STATISTICAL TESTS				
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Salivary Glands				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Skin				
Ulcer				
LESION RATES				
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)
STATISTICAL TESTS				
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin: Subcutaneous Tissue Inflammation Chronic				
LESION RATES				
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	---
STATISTICAL TESTS				
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)

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
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Spleen: Lymphoid Follicle Atrophy				
LESION RATES				
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	---	---	---
STATISTICAL TESTS				
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**

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	---	---	---	---

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	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
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)
STATISTICAL TESTS				
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**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Stomach, Forestomach Ulcer				
LESION RATES				
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
STATISTICAL TESTS				
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*

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
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Stomach, Glandular Inflammation Chronic				
LESION RATES				
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
STATISTICAL TESTS				
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
Stomach, Glandular Mineralization				
LESION RATES				
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	---	---
STATISTICAL TESTS				
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
Stomach, Glandular Pigmentation				
LESION RATES				
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
STATISTICAL TESTS				
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
Stomach, Glandular: Epithelium Hyperplasia				
LESION RATES				
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
STATISTICAL TESTS				
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
Testes: Germinal Epithelium Atrophy				
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
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

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
Thymus Atrophy				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Tooth Dysplasia				
LESION RATES				
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
STATISTICAL TESTS				
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)

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
Urinary Bladder Infiltration Cellular Mononuclear Cell				
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	---	---	---	---
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	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Urinary Bladder Inflammation Chronic				
LESION RATES				
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)	---	---
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Adrenal Cortex Hypertrophy				
LESION RATES				
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	---	---	---	---
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
Adrenal Cortex				
Vacuolization Cytoplasmic				
LESION RATES				
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)	---
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
Adrenal Medulla Hyperplasia				
LESION RATES				
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	---
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Bone				
Fibro-osseous Lesion				
LESION RATES				
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
STATISTICAL TESTS				
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*

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
Brain: Hypothalamus Compression				
LESION RATES				
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)	---	---	---
STATISTICAL TESTS				
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
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

Eye: Cornea
Inflammation Chronic

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

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
Harderian Gland Dilatation				
LESION RATES				
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)
STATISTICAL TESTS				
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
 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
Harderian Gland Hyperplasia				
LESION RATES				
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)
STATISTICAL TESTS				
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
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
Harderian Gland Infiltration Cellular Mononuclear Cell				
LESION RATES				
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
STATISTICAL TESTS				
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
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
Heart				
Cardiomyopathy				
LESION RATES				
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)
STATISTICAL TESTS				
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

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
Heart: Myocardium Mineralization				
LESION RATES				
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)
STATISTICAL TESTS				
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

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
Islets, Pancreatic Hyperplasia				
LESION RATES				
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)
STATISTICAL TESTS				
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				
LESION RATES				
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)	---
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Kidney				
Inflammation Acute				
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
Kidney Mineralization				
LESION RATES				
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	---
STATISTICAL TESTS				
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
Kidney				
Nephropathy				
<hr/>				
LESION RATES				
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
<hr/>				
STATISTICAL TESTS				
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
Kidney: Pelvis Inflammation				
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
Kidney: Renal Tubule Cyst				
LESION RATES				
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
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
Kidney: Renal Tubule Pigmentation				
LESION RATES				
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	---	---	---
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
Liver				
Basophilic Focus				
LESION RATES				
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)
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver				
Clear Cell Focus				
<hr/>				
LESION RATES				
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/>				
STATISTICAL TESTS				
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

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
Liver				
Eosinophilic Focus				
LESION RATES				
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
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver Fatty Change				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Liver				
Hematopoietic Cell Proliferation				
LESION RATES				
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	---	---	---
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
<hr/>				
Liver Hemorrhage				
<hr/>				
LESION RATES				
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/>				
STATISTICAL TESTS				
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)

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
Liver				
Mixed Cell Focus				
LESION RATES				
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)
STATISTICAL TESTS				
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

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 Necrosis				
<hr/>				
LESION RATES				
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/>				
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
Lung				
Infiltration Cellular Histiocyte				
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
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
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)
STATISTICAL TESTS				
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

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
Lymph Node, Mesenteric Hyperplasia Lymphoid				
LESION RATES				
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	---	---	---	---
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

Lymph Node: Renal
Ectasia

LESION RATES

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)	---

STATISTICAL TESTS

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
Mesentery: Fat Necrosis				
LESION RATES				
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)
STATISTICAL TESTS				
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
Nose				
Foreign Body				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose Inflammation				
LESION RATES				
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
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Nose				
Polyp, Inflammatory				
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: Nerve Atrophy				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose: Olfactory Epithelium Atrophy				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose: Olfactory Epithelium Degeneration				
LESION RATES				
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)
STATISTICAL TESTS				
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
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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
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	---

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)

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 Respiratory Metaplasia				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
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
STATISTICAL TESTS				
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
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
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
STATISTICAL TESTS				
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**

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

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				
LESION RATES				
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)
STATISTICAL TESTS				
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
Ovary Thrombosis				
LESION RATES				
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)
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Pancreas				
Inflammation Chronic				
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)	---	---
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
Pancreas: Acinus Hyperplasia				
LESION RATES				
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	---
STATISTICAL TESTS				
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
Pituitary Gland Cyst				
LESION RATES				
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)	---	---
STATISTICAL TESTS				
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
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
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)
STATISTICAL TESTS				
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**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Salivary Glands				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
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	---	---	---	---
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
Skin Ulcer				
LESION RATES				
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	---
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
Skin: Subcutaneous Tissue Inflammation Chronic				
LESION RATES				
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)	---
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
Spleen				
Hematopoietic Cell Proliferation				
LESION RATES				
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
STATISTICAL TESTS				
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

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

Spleen: Lymphoid Follicle Atrophy

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	---	---

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
Spleen: Lymphoid Follicle Hyperplasia				
LESION RATES				
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)	---	---	---
STATISTICAL TESTS				
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
 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
Stomach, Forestomach Inflammation Chronic				
LESION RATES				
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)	---	---	---
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
Stomach, Forestomach Ulcer				
LESION RATES				
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)
STATISTICAL TESTS				
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

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

Stomach, Forestomach: Epithelium
Hyperplasia

LESION RATES

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	---

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
Stomach, Glandular Inflammation Chronic				
LESION RATES				
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
STATISTICAL TESTS				
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
 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
Stomach, Glandular Mineralization				
LESION RATES				
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	---
STATISTICAL TESTS				
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

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
Stomach, Glandular Pigmentation				
LESION RATES				
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
STATISTICAL TESTS				
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
 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
Stomach, Glandular: Epithelium Hyperplasia				
LESION RATES				
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
STATISTICAL TESTS				
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
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/>				
Thymus Atrophy				
<hr/>				
LESION RATES				
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
<hr/>				
STATISTICAL TESTS				
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
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
Tooth Dysplasia				
LESION RATES				
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
STATISTICAL TESTS				
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

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
Urinary Bladder Infiltration Cellular Mononuclear Cell				
LESION RATES				
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)	---	---	---
STATISTICAL TESTS				
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
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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
Urinary Bladder Inflammation Chronic				
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

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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
Uterus				
Inflammation Chronic				
LESION RATES				
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)	---	---
STATISTICAL TESTS				
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
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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
Uterus: Endometrium Hyperplasia Cystic				
LESION RATES				
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
STATISTICAL TESTS				
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

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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 ***