

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

Mice_Final Version 1

NTP Study Number: C10987
Lock Date: 11/26/2013
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF DIBUTYL PHTHALATE

MALE MICE

Organ

Adrenal Cortex

Bone Marrow

Bone: Intervertebral Disc

Epididymis: Bilateral, Duct

Epididymis: Duct

Kidney

Kidney: Pelvis

Kidney: Renal Tubule

Liver

Liver: Bile Duct

Liver: Hepatocyte

Lung

Lymph Node, Mandibular

Lymph Node, Mesenteric

Nose

Nose: Respiratory Epithelium

Pancreas: Acinus

Stomach, Forestomach: Epithelium

Testis: Bilateral, Germinal Epithelium

Testis: Germinal Epithelium

Thymus

Morphology

Hypertrophy Focal

Hypercellularity

Degeneration

Atrophy

Atrophy

Exfoliated Germ Cell

Infarct

Metaplasia Osseous

Mineral

Nephropathy Chronic Progressive

Dilation

Cyst

Clear Cell Focus

Eosinophilic Focus

Extramedullary Hematopoiesis

Fatty Change

Mixed Cell Focus

Accumulation, Hyaline Droplet

Cytoplasmic Alteration

Multinucleated

Infiltration Cellular Mononuclear Cell

Atrophy

Extramedullary Hematopoiesis

Hyperplasia Lymphocyte

Eosinophilic Material

Hyperplasia

Atrophy

Hyperplasia

Degeneration

Degeneration

Cyst

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

FEMALE MICE

Organ

Adrenal Cortex: Subcapsular
Blood Vessel

Heart
Heart: Valve

Kidney
Kidney: Renal Tubule
Liver

Liver: Hepatocyte
Lymph Node, Mandibular
Lymph Node, Mesenteric

Mesentery: Fat
Nose: Respiratory Epithelium
Ovary
Spleen
Thymus
Urinary Bladder
Uterus: Endometrium

Morphology

Hyperplasia
Inflammation Chronic
Mineral
Cardiomyopathy
Bacterium
Inflammation Chronic
Infarct
Hyperplasia
Basophilic Focus
Necrosis
Tension Lipidosis
Cytoplasmic Alteration
Atrophy
Atrophy
Extramedullary Hematopoiesis
Necrosis
Hyperplasia
Angiectasis
Extramedullary Hematopoiesis
Cyst
Infiltration Cellular Lymphocyte
Hyperplasia Cystic

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Adrenal Cortex				
Hypertrophy Focal				
LESION RATES				
OVERALL (a)	3/50 (6%)	2/50 (4%)	6/50 (12%)	0/50 (0%)
POLY-3 RATE (b)	3/48.76	2/47.43	6/45.38	0/46.63
POLY-3 PERCENT (g)	6.2%	4.2%	13.2%	0%
TERMINAL (d)	3/44 (7%)	2/40 (5%)	6/36 (17%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.125N	P=0.513N	P=0.208	P=0.127N
POLY 1.5	P=0.124N	P=0.508N	P=0.221	P=0.125N
POLY 6	P=0.127N	P=0.519N	P=0.194	P=0.129N
COCH-ARM / FISHERS	P=0.117N	P=0.500N	P=0.243	P=0.121N
MAX-ISO-POLY-3	P=0.086N	P=0.337N	P=0.131	P=0.045N*

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Adrenal Cortex: Subcapsular Hyperplasia				
LESION RATES				
OVERALL (a)	22/50 (44%)	26/50 (52%)	27/50 (54%)	20/50 (40%)
POLY-3 RATE (b)	22/48.76	26/49.51	27/46.54	20/46.63
POLY-3 PERCENT (g)	45.1%	52.5%	58%	42.9%
TERMINAL (d)	22/44 (50%)	20/40 (50%)	24/36 (67%)	20/43 (47%)
FIRST INCIDENCE	730 (T)	307	504	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.296N	P=0.298	P=0.144	P=0.495N
POLY 1.5	P=0.275N	P=0.289	P=0.165	P=0.478N
POLY 6	P=0.319N	P=0.306	P=0.121	P=0.514N
COCH-ARM / FISHERS	P=0.213N	P=0.274	P=0.212	P=0.420N
MAX-ISO-POLY-3	P=0.319N	P=0.234	P=0.106	P=0.413N

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Blood Vessel				
Inflammation Chronic				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/45.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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)

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Blood Vessel				
Mineral				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	1/45.70	0/45.83
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	---	641	---
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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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Blood Vessel: Aorta Hemorrhage				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	2/45.96	0/45.83
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	---	551	---
STATISTICAL TESTS				
POLY 3	P=0.692N	(e)	P=0.224	(e)
POLY 1.5	P=0.690N	(e)	P=0.229	(e)
POLY 6	P=0.693N	(e)	P=0.219	(e)
COCH-ARM / FISHERS	P=0.680N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.251	(e)	P=0.076	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone Marrow Hypercellularity				
LESION RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	0/49 (0%)	3/50 (6%)
POLY-3 RATE (b)	4/48.83	3/47.84	0/44.78	3/47.01
POLY-3 PERCENT (g)	8.2%	6.3%	0%	6.4%
TERMINAL (d)	3/44 (7%)	1/40 (3%)	0/36 (0%)	2/43 (5%)
FIRST INCIDENCE	712	652	---	624
STATISTICAL TESTS				
POLY 3	P=0.554N	P=0.511N	P=0.072N	P=0.521N
POLY 1.5	P=0.554N	P=0.508N	P=0.069N	P=0.517N
POLY 6	P=0.553N	P=0.516N	P=0.077N	P=0.524N
COCH-ARM / FISHERS	P=0.549N	P=0.500N	P=0.061N	P=0.500N
MAX-ISO-POLY-3	P=0.235N	P=0.359N	P=0.028N*	P=0.369N

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone Marrow Hypocellularity				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	1/48.76	1/47.65	1/44.89	1/47.47
POLY-3 PERCENT (g)	2.1%	2.1%	2.2%	2.1%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	673	701	400
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/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone: Intervertebral Disc Degeneration				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	2/46.63
POLY-3 PERCENT (g)	0%	0%	0%	4.3%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	2/43 (5%)
FIRST INCIDENCE	---	---	---	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.040*	(e)	(e)	P=0.228
POLY 1.5	P=0.040*	(e)	(e)	P=0.230
POLY 6	P=0.039*	(e)	(e)	P=0.225
COCH-ARM / FISHERS	P=0.042*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.035*	(e)	(e)	P=0.076

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Coagulating Gland Atrophy				
LESION RATES				
OVERALL (a)	0/0 (0%)	1/1 (100%)	3/4 (75%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	1/1.00	3/4.00	1/1.00
POLY-3 PERCENT (g)	0%	100%	75%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	---	723	727	688
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.847	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Coagulating Gland: Bilateral Atrophy				
LESION RATES				
OVERALL (a)	0/0 (0%)	1/1 (100%)	3/4 (75%)	1/1 (100%)
POLY-3 RATE (b)	0/0.00	1/1.00	3/4.00	1/1.00
POLY-3 PERCENT (g)	0%	100%	75%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	---	723	727	688
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.847	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Epididymis				
Hypospermia				
LESION RATES				
OVERALL (a)	1/50 (2%)	4/50 (8%)	3/50 (6%)	3/50 (6%)
POLY-3 RATE (b)	1/48.76	4/47.46	3/45.41	3/47.17
POLY-3 PERCENT (g)	2.1%	8.4%	6.6%	6.4%
TERMINAL (d)	1/44 (2%)	3/40 (8%)	0/36 (0%)	1/43 (2%)
FIRST INCIDENCE	730 (T)	723	727	624
STATISTICAL TESTS				
POLY 3	P=0.452	P=0.171	P=0.280	P=0.294
POLY 1.5	P=0.453	P=0.174	P=0.289	P=0.295
POLY 6	P=0.453	P=0.167	P=0.270	P=0.293
COCH-ARM / FISHERS	P=0.468	P=0.181	P=0.309	P=0.309
MAX-ISO-POLY-3	P=0.239	P=0.082	P=0.146	P=0.150

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Epididymis				
Sperm Granuloma				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/48.76	2/47.43	0/45.38	2/46.63
POLY-3 PERCENT (g)	0%	4.2%	0%	4.3%
TERMINAL (d)	0/44 (0%)	2/40 (5%)	0/36 (0%)	2/43 (5%)
FIRST INCIDENCE	---	730 (T)	---	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.269	P=0.231	(e)	P=0.228
POLY 1.5	P=0.271	P=0.233	(e)	P=0.230
POLY 6	P=0.267	P=0.228	(e)	P=0.225
COCH-ARM / FISHERS	P=0.280	P=0.247	(e)	P=0.247
MAX-ISO-POLY-3	P=0.123	P=0.076	(e)	P=0.076

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Epididymis: Bilateral Hypospermia				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/48.76	1/47.46	3/45.41	2/47.17
POLY-3 PERCENT (g)	2.1%	2.1%	6.6%	4.2%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	723	727	624
STATISTICAL TESTS				
POLY 3	P=0.410	P=0.754	P=0.280	P=0.488
POLY 1.5	P=0.410	P=0.756	P=0.289	P=0.490
POLY 6	P=0.411	P=0.751	P=0.270	P=0.488
COCH-ARM / FISHERS	P=0.422	P=0.753N	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.318	P=0.492	P=0.146	P=0.274

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Epididymis: Bilateral, Duct Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/48.76	1/47.46	3/45.41	1/46.80
POLY-3 PERCENT (g)	0%	2.1%	6.6%	2.1%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	723	727	688
STATISTICAL TESTS				
POLY 3	P=0.526	P=0.495	P=0.107	P=0.492
POLY 1.5	P=0.530	P=0.496	P=0.111	P=0.493
POLY 6	P=0.523	P=0.492	P=0.102	P=0.490
COCH-ARM / FISHERS	P=0.546	P=0.500	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.156	P=0.159	P=0.038*	P=0.159

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Epididymis: Bilateral, Duct Exfoliated Germ Cell				
LESION RATES				
OVERALL (a)	4/50 (8%)	7/50 (14%)	5/50 (10%)	8/50 (16%)
POLY-3 RATE (b)	4/49.59	7/47.96	5/45.97	8/47.60
POLY-3 PERCENT (g)	8.1%	14.6%	10.9%	16.8%
TERMINAL (d)	2/44 (5%)	4/40 (10%)	2/36 (6%)	5/43 (12%)
FIRST INCIDENCE	492	652	551	607
STATISTICAL TESTS				
POLY 3	P=0.193	P=0.243	P=0.453	P=0.159
POLY 1.5	P=0.195	P=0.249	P=0.470	P=0.162
POLY 6	P=0.193	P=0.236	P=0.433	P=0.157
COCH-ARM / FISHERS	P=0.210	P=0.262	P=0.500	P=0.178
MAX-ISO-POLY-3	P=0.163	P=0.159	P=0.326	P=0.100

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Epididymis: Duct Atrophy				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	0/48.76	1/47.46	3/45.41	1/46.80
POLY-3 PERCENT (g)	0%	2.1%	6.6%	2.1%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	723	727	688
STATISTICAL TESTS				
POLY 3	P=0.526	P=0.495	P=0.107	P=0.492
POLY 1.5	P=0.530	P=0.496	P=0.111	P=0.493
POLY 6	P=0.523	P=0.492	P=0.102	P=0.490
COCH-ARM / FISHERS	P=0.546	P=0.500	P=0.121	P=0.500
MAX-ISO-POLY-3	P=0.156	P=0.159	P=0.038*	P=0.159

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Epididymis: Duct Exfoliated Germ Cell				
LESION RATES				
OVERALL (a)	6/50 (12%)	10/50 (20%)	5/50 (10%)	13/50 (26%)
POLY-3 RATE (b)	6/49.67	10/47.99	5/45.97	13/47.60
POLY-3 PERCENT (g)	12.1%	20.8%	10.9%	27.3%
TERMINAL (d)	3/44 (7%)	6/40 (15%)	2/36 (6%)	10/43 (23%)
FIRST INCIDENCE	492	652	551	607
STATISTICAL TESTS				
POLY 3	P=0.049*	P=0.186	P=0.554N	P=0.049*
POLY 1.5	P=0.050*	P=0.193	P=0.534N	P=0.051
POLY 6	P=0.049*	P=0.178	P=0.577N	P=0.048*
COCH-ARM / FISHERS	P=0.059	P=0.207	P=0.500N	P=0.062
MAX-ISO-POLY-3	P=0.041*	P=0.126	P=0.428N	P=0.031*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Eye				
Phthisis Bulbi				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/48.76	0/47.43	0/45.38	1/46.63
POLY-3 PERCENT (g)	2.1%	0%	0%	2.1%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	1/43 (2%)
FIRST INCIDENCE	730 (T)	---	---	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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
<hr/>				
Eye: Lens				
Cataract				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Harderian Gland Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/48.76	1/47.43	1/45.38	2/46.63
POLY-3 PERCENT (g)	2.1%	2.1%	2.2%	4.3%
TERMINAL (d)	1/44 (2%)	1/40 (3%)	1/36 (3%)	2/43 (5%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.354	P=0.754	P=0.744	P=0.484
POLY 1.5	P=0.356	P=0.756	P=0.750	P=0.488
POLY 6	P=0.352	P=0.751	P=0.737	P=0.481
COCH-ARM / FISHERS	P=0.364	P=0.753N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.410	P=0.491	P=0.479	P=0.272

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Harderian Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/48.76	0/47.43	1/45.39	0/46.63
POLY-3 PERCENT (g)	4.1%	0%	2.2%	0%
TERMINAL (d)	2/44 (5%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	---	729	---
STATISTICAL TESTS				
POLY 3	P=0.277N	P=0.244N	P=0.525N	P=0.247N
POLY 1.5	P=0.277N	P=0.241N	P=0.516N	P=0.245N
POLY 6	P=0.275N	P=0.247N	P=0.536N	P=0.250N
COCH-ARM / FISHERS	P=0.276N	P=0.247N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.093N	P=0.082N	P=0.308N	P=0.086N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	11/50 (22%)	14/50 (28%)	8/50 (16%)	14/50 (28%)
POLY-3 RATE (b)	11/48.76	14/47.68	8/45.65	14/47.06
POLY-3 PERCENT (g)	22.6%	29.4%	17.5%	29.8%
TERMINAL (d)	11/44 (25%)	12/40 (30%)	7/36 (19%)	13/43 (30%)
FIRST INCIDENCE	730 (T)	673	659	607
STATISTICAL TESTS				
POLY 3	P=0.308	P=0.299	P=0.363N	P=0.286
POLY 1.5	P=0.311	P=0.307	P=0.342N	P=0.292
POLY 6	P=0.307	P=0.288	P=0.387N	P=0.280
COCH-ARM / FISHERS	P=0.335	P=0.322	P=0.306N	P=0.322
MAX-ISO-POLY-3	P=0.342	P=0.227	P=0.279N	P=0.217

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
<hr/>				
Heart: Valve Bacterium				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Heart: Valve				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Ileum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	2/48 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/47.83	0/46.66	2/43.89	0/46.63
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	2/36 (6%)	0/43 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.683N	(e)	P=0.219	(e)
POLY 1.5	P=0.681N	(e)	P=0.223	(e)
POLY 6	P=0.686N	(e)	P=0.213	(e)
COCH-ARM / FISHERS	P=0.670N	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.246	(e)	P=0.075	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Ileum: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	1/48 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/47.83	0/46.66	1/43.89	0/46.63
POLY-3 PERCENT (g)	0%	0%	2.3%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	1/36 (3%)	0/43 (0%)
FIRST INCIDENCE	---	---	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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Jejunum Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/48.76	0/46.66	0/43.89	0/46.63
POLY-3 PERCENT (g)	2.1%	0%	0%	0%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm

Intestine Small, Jejunum: Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	0/50 (0%)	1/49 (2%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	1/46.88	0/43.89	0/46.63
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	673	---	---

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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Jejunum: Peyer's Patch Hyperplasia Lymphocyte				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/49 (0%)	2/48 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/48.76	0/46.66	2/43.89	4/46.63
POLY-3 PERCENT (g)	4.1%	0%	4.6%	8.6%
TERMINAL (d)	2/44 (5%)	0/40 (0%)	2/36 (6%)	4/43 (9%)
FIRST INCIDENCE	730 (T)	---	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.088	P=0.247N	P=0.655	P=0.317
POLY 1.5	P=0.089	P=0.246N	P=0.663	P=0.322
POLY 6	P=0.087	P=0.250N	P=0.646	P=0.312
COCH-ARM / FISHERS	P=0.094	P=0.253N	P=0.676	P=0.339
MAX-ISO-POLY-3	P=0.100	P=0.085N	P=0.458	P=0.191

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	11/50 (22%)	11/50 (22%)	11/49 (22%)	7/50 (14%)
POLY-3 RATE (b)	11/48.90	11/47.43	11/44.78	7/47.20
POLY-3 PERCENT (g)	22.5%	23.2%	24.6%	14.8%
TERMINAL (d)	10/44 (23%)	11/40 (28%)	11/36 (31%)	5/43 (12%)
FIRST INCIDENCE	694	730 (T)	730 (T)	624
STATISTICAL TESTS				
POLY 3	P=0.167N	P=0.564	P=0.503	P=0.242N
POLY 1.5	P=0.168N	P=0.575	P=0.529	P=0.239N
POLY 6	P=0.164N	P=0.546	P=0.472	P=0.246N
COCH-ARM / FISHERS	P=0.154N	P=0.595N	P=0.574	P=0.218N
MAX-ISO-POLY-3	P=0.253N	P=0.467	P=0.409	P=0.173N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/48.76	0/47.43	2/45.38	1/46.63
POLY-3 PERCENT (g)	0%	0%	4.4%	2.1%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	2/36 (6%)	1/43 (2%)
FIRST INCIDENCE	---	---	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.367	(e)	P=0.222	P=0.491
POLY 1.5	P=0.370	(e)	P=0.227	P=0.493
POLY 6	P=0.364	(e)	P=0.215	P=0.489
COCH-ARM / FISHERS	P=0.383	(e)	P=0.247	P=0.500
MAX-ISO-POLY-3	P=0.171	(e)	P=0.076	P=0.159

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney Infarct				
LESION RATES				
OVERALL (a)	5/50 (10%)	7/50 (14%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	5/48.81	7/47.66	1/45.54	0/46.63
POLY-3 PERCENT (g)	10.2%	14.7%	2.2%	0%
TERMINAL (d)	4/44 (9%)	6/40 (15%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	718	669	688	---
STATISTICAL TESTS				
POLY 3	P=0.009N**	P=0.363	P=0.119N	P=0.035N*
POLY 1.5	P=0.009N**	P=0.369	P=0.113N	P=0.034N*
POLY 6	P=0.009N**	P=0.355	P=0.126N	P=0.036N*
COCH-ARM / FISHERS	P=0.009N**	P=0.380	P=0.102N	P=0.028N*
MAX-ISO-POLY-3	P=0.013N*	P=0.258	P=0.060N	P=0.013N*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	3/48.83	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	6.1%	0%	0%	0%
TERMINAL (d)	2/44 (5%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	712	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.141N	P=0.124N	P=0.133N	P=0.127N
POLY 1.5	P=0.143N	P=0.122N	P=0.128N	P=0.126N
POLY 6	P=0.139N	P=0.127N	P=0.139N	P=0.130N
COCH-ARM / FISHERS	P=0.149N	P=0.121N	P=0.121N	P=0.121N
MAX-ISO-POLY-3	P=0.014N*	P=0.042N*	P=0.050N*	P=0.045N*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney Mineral				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	1/48.76	2/47.43	6/45.97	2/47.06
POLY-3 PERCENT (g)	2.1%	4.2%	13.1%	4.3%
TERMINAL (d)	1/44 (2%)	2/40 (5%)	4/36 (11%)	1/43 (2%)
FIRST INCIDENCE	730 (T)	730 (T)	641	607
STATISTICAL TESTS				
POLY 3	P=0.543	P=0.490	P=0.047*	P=0.488
POLY 1.5	P=0.545	P=0.494	P=0.050*	P=0.490
POLY 6	P=0.542	P=0.485	P=0.044*	P=0.486
COCH-ARM / FISHERS	P=0.563	P=0.500	P=0.056	P=0.500
MAX-ISO-POLY-3	P=0.140	P=0.275	P=0.022*	P=0.274

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	44/50 (88%)	45/50 (90%)	42/50 (84%)	37/50 (74%)
POLY-3 RATE (b)	44/49.59	45/48.32	42/46.80	37/48.17
POLY-3 PERCENT (g)	88.7%	93.1%	89.7%	76.8%
TERMINAL (d)	42/44 (96%)	40/40 (100%)	34/36 (94%)	32/43 (74%)
FIRST INCIDENCE	492	613	551	607
STATISTICAL TESTS				
POLY 3	P=0.012N*	P=0.335	P=0.570	P=0.095N
POLY 1.5	P=0.016N*	P=0.387	P=0.590N	P=0.095N
POLY 6	P=0.006N**	P=0.278	P=0.465	P=0.084N
COCH-ARM / FISHERS	P=0.016N*	P=0.500	P=0.387N	P=0.062N
MAX-ISO-POLY-3	P=0.019N*	P=0.217	P=0.432	P=0.059N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Glomerulus Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	2/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	4.4%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	2/36 (6%)	0/43 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.688N	(e)	P=0.222	(e)
POLY 1.5	P=0.686N	(e)	P=0.227	(e)
POLY 6	P=0.690N	(e)	P=0.215	(e)
COCH-ARM / FISHERS	P=0.675N	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.249	(e)	P=0.076	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Pelvis Dilation				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	3/46.67	0/46.63
POLY-3 PERCENT (g)	0%	0%	6.4%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	1/36 (3%)	0/43 (0%)
FIRST INCIDENCE	---	---	244	---
STATISTICAL TESTS				
POLY 3	P=0.634N	(e)	P=0.111	(e)
POLY 1.5	P=0.632N	(e)	P=0.115	(e)
POLY 6	P=0.637N	(e)	P=0.107	(e)
COCH-ARM / FISHERS	P=0.617N	(e)	P=0.121	(e)
MAX-ISO-POLY-3	P=0.171	(e)	P=0.038*	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Renal Tubule Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	1/48.36	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	307	---	---
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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Renal Tubule Cyst				
LESION RATES				
OVERALL (a)	4/50 (8%)	5/50 (10%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	4/48.76	5/47.84	1/45.38	0/46.63
POLY-3 PERCENT (g)	8.2%	10.5%	2.2%	0%
TERMINAL (d)	4/44 (9%)	4/40 (10%)	1/36 (3%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	613	730 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.026N*	P=0.488	P=0.202N	P=0.066N
POLY 1.5	P=0.026N*	P=0.492	P=0.193N	P=0.065N
POLY 6	P=0.027N*	P=0.483	P=0.212N	P=0.068N
COCH-ARM / FISHERS	P=0.025N*	P=0.500	P=0.181N	P=0.059N
MAX-ISO-POLY-3	P=0.036N*	P=0.353	P=0.105N	P=0.024N*

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Renal Tubule Hyperplasia				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	2.1%	0%	0%	0%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	4/50 (8%)	4/50 (8%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	4/48.76	4/47.55	6/45.56	3/46.63
POLY-3 PERCENT (g)	8.2%	8.4%	13.2%	6.4%
TERMINAL (d)	4/44 (9%)	3/40 (8%)	3/36 (8%)	3/43 (7%)
FIRST INCIDENCE	730 (T)	699	688	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.422N	P=0.629	P=0.328	P=0.524N
POLY 1.5	P=0.418N	P=0.633	P=0.343	P=0.519N
POLY 6	P=0.426N	P=0.623	P=0.311	P=0.530N
COCH-ARM / FISHERS	P=0.398N	P=0.643N	P=0.370	P=0.500N
MAX-ISO-POLY-3	P=0.456N	P=0.485	P=0.226	P=0.372N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	10/50 (20%)	15/50 (30%)	9/50 (18%)	5/50 (10%)
POLY-3 RATE (b)	10/48.76	15/47.43	9/45.38	5/46.63
POLY-3 PERCENT (g)	20.5%	31.6%	19.8%	10.7%
TERMINAL (d)	10/44 (23%)	15/40 (38%)	9/36 (25%)	5/43 (12%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.035N*	P=0.156	P=0.569N	P=0.151N
POLY 1.5	P=0.034N*	P=0.164	P=0.544N	P=0.147N
POLY 6	P=0.036N*	P=0.145	P=0.599N	P=0.156N
COCH-ARM / FISHERS	P=0.030N*	P=0.178	P=0.500N	P=0.131N
MAX-ISO-POLY-3	P=0.054N	P=0.109	P=0.468N	P=0.099N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	7/50 (14%)	12/50 (24%)	8/50 (16%)	1/50 (2%)
POLY-3 RATE (b)	7/49.14	12/47.43	8/45.39	1/46.63
POLY-3 PERCENT (g)	14.2%	25.3%	17.6%	2.1%
TERMINAL (d)	5/44 (11%)	12/40 (30%)	6/36 (17%)	1/43 (2%)
FIRST INCIDENCE	666	730 (T)	728	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.006N**	P=0.133	P=0.434	P=0.036N*
POLY 1.5	P=0.006N**	P=0.141	P=0.459	P=0.035N*
POLY 6	P=0.007N**	P=0.122	P=0.403	P=0.039N*
COCH-ARM / FISHERS	P=0.006N**	P=0.154	P=0.500	P=0.030N*
MAX-ISO-POLY-3	P=0.010N**	P=0.090	P=0.333	P=0.017N*

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	0/50 (0%)	4/50 (8%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/48.76	4/48.64	0/45.38	1/47.01
POLY-3 PERCENT (g)	0%	8.2%	0%	2.1%
TERMINAL (d)	0/44 (0%)	2/40 (5%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	307	---	624
STATISTICAL TESTS				
POLY 3	P=0.507N	P=0.060	(e)	P=0.493
POLY 1.5	P=0.507N	P=0.061	(e)	P=0.494
POLY 6	P=0.509N	P=0.059	(e)	P=0.492
COCH-ARM / FISHERS	P=0.500N	P=0.059	(e)	P=0.500
MAX-ISO-POLY-3	P=0.227	P=0.020*	(e)	P=0.159

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Fatty Change				
LESION RATES				
OVERALL (a)	4/50 (8%)	2/50 (4%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	4/49.67	2/47.43	3/46.34	0/46.63
POLY-3 PERCENT (g)	8.1%	4.2%	6.5%	0%
TERMINAL (d)	1/44 (2%)	2/40 (5%)	1/36 (3%)	0/43 (0%)
FIRST INCIDENCE	492	730 (T)	521	---
STATISTICAL TESTS				
POLY 3	P=0.074N	P=0.359N	P=0.538N	P=0.069N
POLY 1.5	P=0.073N	P=0.351N	P=0.524N	P=0.067N
POLY 6	P=0.075N	P=0.370N	P=0.553N	P=0.072N
COCH-ARM / FISHERS	P=0.069N	P=0.339N	P=0.500N	P=0.059N
MAX-ISO-POLY-3	P=0.056N	P=0.223N	P=0.386N	P=0.026N*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	2/47.55	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	4.2%	0%	0%
TERMINAL (d)	0/44 (0%)	1/40 (3%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	701	---	---
STATISTICAL TESTS				
POLY 3	P=0.400N	P=0.232	(e)	(e)
POLY 1.5	P=0.398N	P=0.234	(e)	(e)
POLY 6	P=0.402N	P=0.229	(e)	(e)
COCH-ARM / FISHERS	P=0.392N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.266N	P=0.076	(e)	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Inflammation Focal				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	10/50 (20%)	10/50 (20%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	10/48.76	10/47.43	5/45.38	3/46.63
POLY-3 PERCENT (g)	20.5%	21.1%	11%	6.4%
TERMINAL (d)	10/44 (23%)	10/40 (25%)	5/36 (14%)	3/43 (7%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.021N*	P=0.572	P=0.165N	P=0.042N*
POLY 1.5	P=0.021N*	P=0.581	P=0.152N	P=0.041N*
POLY 6	P=0.022N*	P=0.558	P=0.182N	P=0.044N*
COCH-ARM / FISHERS	P=0.020N*	P=0.598N	P=0.131N	P=0.036N*
MAX-ISO-POLY-3	P=0.034N*	P=0.472	P=0.112N	P=0.024N*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver Necrosis				
LESION RATES				
OVERALL (a)	4/50 (8%)	7/50 (14%)	6/50 (12%)	7/50 (14%)
POLY-3 RATE (b)	4/48.76	7/48.79	6/46.92	7/48.22
POLY-3 PERCENT (g)	8.2%	14.4%	12.8%	14.5%
TERMINAL (d)	4/44 (9%)	3/40 (8%)	2/36 (6%)	4/43 (9%)
FIRST INCIDENCE	730 (T)	307	521	400
STATISTICAL TESTS				
POLY 3	P=0.331	P=0.262	P=0.346	P=0.256
POLY 1.5	P=0.328	P=0.263	P=0.354	P=0.254
POLY 6	P=0.335	P=0.259	P=0.337	P=0.257
COCH-ARM / FISHERS	P=0.338	P=0.262	P=0.370	P=0.262
MAX-ISO-POLY-3	P=0.285	P=0.170	P=0.238	P=0.166

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver Pigment				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/48.76	0/47.43	0/45.38	2/46.63
POLY-3 PERCENT (g)	2.1%	0%	0%	4.3%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	2/43 (5%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.183	P=0.506N	P=0.514N	P=0.484
POLY 1.5	P=0.183	P=0.504N	P=0.509N	P=0.488
POLY 6	P=0.183	P=0.508N	P=0.521N	P=0.481
COCH-ARM / FISHERS	P=0.186	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.137	P=0.166N	P=0.176N	P=0.272

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Tension Lipidosis				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/48.76	0/47.43	1/45.38	2/46.63
POLY-3 PERCENT (g)	2.1%	0%	2.2%	4.3%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	1/36 (3%)	2/43 (5%)
FIRST INCIDENCE	730 (T)	---	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.232	P=0.506N	P=0.744	P=0.484
POLY 1.5	P=0.233	P=0.504N	P=0.750	P=0.488
POLY 6	P=0.232	P=0.508N	P=0.737	P=0.481
COCH-ARM / FISHERS	P=0.238	P=0.500N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.228	P=0.166N	P=0.479	P=0.272

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver: Bile Duct				
Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	4.1%	0%	0%	0%
TERMINAL (d)	2/44 (5%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.256N	P=0.244N	P=0.254N	P=0.247N
POLY 1.5	P=0.258N	P=0.241N	P=0.248N	P=0.245N
POLY 6	P=0.253N	P=0.247N	P=0.261N	P=0.250N
COCH-ARM / FISHERS	P=0.262N	P=0.247N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.043N*	P=0.082N	P=0.092N	P=0.086N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver: Hepatocyte Cytoplasmic Alteration				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	36/50 (72%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	36/48.09
POLY-3 PERCENT (g)	0%	0%	0%	74.9%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	33/43 (77%)
FIRST INCIDENCE	---	---	---	400
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver: Hepatocyte Multinucleated				
LESION RATES				
OVERALL (a)	8/50 (16%)	11/50 (22%)	25/50 (50%)	42/50 (84%)
POLY-3 RATE (b)	8/48.90	11/48.17	25/46.74	42/48.84
POLY-3 PERCENT (g)	16.4%	22.8%	53.5%	86%
TERMINAL (d)	7/44 (16%)	8/40 (20%)	20/36 (56%)	37/43 (86%)
FIRST INCIDENCE	694	613	521	400
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.293	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.296	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.288	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.306	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.214	P<0.001**	P<0.001**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	1/48.76	0/47.43	0/45.38	4/46.63
POLY-3 PERCENT (g)	2.1%	0%	0%	8.6%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	4/43 (9%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.012*	P=0.506N	P=0.514N	P=0.166
POLY 1.5	P=0.012*	P=0.504N	P=0.509N	P=0.169
POLY 6	P=0.012*	P=0.508N	P=0.521N	P=0.163
COCH-ARM / FISHERS	P=0.014*	P=0.500N	P=0.500N	P=0.181
MAX-ISO-POLY-3	P=0.014*	P=0.166N	P=0.176N	P=0.081

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	4/50 (8%)	4/50 (8%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	4/48.76	4/47.46	4/45.38	3/46.83
POLY-3 PERCENT (g)	8.2%	8.4%	8.8%	6.4%
TERMINAL (d)	4/44 (9%)	3/40 (8%)	4/36 (11%)	2/43 (5%)
FIRST INCIDENCE	730 (T)	723	730 (T)	680
STATISTICAL TESTS				
POLY 3	P=0.435N	P=0.628	P=0.603	P=0.522N
POLY 1.5	P=0.433N	P=0.633	P=0.617	P=0.518N
POLY 6	P=0.435N	P=0.621	P=0.585	P=0.526N
COCH-ARM / FISHERS	P=0.418N	P=0.643N	P=0.643N	P=0.500N
MAX-ISO-POLY-3	P=0.564N	P=0.484	P=0.458	P=0.370N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung: Perivascular Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mandibular Atrophy				
LESION RATES				
OVERALL (a)	0/49 (0%)	4/48 (8%)	2/49 (4%)	0/46 (0%)
POLY-3 RATE (b)	0/47.76	4/46.83	2/44.50	0/42.63
POLY-3 PERCENT (g)	0%	8.5%	4.5%	0%
TERMINAL (d)	0/43 (0%)	0/38 (0%)	0/35 (0%)	0/39 (0%)
FIRST INCIDENCE	---	307	701	---
STATISTICAL TESTS				
POLY 3	P=0.241N	P=0.058	P=0.222	(e)
POLY 1.5	P=0.237N	P=0.058	P=0.227	(e)
POLY 6	P=0.246N	P=0.057	P=0.216	(e)
COCH-ARM / FISHERS	P=0.227N	P=0.056	P=0.247	(e)
MAX-ISO-POLY-3	P=0.201	P=0.019*	P=0.076	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	5/49 (10%)	2/48 (4%)	1/49 (2%)	1/46 (2%)
POLY-3 RATE (b)	5/47.76	2/45.43	1/45.05	1/42.63
POLY-3 PERCENT (g)	10.5%	4.4%	2.2%	2.4%
TERMINAL (d)	5/43 (12%)	2/38 (5%)	0/35 (0%)	1/39 (3%)
FIRST INCIDENCE	730 (T)	730 (T)	504	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.143N	P=0.237N	P=0.116N	P=0.130N
POLY 1.5	P=0.143N	P=0.233N	P=0.111N	P=0.127N
POLY 6	P=0.143N	P=0.244N	P=0.122N	P=0.133N
COCH-ARM / FISHERS	P=0.140N	P=0.226N	P=0.102N	P=0.117N
MAX-ISO-POLY-3	P=0.068N	P=0.138N	P=0.057N	P=0.068N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mandibular Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	0/49 (0%)	2/48 (4%)	1/49 (2%)	0/46 (0%)
POLY-3 RATE (b)	0/47.76	2/45.43	1/45.05	0/42.63
POLY-3 PERCENT (g)	0%	4.4%	2.2%	0%
TERMINAL (d)	0/43 (0%)	2/38 (5%)	0/35 (0%)	0/39 (0%)
FIRST INCIDENCE	---	730 (T)	504	---
STATISTICAL TESTS				
POLY 3	P=0.412N	P=0.226	P=0.488	(e)
POLY 1.5	P=0.408N	P=0.229	P=0.493	(e)
POLY 6	P=0.416N	P=0.223	P=0.483	(e)
COCH-ARM / FISHERS	P=0.397N	P=0.242	P=0.500	(e)
MAX-ISO-POLY-3	P=0.341	P=0.075	P=0.159	(e)

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

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

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Atrophy				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/48 (0%)	0/47 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.80	0/45.54	0/42.91	0/46.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/43 (0%)	0/39 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	0/48 (0%)	1/48 (2%)	2/47 (4%)	6/49 (12%)
POLY-3 RATE (b)	0/46.80	1/45.66	2/42.92	6/47.01
POLY-3 PERCENT (g)	0%	2.2%	4.7%	12.8%
TERMINAL (d)	0/43 (0%)	0/39 (0%)	1/36 (3%)	4/43 (9%)
FIRST INCIDENCE	---	701	728	624
STATISTICAL TESTS				
POLY 3	P=0.003**	P=0.495	P=0.218	P=0.016*
POLY 1.5	P=0.003**	P=0.497	P=0.223	P=0.016*
POLY 6	P=0.003**	P=0.493	P=0.213	P=0.016*
COCH-ARM / FISHERS	P=0.003**	P=0.500	P=0.242	P=0.014*
MAX-ISO-POLY-3	P=0.003**	P=0.159	P=0.075	P=0.005**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Hyperplasia Lymphocyte				
LESION RATES				
OVERALL (a)	10/48 (21%)	4/48 (8%)	7/47 (15%)	7/49 (14%)
POLY-3 RATE (b)	10/46.80	4/45.54	7/42.91	7/46.47
POLY-3 PERCENT (g)	21.4%	8.8%	16.3%	15.1%
TERMINAL (d)	10/43 (23%)	4/39 (10%)	7/36 (19%)	7/43 (16%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.495N	P=0.080N	P=0.368N	P=0.302N
POLY 1.5	P=0.498N	P=0.078N	P=0.349N	P=0.299N
POLY 6	P=0.494N	P=0.084N	P=0.390N	P=0.309N
COCH-ARM / FISHERS	P=0.489N	P=0.073N	P=0.314N	P=0.281N
MAX-ISO-POLY-3	P=0.231N	P=0.047N*	P=0.280N	P=0.219N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Infiltration Cellular Mixed Cell				
LESION RATES				
OVERALL (a)	2/48 (4%)	0/48 (0%)	0/47 (0%)	2/49 (4%)
POLY-3 RATE (b)	2/46.80	0/45.54	0/42.91	2/46.47
POLY-3 PERCENT (g)	4.3%	0%	0%	4.3%
TERMINAL (d)	2/43 (5%)	0/39 (0%)	0/36 (0%)	2/43 (5%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.383	P=0.243N	P=0.257N	P=0.691
POLY 1.5	P=0.381	P=0.241N	P=0.252N	P=0.693
POLY 6	P=0.385	P=0.246N	P=0.263N	P=0.688
COCH-ARM / FISHERS	P=0.381	P=0.247N	P=0.253N	P=0.684N
MAX-ISO-POLY-3	P=0.287	P=0.082N	P=0.094N	P=0.496

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

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

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/48 (0%)	1/47 (2%)	1/49 (2%)
POLY-3 RATE (b)	0/46.80	0/45.54	1/42.91	1/46.47
POLY-3 PERCENT (g)	0%	0%	2.3%	2.2%
TERMINAL (d)	0/43 (0%)	0/39 (0%)	1/36 (3%)	1/43 (2%)
FIRST INCIDENCE	---	---	730 (T)	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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	2/3 (67%)	1/1 (100%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	2/2.93	1/1.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	68.3%	100%	0%	0%
TERMINAL (d)	2/2 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	---	---
STATISTICAL TESTS				
POLY 3	(e)	P=0.712	(e)	(e)
POLY 1.5	(e)	P=0.701	(e)	(e)
POLY 6	(e)	P=0.733	(e)	(e)
COCH-ARM / FISHERS	P=1.000	P=0.750	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.340	(e)	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose				
Eosinophilic Material				
LESION RATES				
OVERALL (a)	47/50 (94%)	45/50 (90%)	42/50 (84%)	49/50 (98%)
POLY-3 RATE (b)	47/49.76	45/49.78	42/48.81	49/49.00
POLY-3 PERCENT (g)	94.5%	90.4%	86.1%	100%
TERMINAL (d)	42/44 (96%)	36/40 (90%)	32/36 (89%)	43/43 (100%)
FIRST INCIDENCE	492	307	244	400
STATISTICAL TESTS				
POLY 3	P=0.061	P=0.347N	P=0.134N	P=0.135
POLY 1.5	P=0.061	P=0.352N	P=0.118N	P=0.131
POLY 6	P=0.066	P=0.341N	P=0.153N	P=0.149
COCH-ARM / FISHERS	P=0.135	P=0.357N	P=0.100N	P=0.309
MAX-ISO-POLY-3	P=0.045*	P=0.219N	P=0.073N	P=0.042*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose Inflammation				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	4/50 (8%)	3/50 (6%)
POLY-3 RATE (b)	2/49.50	1/47.43	4/46.64	3/46.83
POLY-3 PERCENT (g)	4%	2.1%	8.6%	6.4%
TERMINAL (d)	0/44 (0%)	1/40 (3%)	1/36 (3%)	2/43 (5%)
FIRST INCIDENCE	492	730 (T)	504	680
STATISTICAL TESTS				
POLY 3	P=0.334	P=0.515N	P=0.311	P=0.475
POLY 1.5	P=0.338	P=0.510N	P=0.320	P=0.481
POLY 6	P=0.332	P=0.522N	P=0.301	P=0.469
COCH-ARM / FISHERS	P=0.354	P=0.500N	P=0.339	P=0.500
MAX-ISO-POLY-3	P=0.282	P=0.297N	P=0.188	P=0.307

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose: Olfactory Epithelium Metaplasia Respiratory				
LESION RATES				
OVERALL (a)	5/50 (10%)	2/50 (4%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	5/48.76	2/47.54	1/45.38	4/46.63
POLY-3 PERCENT (g)	10.3%	4.2%	2.2%	8.6%
TERMINAL (d)	5/44 (11%)	1/40 (3%)	1/36 (3%)	4/43 (9%)
FIRST INCIDENCE	730 (T)	702	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.505	P=0.227N	P=0.119N	P=0.528N
POLY 1.5	P=0.506	P=0.224N	P=0.113N	P=0.522N
POLY 6	P=0.505	P=0.232N	P=0.127N	P=0.535N
COCH-ARM / FISHERS	P=0.515	P=0.218N	P=0.102N	P=0.500N
MAX-ISO-POLY-3	P=0.247N	P=0.130N	P=0.061N	P=0.391N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	2/48.76	1/47.43	2/45.38	0/46.63
POLY-3 PERCENT (g)	4.1%	2.1%	4.4%	0%
TERMINAL (d)	2/44 (5%)	1/40 (3%)	2/36 (6%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.216N	P=0.510N	P=0.668	P=0.247N
POLY 1.5	P=0.215N	P=0.506N	P=0.677	P=0.245N
POLY 6	P=0.217N	P=0.515N	P=0.656	P=0.250N
COCH-ARM / FISHERS	P=0.208N	P=0.500N	P=0.691N	P=0.247N
MAX-ISO-POLY-3	P=0.180N	P=0.292N	P=0.471	P=0.086N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose: Respiratory Epithelium Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
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First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm

Nose: Respiratory Epithelium
Hyperplasia

LESION RATES

OVERALL (a)	17/50 (34%)	9/50 (18%)	10/50 (20%)	18/50 (36%)
POLY-3 RATE (b)	17/48.93	9/47.70	10/45.81	18/46.80
POLY-3 PERCENT (g)	34.8%	18.9%	21.8%	38.5%
TERMINAL (d)	14/44 (32%)	6/40 (15%)	7/36 (19%)	17/43 (40%)
FIRST INCIDENCE	712	698	659	688

STATISTICAL TESTS

POLY 3	P=0.117	P=0.061N	P=0.121N	P=0.435
POLY 1.5	P=0.120	P=0.059N	P=0.108N	P=0.449
POLY 6	P=0.114	P=0.065N	P=0.138N	P=0.418
COCH-ARM / FISHERS	P=0.140	P=0.055N	P=0.088N	P=0.500
MAX-ISO-POLY-3	P=0.125	P=0.040N*	P=0.088N	P=0.355

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Pancreas: Acinus Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/48.76	0/47.43	0/44.78	0/46.63
POLY-3 PERCENT (g)	4.1%	0%	0%	0%
TERMINAL (d)	2/44 (5%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.256N	P=0.244N	P=0.257N	P=0.247N
POLY 1.5	P=0.258N	P=0.241N	P=0.251N	P=0.245N
POLY 6	P=0.254N	P=0.247N	P=0.263N	P=0.250N
COCH-ARM / FISHERS	P=0.262N	P=0.247N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.043N*	P=0.082N	P=0.094N	P=0.086N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/44.78	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/49 (0%)	0/48 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/46.76	0/46.43	0/43.39	0/44.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/39 (0%)	0/35 (0%)	0/42 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Pituitary Gland: Pars Intermedia Hyperplasia				
LESION RATES				
OVERALL (a)	0/48 (0%)	0/49 (0%)	0/48 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/46.76	0/46.43	0/43.39	0/44.83
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/39 (0%)	0/35 (0%)	0/42 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Seminal Vesicle Atrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/48.76	1/47.46	3/45.41	1/46.80
POLY-3 PERCENT (g)	2.1%	2.1%	6.6%	2.1%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	723	727	688
STATISTICAL TESTS				
POLY 3	P=0.618N	P=0.754	P=0.280	P=0.751
POLY 1.5	P=0.616N	P=0.756	P=0.289	P=0.753
POLY 6	P=0.619N	P=0.751	P=0.270	P=0.749
COCH-ARM / FISHERS	P=0.605N	P=0.753N	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.428	P=0.492	P=0.146	P=0.488

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Seminal Vesicle: Bilateral Atrophy				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
POLY-3 RATE (b)	1/48.76	1/47.46	3/45.41	1/46.80
POLY-3 PERCENT (g)	2.1%	2.1%	6.6%	2.1%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	730 (T)	723	727	688
STATISTICAL TESTS				
POLY 3	P=0.618N	P=0.754	P=0.280	P=0.751
POLY 1.5	P=0.616N	P=0.756	P=0.289	P=0.753
POLY 6	P=0.619N	P=0.751	P=0.270	P=0.749
COCH-ARM / FISHERS	P=0.605N	P=0.753N	P=0.309	P=0.753N
MAX-ISO-POLY-3	P=0.428	P=0.492	P=0.146	P=0.488

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	21/50 (42%)	21/50 (42%)	23/50 (46%)	22/50 (44%)
POLY-3 RATE (b)	21/49.45	21/48.47	23/47.93	22/47.79
POLY-3 PERCENT (g)	42.5%	43.3%	48%	46%
TERMINAL (d)	20/44 (46%)	16/40 (40%)	14/36 (39%)	18/43 (42%)
FIRST INCIDENCE	492	613	504	607
STATISTICAL TESTS				
POLY 3	P=0.419	P=0.547	P=0.366	P=0.441
POLY 1.5	P=0.422	P=0.554	P=0.381	P=0.447
POLY 6	P=0.424	P=0.543	P=0.352	P=0.443
COCH-ARM / FISHERS	P=0.471	P=0.580N	P=0.420	P=0.500
MAX-ISO-POLY-3	P=0.524	P=0.465	P=0.296	P=0.364

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen				
Hyperplasia Lymphocyte				
LESION RATES				
OVERALL (a)	19/50 (38%)	18/50 (36%)	15/50 (30%)	15/50 (30%)
POLY-3 RATE (b)	19/48.76	18/47.43	15/45.38	15/46.63
POLY-3 PERCENT (g)	39%	38%	33.1%	32.2%
TERMINAL (d)	19/44 (43%)	18/40 (45%)	15/36 (42%)	15/43 (35%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.279N	P=0.543N	P=0.351N	P=0.316N
POLY 1.5	P=0.275N	P=0.527N	P=0.318N	P=0.305N
POLY 6	P=0.283N	P=0.565N	P=0.394N	P=0.330N
COCH-ARM / FISHERS	P=0.245N	P=0.500N	P=0.263N	P=0.263N
MAX-ISO-POLY-3	P=0.401N	P=0.459N	P=0.283N	P=0.250N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen Pigment				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/49.45	1/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	2%	2.1%	0%	0%
TERMINAL (d)	0/44 (0%)	1/40 (3%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	492	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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen: White Pulp Atrophy				
LESION RATES				
OVERALL (a)	4/50 (8%)	8/50 (16%)	7/50 (14%)	7/50 (14%)
POLY-3 RATE (b)	4/49.55	8/49.36	7/46.68	7/48.17
POLY-3 PERCENT (g)	8.1%	16.2%	15%	14.5%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	2/43 (5%)
FIRST INCIDENCE	492	307	551	607
STATISTICAL TESTS				
POLY 3	P=0.382	P=0.176	P=0.229	P=0.246
POLY 1.5	P=0.382	P=0.177	P=0.239	P=0.247
POLY 6	P=0.387	P=0.176	P=0.218	P=0.249
COCH-ARM / FISHERS	P=0.404	P=0.178	P=0.262	P=0.262
MAX-ISO-POLY-3	P=0.248	P=0.108	P=0.150	P=0.161

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	3/48.90	1/47.56	0/45.38	1/47.47
POLY-3 PERCENT (g)	6.1%	2.1%	0%	2.1%
TERMINAL (d)	2/44 (5%)	0/40 (0%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	694	698	---	400
STATISTICAL TESTS				
POLY 3	P=0.360N	P=0.316N	P=0.133N	P=0.316N
POLY 1.5	P=0.363N	P=0.312N	P=0.128N	P=0.314N
POLY 6	P=0.358N	P=0.321N	P=0.140N	P=0.320N
COCH-ARM / FISHERS	P=0.364N	P=0.309N	P=0.121N	P=0.309N
MAX-ISO-POLY-3	P=0.100N	P=0.165N	P=0.050N*	P=0.166N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Stomach, Glandular: Epithelium Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	2/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	4.2%	0%	0%
TERMINAL (d)	0/44 (0%)	2/40 (5%)	0/36 (0%)	0/43 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.400N	P=0.231	(e)	(e)
POLY 1.5	P=0.398N	P=0.233	(e)	(e)
POLY 6	P=0.403N	P=0.228	(e)	(e)
COCH-ARM / FISHERS	P=0.392N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.266N	P=0.076	(e)	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Testis: Bilateral, Germinal Epithelium Degeneration				
LESION RATES				
OVERALL (a)	5/50 (10%)	10/50 (20%)	6/50 (12%)	12/50 (24%)
POLY-3 RATE (b)	5/49.67	10/47.99	6/45.98	12/47.60
POLY-3 PERCENT (g)	10.1%	20.8%	13.1%	25.2%
TERMINAL (d)	2/44 (5%)	6/40 (15%)	2/36 (6%)	9/43 (21%)
FIRST INCIDENCE	492	652	551	607
STATISTICAL TESTS				
POLY 3	P=0.067	P=0.116	P=0.446	P=0.043*
POLY 1.5	P=0.068	P=0.121	P=0.466	P=0.045*
POLY 6	P=0.066	P=0.110	P=0.423	P=0.042*
COCH-ARM / FISHERS	P=0.079	P=0.131	P=0.500	P=0.054
MAX-ISO-POLY-3	P=0.040*	P=0.073	P=0.331	P=0.026*

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Testis: Bilateral, Interstitial Cell Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/49.45	1/47.46	2/45.39	3/47.17
POLY-3 PERCENT (g)	4%	2.1%	4.4%	6.4%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	1/43 (2%)
FIRST INCIDENCE	492	723	728	624
STATISTICAL TESTS				
POLY 3	P=0.297	P=0.514N	P=0.662	P=0.479
POLY 1.5	P=0.297	P=0.509N	P=0.674	P=0.483
POLY 6	P=0.298	P=0.521N	P=0.649	P=0.475
COCH-ARM / FISHERS	P=0.306	P=0.500N	P=0.691N	P=0.500
MAX-ISO-POLY-3	P=0.353	P=0.297N	P=0.466	P=0.309

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Testis: Germinal Epithelium Degeneration				
LESION RATES				
OVERALL (a)	6/50 (12%)	15/50 (30%)	9/50 (18%)	15/50 (30%)
POLY-3 RATE (b)	6/49.67	15/47.99	9/45.98	15/47.60
POLY-3 PERCENT (g)	12.1%	31.3%	19.6%	31.5%
TERMINAL (d)	3/44 (7%)	11/40 (28%)	5/36 (14%)	12/43 (28%)
FIRST INCIDENCE	492	652	551	607
STATISTICAL TESTS				
POLY 3	P=0.071	P=0.018*	P=0.235	P=0.017*
POLY 1.5	P=0.074	P=0.020*	P=0.254	P=0.018*
POLY 6	P=0.070	P=0.016*	P=0.214	P=0.016*
COCH-ARM / FISHERS	P=0.089	P=0.024*	P=0.288	P=0.024*
MAX-ISO-POLY-3	P=0.019*	P=0.010**	P=0.167	P=0.010**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Testis: Interstitial Cell Atrophy				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	3/50 (6%)
POLY-3 RATE (b)	2/49.45	1/47.46	2/45.39	3/47.17
POLY-3 PERCENT (g)	4%	2.1%	4.4%	6.4%
TERMINAL (d)	1/44 (2%)	0/40 (0%)	0/36 (0%)	1/43 (2%)
FIRST INCIDENCE	492	723	728	624
STATISTICAL TESTS				
POLY 3	P=0.297	P=0.514N	P=0.662	P=0.479
POLY 1.5	P=0.297	P=0.509N	P=0.674	P=0.483
POLY 6	P=0.298	P=0.521N	P=0.649	P=0.475
COCH-ARM / FISHERS	P=0.306	P=0.500N	P=0.691N	P=0.500
MAX-ISO-POLY-3	P=0.353	P=0.297N	P=0.466	P=0.309

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thymus Atrophy				
LESION RATES				
OVERALL (a)	11/45 (24%)	18/46 (39%)	12/46 (26%)	10/46 (22%)
POLY-3 RATE (b)	11/44.93	18/46.00	12/44.03	10/44.84
POLY-3 PERCENT (g)	24.5%	39.1%	27.3%	22.3%
TERMINAL (d)	8/41 (20%)	10/38 (26%)	5/35 (14%)	7/41 (17%)
FIRST INCIDENCE	492	613	244	607
STATISTICAL TESTS				
POLY 3	P=0.196N	P=0.101	P=0.478	P=0.502N
POLY 1.5	P=0.196N	P=0.101	P=0.496	P=0.501N
POLY 6	P=0.196N	P=0.102	P=0.457	P=0.504N
COCH-ARM / FISHERS	P=0.177N	P=0.100	P=0.524	P=0.477N
MAX-ISO-POLY-3	P=0.256N	P=0.068	P=0.384	P=0.403N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thymus Cyst				
LESION RATES				
OVERALL (a)	0/45 (0%)	3/46 (7%)	2/46 (4%)	3/46 (7%)
POLY-3 RATE (b)	0/43.95	3/44.64	2/41.66	3/43.85
POLY-3 PERCENT (g)	0%	6.7%	4.8%	6.8%
TERMINAL (d)	0/41 (0%)	3/38 (8%)	2/35 (6%)	3/41 (7%)
FIRST INCIDENCE	---	730 (T)	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.240	P=0.121	P=0.225	P=0.118
POLY 1.5	P=0.240	P=0.122	P=0.231	P=0.119
POLY 6	P=0.238	P=0.119	P=0.219	P=0.117
COCH-ARM / FISHERS	P=0.248	P=0.125	P=0.253	P=0.125
MAX-ISO-POLY-3	P=0.101	P=0.039*	P=0.077	P=0.039*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thymus				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	0/45 (0%)	0/46 (0%)	0/46 (0%)	1/46 (2%)
POLY-3 RATE (b)	0/43.95	0/44.64	0/41.66	1/44.85
POLY-3 PERCENT (g)	0%	0%	0%	2.2%
TERMINAL (d)	0/41 (0%)	0/38 (0%)	0/35 (0%)	0/41 (0%)
FIRST INCIDENCE	---	---	---	51
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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thyroid Gland: Follicle Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/48 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/48.76	2/47.43	1/43.78	1/46.63
POLY-3 PERCENT (g)	0%	4.2%	2.3%	2.1%
TERMINAL (d)	0/44 (0%)	2/40 (5%)	1/35 (3%)	1/43 (2%)
FIRST INCIDENCE	---	730 (T)	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	P=0.610	P=0.231	P=0.479	P=0.491
POLY 1.5	P=0.613	P=0.233	P=0.483	P=0.493
POLY 6	P=0.606	P=0.228	P=0.473	P=0.489
COCH-ARM / FISHERS	P=0.627	P=0.247	P=0.490	P=0.500
MAX-ISO-POLY-3	P=0.275	P=0.076	P=0.156	P=0.159

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Tooth Dysplasia				
LESION RATES				
OVERALL (a)	6/6 (100%)	12/12 (100%)	7/7 (100%)	9/9 (100%)
POLY-3 RATE (b)	6/6.00	12/12.00	7/7.00	9/9.00
POLY-3 PERCENT (g)	100%	100%	100%	100%
TERMINAL (d)	6/6 (100%)	11/11 (100%)	7/7 (100%)	9/9 (100%)
FIRST INCIDENCE	730 (T)	698	730 (T)	730 (T)
STATISTICAL TESTS				
POLY 3	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Males			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Urinary Bladder				
Infiltration Cellular Lymphocyte				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/48.76	0/47.43	0/45.38	0/46.63
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/44 (0%)	0/40 (0%)	0/36 (0%)	0/43 (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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Adrenal Cortex				
Hypertrophy Focal				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Adrenal Cortex: Subcapsular Hyperplasia				
LESION RATES				
OVERALL (a)	44/50 (88%)	38/50 (76%)	41/49 (84%)	49/49 (100%)
POLY-3 RATE (b)	44/47.79	38/48.72	41/47.75	49/49.00
POLY-3 PERCENT (g)	92.1%	78%	85.9%	100%
TERMINAL (d)	41/42 (98%)	33/42 (79%)	38/44 (86%)	47/47 (100%)
FIRST INCIDENCE	621	508	589	598
STATISTICAL TESTS				
POLY 3	P=0.005**	P=0.039N*	P=0.246N	P=0.036*
POLY 1.5	P=0.003**	P=0.059N	P=0.306N	P=0.023*
POLY 6	P=0.008**	P=0.022N*	P=0.165N	P=0.088
COCH-ARM / FISHERS	P=0.003**	P=0.096N	P=0.371N	P=0.014*
MAX-ISO-POLY-3	P=0.008**	P=0.020N*	P=0.151N	P=0.009**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Blood Vessel Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/49 (0%)	2/50 (4%)	1/49 (2%)	4/49 (8%)
POLY-3 RATE (b)	0/46.22	2/46.74	1/47.09	4/48.47
POLY-3 PERCENT (g)	0%	4.3%	2.1%	8.3%
TERMINAL (d)	0/41 (0%)	2/42 (5%)	1/44 (2%)	4/47 (9%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.051	P=0.240	P=0.504	P=0.067
POLY 1.5	P=0.048*	P=0.240	P=0.502	P=0.064
POLY 6	P=0.054	P=0.240	P=0.507	P=0.071
COCH-ARM / FISHERS	P=0.046*	P=0.253	P=0.500	P=0.059
MAX-ISO-POLY-3	P=0.030*	P=0.077	P=0.163	P=0.024*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Blood Vessel				
Mineral				
LESION RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/46.97	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	0/41 (0%)	0/42 (0%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	597	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.256N	P=0.238N	P=0.237N	P=0.230N
POLY 1.5	P=0.259N	P=0.236N	P=0.237N	P=0.233N
POLY 6	P=0.254N	P=0.241N	P=0.236N	P=0.227N
COCH-ARM / FISHERS	P=0.263N	P=0.242N	P=0.247N	P=0.247N
MAX-ISO-POLY-3	P=0.034N*	P=0.078N	P=0.076N	P=0.076N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Blood Vessel: Aorta Hemorrhage				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/46.22	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/41 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone Marrow Hypercellularity				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	2/50 (4%)	4/50 (8%)
POLY-3 RATE (b)	2/47.60	3/47.25	2/47.78	4/49.55
POLY-3 PERCENT (g)	4.2%	6.4%	4.2%	8.1%
TERMINAL (d)	1/42 (2%)	2/42 (5%)	1/44 (2%)	2/47 (4%)
FIRST INCIDENCE	621	577	686	547
STATISTICAL TESTS				
POLY 3	P=0.311	P=0.497	P=0.692N	P=0.356
POLY 1.5	P=0.302	P=0.498	P=0.693N	P=0.348
POLY 6	P=0.322	P=0.496	P=0.690N	P=0.367
COCH-ARM / FISHERS	P=0.289	P=0.500	P=0.691N	P=0.339
MAX-ISO-POLY-3	P=0.343	P=0.321	P=0.498N	P=0.221

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone Marrow Hypocellularity				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	2/47.81	0/46.74	1/47.62	3/48.89
POLY-3 PERCENT (g)	4.2%	0%	2.1%	6.1%
TERMINAL (d)	1/42 (2%)	0/42 (0%)	1/44 (2%)	3/47 (6%)
FIRST INCIDENCE	541	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.194	P=0.242N	P=0.501N	P=0.510
POLY 1.5	P=0.190	P=0.241N	P=0.501N	P=0.506
POLY 6	P=0.199	P=0.244N	P=0.500N	P=0.517
COCH-ARM / FISHERS	P=0.183	P=0.247N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.211	P=0.081N	P=0.282N	P=0.335

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone				
Fibro-osseous Lesion				
LESION RATES				
OVERALL (a)	11/50 (22%)	11/50 (22%)	8/50 (16%)	6/50 (12%)
POLY-3 RATE (b)	11/47.67	11/46.80	8/47.62	6/48.89
POLY-3 PERCENT (g)	23.1%	23.5%	16.8%	12.3%
TERMINAL (d)	10/42 (24%)	10/42 (24%)	8/44 (18%)	6/47 (13%)
FIRST INCIDENCE	597	714	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.083N	P=0.576	P=0.306N	P=0.130N
POLY 1.5	P=0.089N	P=0.583	P=0.307N	P=0.136N
POLY 6	P=0.075N	P=0.571	P=0.302N	P=0.122N
COCH-ARM / FISHERS	P=0.097N	P=0.595N	P=0.306N	P=0.143N
MAX-ISO-POLY-3	P=0.133N	P=0.479	P=0.223N	P=0.084N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Bone: Intervertebral Disc Degeneration				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.62	0/48.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Coagulating Gland Atrophy				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Coagulating Gland: Bilateral Atrophy				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Eye				
Phthisis Bulbi				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/47.28	2/46.93	0/47.09	0/48.89
POLY-3 PERCENT (g)	2.1%	4.3%	0%	0%
TERMINAL (d)	0/42 (0%)	1/42 (2%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	714	679	---	---
STATISTICAL TESTS				
POLY 3	P=0.225N	P=0.497	P=0.501N	P=0.493N
POLY 1.5	P=0.226N	P=0.498	P=0.502N	P=0.496N
POLY 6	P=0.223N	P=0.498	P=0.498N	P=0.489N
COCH-ARM / FISHERS	P=0.228N	P=0.500	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.176N	P=0.279	P=0.160N	P=0.159N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Eye: Lens Cataract				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/47.22	2/46.80	0/47.09	0/48.89
POLY-3 PERCENT (g)	2.1%	4.3%	0%	0%
TERMINAL (d)	1/42 (2%)	1/42 (2%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	714	---	---
STATISTICAL TESTS				
POLY 3	P=0.225N	P=0.497	P=0.501N	P=0.493N
POLY 1.5	P=0.226N	P=0.498	P=0.502N	P=0.496N
POLY 6	P=0.223N	P=0.497	P=0.498N	P=0.489N
COCH-ARM / FISHERS	P=0.228N	P=0.500	P=0.505N	P=0.500N
MAX-ISO-POLY-3	P=0.175N	P=0.279	P=0.160N	P=0.159N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Harderian Gland Hyperplasia				
LESION RATES				
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/49 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/47.22	1/46.74	1/47.09	2/48.89
POLY-3 PERCENT (g)	6.4%	2.1%	2.1%	4.1%
TERMINAL (d)	3/42 (7%)	1/42 (2%)	1/44 (2%)	2/47 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.602N	P=0.309N	P=0.306N	P=0.484N
POLY 1.5	P=0.607N	P=0.308N	P=0.310N	P=0.491N
POLY 6	P=0.596N	P=0.309N	P=0.301N	P=0.475N
COCH-ARM / FISHERS	P=0.615N	P=0.309N	P=0.316N	P=0.500N
MAX-ISO-POLY-3	P=0.297N	P=0.158N	P=0.156N	P=0.313N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Harderian Gland Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	0/48.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Heart				
Cardiomyopathy				
LESION RATES				
OVERALL (a)	19/50 (38%)	7/50 (14%)	11/49 (22%)	12/50 (24%)
POLY-3 RATE (b)	19/47.87	7/47.37	11/47.28	12/48.89
POLY-3 PERCENT (g)	39.7%	14.8%	23.3%	24.5%
TERMINAL (d)	17/42 (41%)	5/42 (12%)	9/44 (21%)	12/47 (26%)
FIRST INCIDENCE	621	550	686	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.333N	P=0.005N**	P=0.065N	P=0.083N
POLY 1.5	P=0.346N	P=0.005N**	P=0.067N	P=0.088N
POLY 6	P=0.317N	P=0.005N**	P=0.060N	P=0.076N
COCH-ARM / FISHERS	P=0.366N	P=0.006N**	P=0.071N	P=0.097N
MAX-ISO-POLY-3	P=0.027N*	P=0.002N**	P=0.041N*	P=0.055N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Heart: Valve				
Bacterium				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/47.54	0/46.74	0/47.09	0/48.89
POLY-3 PERCENT (g)	4.2%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	659	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.257N	P=0.241N	P=0.239N	P=0.231N
POLY 1.5	P=0.259N	P=0.240N	P=0.241N	P=0.234N
POLY 6	P=0.256N	P=0.243N	P=0.237N	P=0.228N
COCH-ARM / FISHERS	P=0.262N	P=0.247N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.035N*	P=0.080N	P=0.077N	P=0.076N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Heart: Valve				
Inflammation Chronic				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/47.54	0/46.74	0/47.09	0/48.89
POLY-3 PERCENT (g)	4.2%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	659	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.257N	P=0.241N	P=0.239N	P=0.231N
POLY 1.5	P=0.259N	P=0.240N	P=0.241N	P=0.234N
POLY 6	P=0.256N	P=0.243N	P=0.237N	P=0.228N
COCH-ARM / FISHERS	P=0.262N	P=0.247N	P=0.253N	P=0.247N
MAX-ISO-POLY-3	P=0.035N*	P=0.080N	P=0.077N	P=0.076N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Ileum Inflammation Chronic				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/47 (0%)	0/48 (0%)
POLY-3 RATE (b)	1/47.22	0/46.74	0/46.33	0/47.92
POLY-3 PERCENT (g)	2.1%	0%	0%	0%
TERMINAL (d)	1/42 (2%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Ileum: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/47 (2%)	0/48 (0%)
POLY-3 RATE (b)	2/47.22	0/46.74	1/46.33	0/47.92
POLY-3 PERCENT (g)	4.2%	0%	2.2%	0%
TERMINAL (d)	2/42 (5%)	0/42 (0%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.273N	P=0.240N	P=0.507N	P=0.234N
POLY 1.5	P=0.277N	P=0.239N	P=0.513N	P=0.239N
POLY 6	P=0.267N	P=0.240N	P=0.498N	P=0.227N
COCH-ARM / FISHERS	P=0.284N	P=0.247N	P=0.523N	P=0.258N
MAX-ISO-POLY-3	P=0.084N	P=0.078N	P=0.288N	P=0.078N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Jejunum Inflammation Chronic				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/47 (4%)	0/48 (0%)
POLY-3 RATE (b)	0/47.22	1/46.74	2/46.33	0/47.92
POLY-3 PERCENT (g)	0%	2.1%	4.3%	0%
TERMINAL (d)	0/42 (0%)	1/42 (2%)	2/44 (5%)	0/47 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.488N	P=0.498	P=0.233	(e)
POLY 1.5	P=0.498N	P=0.499	P=0.229	(e)
POLY 6	P=0.476N	P=0.498	P=0.238	(e)
COCH-ARM / FISHERS	P=0.511N	P=0.500	P=0.232	(e)
MAX-ISO-POLY-3	P=0.335N	P=0.159	P=0.075	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Jejunum: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/47 (0%)	0/48 (0%)
POLY-3 RATE (b)	0/47.22	2/46.74	0/46.33	0/47.92
POLY-3 PERCENT (g)	0%	4.3%	0%	0%
TERMINAL (d)	0/42 (0%)	2/42 (5%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.395N	P=0.235	(e)	(e)
POLY 1.5	P=0.397N	P=0.236	(e)	(e)
POLY 6	P=0.393N	P=0.235	(e)	(e)
COCH-ARM / FISHERS	P=0.401N	P=0.247	(e)	(e)
MAX-ISO-POLY-3	P=0.257N	P=0.076	(e)	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Intestine Small, Jejunum: Peyer's Patch Hyperplasia Lymphocyte				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/47 (2%)	1/48 (2%)
POLY-3 RATE (b)	1/47.22	2/46.74	1/46.33	1/47.92
POLY-3 PERCENT (g)	2.1%	4.3%	2.2%	2.1%
TERMINAL (d)	1/42 (2%)	2/42 (5%)	1/44 (2%)	1/47 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.542N	P=0.496	P=0.756	P=0.757N
POLY 1.5	P=0.550N	P=0.498	P=0.752	P=0.758
POLY 6	P=0.533N	P=0.496	P=0.759N	P=0.750N
COCH-ARM / FISHERS	P=0.560N	P=0.500	P=0.737	P=0.742
MAX-ISO-POLY-3	P=0.584N	P=0.279	P=0.494	P=0.495N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Islets, Pancreatic Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/48 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/47.22	1/46.74	0/46.56	0/48.47
POLY-3 PERCENT (g)	4.2%	2.1%	0%	0%
TERMINAL (d)	2/42 (5%)	1/42 (2%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.185N	P=0.504N	P=0.240N	P=0.232N
POLY 1.5	P=0.187N	P=0.502N	P=0.243N	P=0.236N
POLY 6	P=0.184N	P=0.504N	P=0.236N	P=0.226N
COCH-ARM / FISHERS	P=0.189N	P=0.500N	P=0.258N	P=0.253N
MAX-ISO-POLY-3	P=0.082N	P=0.285N	P=0.078N	P=0.077N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney Infarct				
LESION RATES				
OVERALL (a)	6/50 (12%)	1/50 (2%)	1/49 (2%)	0/49 (0%)
POLY-3 RATE (b)	6/47.22	1/46.74	1/47.09	0/48.47
POLY-3 PERCENT (g)	12.7%	2.1%	2.1%	0%
TERMINAL (d)	6/42 (14%)	1/42 (2%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.025N*	P=0.058N	P=0.057N	P=0.014N*
POLY 1.5	P=0.026N*	P=0.057N	P=0.058N	P=0.015N*
POLY 6	P=0.024N*	P=0.058N	P=0.054N	P=0.013N*
COCH-ARM / FISHERS	P=0.030N*	P=0.056N	P=0.059N	P=0.014N*
MAX-ISO-POLY-3	P=0.002N**	P=0.025N*	P=0.024N*	P=0.005N**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney				
Metaplasia Osseous				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	3/49 (6%)	0/49 (0%)
POLY-3 RATE (b)	2/47.22	1/46.74	3/47.09	0/48.47
POLY-3 PERCENT (g)	4.2%	2.1%	6.4%	0%
TERMINAL (d)	2/42 (5%)	1/42 (2%)	3/44 (7%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.201N	P=0.504N	P=0.499	P=0.232N
POLY 1.5	P=0.208N	P=0.502N	P=0.495	P=0.236N
POLY 6	P=0.192N	P=0.504N	P=0.506	P=0.226N
COCH-ARM / FISHERS	P=0.218N	P=0.500N	P=0.490	P=0.253N
MAX-ISO-POLY-3	P=0.196N	P=0.285N	P=0.323	P=0.077N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney Mineral				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	1/47.67	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	2.1%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	597	---	---	---
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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney				
Nephropathy Chronic Progressive				
LESION RATES				
OVERALL (a)	33/50 (66%)	27/50 (54%)	36/49 (73%)	32/49 (65%)
POLY-3 RATE (b)	33/49.50	27/47.53	36/47.28	32/48.47
POLY-3 PERCENT (g)	66.7%	56.8%	76.2%	66%
TERMINAL (d)	27/42 (64%)	25/42 (60%)	34/44 (77%)	32/47 (68%)
FIRST INCIDENCE	533	535	686	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.444	P=0.213N	P=0.208	P=0.558N
POLY 1.5	P=0.421	P=0.187N	P=0.233	P=0.557N
POLY 6	P=0.471	P=0.245N	P=0.189	P=0.558N
COCH-ARM / FISHERS	P=0.389	P=0.154N	P=0.278	P=0.555N
MAX-ISO-POLY-3	P=0.267	P=0.162N	P=0.154	P=0.472N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Glomerulus Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Pelvis Dilation				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	2/47.52	1/46.80	0/47.09	0/48.47
POLY-3 PERCENT (g)	4.2%	2.1%	0%	0%
TERMINAL (d)	1/42 (2%)	0/42 (0%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	647	714	---	---
STATISTICAL TESTS				
POLY 3	P=0.184N	P=0.505N	P=0.239N	P=0.233N
POLY 1.5	P=0.186N	P=0.503N	P=0.241N	P=0.237N
POLY 6	P=0.182N	P=0.507N	P=0.237N	P=0.228N
COCH-ARM / FISHERS	P=0.189N	P=0.500N	P=0.253N	P=0.253N
MAX-ISO-POLY-3	P=0.082N	P=0.287N	P=0.077N	P=0.077N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm

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

LESION RATES

OVERALL (a)	1/50 (2%)	3/50 (6%)	2/49 (4%)	1/49 (2%)
POLY-3 RATE (b)	1/47.28	3/48.07	2/47.26	1/48.92
POLY-3 PERCENT (g)	2.1%	6.2%	4.2%	2%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	714	508	686	598

STATISTICAL TESTS

POLY 3	P=0.408N	P=0.311	P=0.500	P=0.753N
POLY 1.5	P=0.417N	P=0.309	P=0.496	P=0.758N
POLY 6	P=0.396N	P=0.316	P=0.506	P=0.746N
COCH-ARM / FISHERS	P=0.430N	P=0.309	P=0.492	P=0.747
MAX-ISO-POLY-3	P=0.467N	P=0.161	P=0.282	P=0.490N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Renal Tubule Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	1/48.47
POLY-3 PERCENT (g)	0%	0%	0%	2.1%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	1/47 (2%)
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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Kidney: Renal Tubule Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	47/49 (96%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	47/48.55
POLY-3 PERCENT (g)	0%	0%	0%	96.8%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	46/47 (98%)
FIRST INCIDENCE	---	---	---	708
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Basophilic Focus				
LESION RATES				
OVERALL (a)	6/50 (12%)	3/50 (6%)	3/49 (6%)	1/49 (2%)
POLY-3 RATE (b)	6/47.81	3/46.74	3/47.09	1/48.47
POLY-3 PERCENT (g)	12.6%	6.4%	6.4%	2.1%
TERMINAL (d)	5/42 (12%)	3/42 (7%)	3/44 (7%)	1/47 (2%)
FIRST INCIDENCE	541	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.065N	P=0.254N	P=0.250N	P=0.054N
POLY 1.5	P=0.069N	P=0.250N	P=0.252N	P=0.057N
POLY 6	P=0.061N	P=0.257N	P=0.245N	P=0.051N
COCH-ARM / FISHERS	P=0.074N	P=0.243N	P=0.254N	P=0.059N
MAX-ISO-POLY-3	P=0.034N*	P=0.159N	P=0.153N	P=0.024N*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Clear Cell Focus				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	1/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	2.1%	0%	0%
TERMINAL (d)	0/42 (0%)	1/42 (2%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Eosinophilic Focus				
LESION RATES				
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/49 (0%)	1/49 (2%)
POLY-3 RATE (b)	1/47.60	2/46.74	0/47.09	1/48.47
POLY-3 PERCENT (g)	2.1%	4.3%	0%	2.1%
TERMINAL (d)	0/42 (0%)	2/42 (5%)	0/44 (0%)	1/47 (2%)
FIRST INCIDENCE	621	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.575N	P=0.494	P=0.502N	P=0.756N
POLY 1.5	P=0.578N	P=0.496	P=0.503N	P=0.760N
POLY 6	P=0.571N	P=0.491	P=0.500N	P=0.752N
COCH-ARM / FISHERS	P=0.583N	P=0.500	P=0.505N	P=0.747
MAX-ISO-POLY-3	P=0.383N	P=0.277	P=0.160N	P=0.494N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/49 (0%)	1/49 (2%)
POLY-3 RATE (b)	2/47.60	1/46.74	0/47.09	1/48.47
POLY-3 PERCENT (g)	4.2%	2.1%	0%	2.1%
TERMINAL (d)	1/42 (2%)	1/42 (2%)	0/44 (0%)	1/47 (2%)
FIRST INCIDENCE	621	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.523N	P=0.506N	P=0.240N	P=0.494N
POLY 1.5	P=0.527N	P=0.504N	P=0.241N	P=0.499N
POLY 6	P=0.519N	P=0.509N	P=0.238N	P=0.486N
COCH-ARM / FISHERS	P=0.532N	P=0.500N	P=0.253N	P=0.508N
MAX-ISO-POLY-3	P=0.234N	P=0.288N	P=0.077N	P=0.278N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
<hr/>				
Liver				
Fatty Change				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	1/49 (2%)	0/49 (0%)
POLY-3 RATE (b)	2/47.22	3/46.74	1/47.09	0/48.47
POLY-3 PERCENT (g)	4.2%	6.4%	2.1%	0%
TERMINAL (d)	2/42 (5%)	3/42 (7%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.107N	P=0.495	P=0.501N	P=0.232N
POLY 1.5	P=0.110N	P=0.497	P=0.504N	P=0.236N
POLY 6	P=0.103N	P=0.495	P=0.496N	P=0.226N
COCH-ARM / FISHERS	P=0.114N	P=0.500	P=0.508N	P=0.253N
MAX-ISO-POLY-3	P=0.115N	P=0.321	P=0.282N	P=0.077N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Inflammation Focal				
LESION RATES				
OVERALL (a)	2/50 (4%)	2/50 (4%)	2/49 (4%)	5/49 (10%)
POLY-3 RATE (b)	2/47.22	2/46.74	2/47.09	5/48.47
POLY-3 PERCENT (g)	4.2%	4.3%	4.3%	10.3%
TERMINAL (d)	2/42 (5%)	2/42 (5%)	2/44 (5%)	5/47 (11%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.110	P=0.690	P=0.693	P=0.227
POLY 1.5	P=0.104	P=0.691	P=0.689	P=0.219
POLY 6	P=0.116	P=0.690	P=0.689N	P=0.238
COCH-ARM / FISHERS	P=0.097	P=0.691N	P=0.684	P=0.210
MAX-ISO-POLY-3	P=0.171	P=0.495	P=0.498	P=0.132

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Mixed Cell Focus				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/49 (2%)	1/49 (2%)
POLY-3 RATE (b)	2/47.22	0/46.74	1/47.09	1/48.47
POLY-3 PERCENT (g)	4.2%	0%	2.1%	2.1%
TERMINAL (d)	2/42 (5%)	0/42 (0%)	1/44 (2%)	1/47 (2%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.619N	P=0.240N	P=0.501N	P=0.491N
POLY 1.5	P=0.625N	P=0.239N	P=0.504N	P=0.498N
POLY 6	P=0.613N	P=0.240N	P=0.496N	P=0.482N
COCH-ARM / FISHERS	P=0.633N	P=0.247N	P=0.508N	P=0.508N
MAX-ISO-POLY-3	P=0.280N	P=0.078N	P=0.282N	P=0.277N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver Necrosis				
LESION RATES				
OVERALL (a)	4/50 (8%)	3/50 (6%)	2/49 (4%)	0/49 (0%)
POLY-3 RATE (b)	4/48.22	3/48.48	2/47.26	0/48.47
POLY-3 PERCENT (g)	8.3%	6.2%	4.2%	0%
TERMINAL (d)	1/42 (2%)	0/42 (0%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	533	508	686	---
STATISTICAL TESTS				
POLY 3	P=0.048N*	P=0.497N	P=0.347N	P=0.060N
POLY 1.5	P=0.049N*	P=0.498N	P=0.348N	P=0.061N
POLY 6	P=0.046N*	P=0.495N	P=0.344N	P=0.058N
COCH-ARM / FISHERS	P=0.051N	P=0.500N	P=0.349N	P=0.061N
MAX-ISO-POLY-3	P=0.044N*	P=0.345N	P=0.209N	P=0.020N*

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver Pigment				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver				
Tension Lipidosis				
LESION RATES				
OVERALL (a)	3/50 (6%)	5/50 (10%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	3/47.28	5/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	6.3%	10.7%	0%	0%
TERMINAL (d)	2/42 (5%)	5/42 (12%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	714	729 (T)	---	---
STATISTICAL TESTS				
POLY 3	P=0.032N*	P=0.350	P=0.120N	P=0.115N
POLY 1.5	P=0.034N*	P=0.353	P=0.121N	P=0.118N
POLY 6	P=0.031N*	P=0.349	P=0.117N	P=0.110N
COCH-ARM / FISHERS	P=0.037N*	P=0.357	P=0.125N	P=0.125N
MAX-ISO-POLY-3	P=0.031N*	P=0.228	P=0.039N*	P=0.039N*

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver: Bile Duct Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	1/48.47
POLY-3 PERCENT (g)	0%	0%	0%	2.1%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	1/47 (2%)
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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Liver: Hepatocyte Cytoplasmic Alteration				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	48/49 (98%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	48/48.55
POLY-3 PERCENT (g)	0%	0%	0%	98.9%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	47/47 (100%)
FIRST INCIDENCE	---	---	---	708
STATISTICAL TESTS				
POLY 3	P<0.001**	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
<hr/>				
Liver: Hepatocyte				
Multinucleated				
<hr/>				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	0/47.09	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung				
Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/47.22	0/46.74	1/47.09	0/48.89
POLY-3 PERCENT (g)	4.2%	0%	2.1%	0%
TERMINAL (d)	2/42 (5%)	0/42 (0%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.268N	P=0.240N	P=0.501N	P=0.230N
POLY 1.5	P=0.271N	P=0.239N	P=0.504N	P=0.233N
POLY 6	P=0.264N	P=0.240N	P=0.496N	P=0.225N
COCH-ARM / FISHERS	P=0.276N	P=0.247N	P=0.508N	P=0.247N
MAX-ISO-POLY-3	P=0.081N	P=0.078N	P=0.282N	P=0.076N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung				
Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/49 (2%)	1/50 (2%)
POLY-3 RATE (b)	2/47.28	0/46.74	1/47.09	1/48.89
POLY-3 PERCENT (g)	4.2%	0%	2.1%	2.1%
TERMINAL (d)	1/42 (2%)	0/42 (0%)	1/44 (2%)	1/47 (2%)
FIRST INCIDENCE	714	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.615N	P=0.240N	P=0.501N	P=0.488N
POLY 1.5	P=0.619N	P=0.239N	P=0.504N	P=0.493N
POLY 6	P=0.610N	P=0.240N	P=0.497N	P=0.481N
COCH-ARM / FISHERS	P=0.626N	P=0.247N	P=0.508N	P=0.500N
MAX-ISO-POLY-3	P=0.279N	P=0.079N	P=0.282N	P=0.274N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung				
Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/49 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/47.22	0/46.74	2/47.09	0/48.89
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	2/44 (5%)	0/47 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.662N	(e)	P=0.237	(e)
POLY 1.5	P=0.668N	(e)	P=0.235	(e)
POLY 6	P=0.654N	(e)	P=0.240	(e)
COCH-ARM / FISHERS	P=0.675N	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.261	(e)	P=0.077	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung: Alveolar Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	5/49 (10%)	1/50 (2%)
POLY-3 RATE (b)	2/47.22	3/46.74	5/47.86	1/48.89
POLY-3 PERCENT (g)	4.2%	6.4%	10.5%	2.1%
TERMINAL (d)	2/42 (5%)	3/42 (7%)	4/44 (9%)	1/47 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	448	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.268N	P=0.495	P=0.222	P=0.488N
POLY 1.5	P=0.277N	P=0.497	P=0.216	P=0.493N
POLY 6	P=0.256N	P=0.495	P=0.230	P=0.481N
COCH-ARM / FISHERS	P=0.289N	P=0.500	P=0.210	P=0.500N
MAX-ISO-POLY-3	P=0.245N	P=0.321	P=0.127	P=0.274N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lung: Perivascular Infiltration Cellular Mononuclear Cell				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/47.22	0/46.74	1/47.09	0/48.89
POLY-3 PERCENT (g)	4.2%	0%	2.1%	0%
TERMINAL (d)	2/42 (5%)	0/42 (0%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.268N	P=0.240N	P=0.501N	P=0.230N
POLY 1.5	P=0.271N	P=0.239N	P=0.504N	P=0.233N
POLY 6	P=0.264N	P=0.240N	P=0.496N	P=0.225N
COCH-ARM / FISHERS	P=0.276N	P=0.247N	P=0.508N	P=0.247N
MAX-ISO-POLY-3	P=0.081N	P=0.078N	P=0.282N	P=0.076N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mandibular Atrophy				
LESION RATES				
OVERALL (a)	0/49 (0%)	3/50 (6%)	2/49 (4%)	1/50 (2%)
POLY-3 RATE (b)	0/46.60	3/48.49	2/47.59	1/49.34
POLY-3 PERCENT (g)	0%	6.2%	4.2%	2%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	---	508	585	598
STATISTICAL TESTS				
POLY 3	P=0.542N	P=0.126	P=0.242	P=0.511
POLY 1.5	P=0.549N	P=0.125	P=0.240	P=0.508
POLY 6	P=0.532N	P=0.128	P=0.246	P=0.516
COCH-ARM / FISHERS	P=0.558N	P=0.125	P=0.247	P=0.505
MAX-ISO-POLY-3	P=0.209	P=0.043*	P=0.081	P=0.172

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mandibular Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	5/49 (10%)	2/50 (4%)	3/49 (6%)	6/50 (12%)
POLY-3 RATE (b)	5/46.60	2/46.74	3/47.09	6/48.89
POLY-3 PERCENT (g)	10.7%	4.3%	6.4%	12.3%
TERMINAL (d)	5/42 (12%)	2/42 (5%)	3/44 (7%)	6/47 (13%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.247	P=0.215N	P=0.351N	P=0.533
POLY 1.5	P=0.240	P=0.213N	P=0.354N	P=0.525
POLY 6	P=0.257	P=0.217N	P=0.345N	P=0.545
COCH-ARM / FISHERS	P=0.228	P=0.210N	P=0.357N	P=0.514
MAX-ISO-POLY-3	P=0.304	P=0.120N	P=0.228N	P=0.407

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm

Lymph Node, Mandibular
Infiltration Cellular Plasma Cell

LESION RATES

OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/46.60	0/46.74	0/47.09	0/48.89
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Atrophy				
LESION RATES				
OVERALL (a)	0/46 (0%)	3/48 (6%)	2/47 (4%)	2/47 (4%)
POLY-3 RATE (b)	0/43.81	3/46.02	2/45.59	2/46.92
POLY-3 PERCENT (g)	0%	6.5%	4.4%	4.3%
TERMINAL (d)	0/39 (0%)	1/41 (2%)	0/42 (0%)	2/46 (4%)
FIRST INCIDENCE	---	535	585	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.487	P=0.128	P=0.246	P=0.253
POLY 1.5	P=0.476	P=0.127	P=0.244	P=0.248
POLY 6	P=0.501	P=0.129	P=0.250	P=0.259
COCH-ARM / FISHERS	P=0.462	P=0.129	P=0.253	P=0.253
MAX-ISO-POLY-3	P=0.181	P=0.044*	P=0.083	P=0.090

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	0/46 (0%)	3/48 (6%)	0/47 (0%)	2/47 (4%)
POLY-3 RATE (b)	0/43.81	3/44.99	0/45.09	2/46.92
POLY-3 PERCENT (g)	0%	6.7%	0%	4.3%
TERMINAL (d)	0/39 (0%)	2/41 (5%)	0/42 (0%)	2/46 (4%)
FIRST INCIDENCE	---	714	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.425	P=0.123	(e)	P=0.253
POLY 1.5	P=0.418	P=0.124	(e)	P=0.248
POLY 6	P=0.434	P=0.123	(e)	P=0.259
COCH-ARM / FISHERS	P=0.409	P=0.129	(e)	P=0.253
MAX-ISO-POLY-3	P=0.181	P=0.040*	(e)	P=0.090

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Hyperplasia Lymphocyte				
LESION RATES				
OVERALL (a)	15/46 (33%)	9/48 (19%)	12/47 (26%)	9/47 (19%)
POLY-3 RATE (b)	15/43.87	9/44.93	12/45.09	9/46.92
POLY-3 PERCENT (g)	34.2%	20%	26.6%	19.2%
TERMINAL (d)	14/39 (36%)	9/41 (22%)	12/42 (29%)	9/46 (20%)
FIRST INCIDENCE	714	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.153N	P=0.102N	P=0.293N	P=0.082N
POLY 1.5	P=0.172N	P=0.100N	P=0.298N	P=0.092N
POLY 6	P=0.132N	P=0.102N	P=0.281N	P=0.070N
COCH-ARM / FISHERS	P=0.200N	P=0.096N	P=0.301N	P=0.106N
MAX-ISO-POLY-3	P=0.084N	P=0.065N	P=0.222N	P=0.056N

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm

Lymph Node, Mesenteric
Infiltration Cellular Mixed Cell

LESION RATES

OVERALL (a)	0/46 (0%)	0/48 (0%)	0/47 (0%)	0/47 (0%)
POLY-3 RATE (b)	0/43.81	0/44.93	0/45.09	0/46.92
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/39 (0%)	0/41 (0%)	0/42 (0%)	0/46 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Lymph Node, Mesenteric Infiltration Cellular Plasma Cell				
LESION RATES				
OVERALL (a)	2/46 (4%)	4/48 (8%)	4/47 (9%)	3/47 (6%)
POLY-3 RATE (b)	2/43.81	4/44.93	4/45.09	3/46.92
POLY-3 PERCENT (g)	4.6%	8.9%	8.9%	6.4%
TERMINAL (d)	2/39 (5%)	4/41 (10%)	4/42 (10%)	3/46 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.581N	P=0.349	P=0.351	P=0.531
POLY 1.5	P=0.595N	P=0.352	P=0.348	P=0.522
POLY 6	P=0.563N	P=0.348	P=0.356	P=0.544
COCH-ARM / FISHERS	P=0.589	P=0.359	P=0.349	P=0.510
MAX-ISO-POLY-3	P=0.431	P=0.210	P=0.213	P=0.356

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Mesentery: Fat Necrosis				
LESION RATES				
OVERALL (a)	1/1 (100%)	1/2 (50%)	2/2 (100%)	0/2 (0%)
POLY-3 RATE (b)	1/1.00	1/2.00	2/2.00	0/1.92
POLY-3 PERCENT (g)	100%	50%	100%	0%
TERMINAL (d)	1/1 (100%)	1/2 (50%)	2/2 (100%)	0/1 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.110N	P=0.614N	(e)	P<0.001N**
POLY 1.5	P=0.104N	P=0.614N	(e)	P<0.001N**
POLY 6	P=0.124N	P=0.614N	(e)	P<0.001N**
COCH-ARM / FISHERS	P=0.142N	P=0.667N	(e)	P=0.333N
MAX-ISO-POLY-3	P=0.068N	P=0.308N	(e)	P<0.001N**

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose				
Eosinophilic Material				
LESION RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	1/47.22	1/46.74	1/47.62	3/48.89
POLY-3 PERCENT (g)	2.1%	2.1%	2.1%	6.1%
TERMINAL (d)	1/42 (2%)	1/42 (2%)	1/44 (2%)	3/47 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.167	P=0.758	P=0.759N	P=0.318
POLY 1.5	P=0.163	P=0.759	P=0.760N	P=0.313
POLY 6	P=0.173	P=0.758	P=0.756N	P=0.326
COCH-ARM / FISHERS	P=0.157	P=0.753N	P=0.753N	P=0.309
MAX-ISO-POLY-3	P=0.218	P=0.496	P=0.497N	P=0.168

Experiment Number: 10987 - 02
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose Inflammation				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/47.22	1/46.74	2/48.41	0/48.89
POLY-3 PERCENT (g)	0%	2.1%	4.1%	0%
TERMINAL (d)	0/42 (0%)	1/42 (2%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	---	729 (T)	448	---
STATISTICAL TESTS				
POLY 3	P=0.486N	P=0.498	P=0.243	(e)
POLY 1.5	P=0.492N	P=0.499	P=0.241	(e)
POLY 6	P=0.477N	P=0.498	P=0.246	(e)
COCH-ARM / FISHERS	P=0.500N	P=0.500	P=0.247	(e)
MAX-ISO-POLY-3	P=0.336N	P=0.159	P=0.081	(e)

Experiment Number: 10987 - 02
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose: Olfactory Epithelium				
Metaplasia Respiratory				
LESION RATES				
OVERALL (a)	4/50 (8%)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	4/47.22	1/46.74	1/47.62	2/48.89
POLY-3 PERCENT (g)	8.5%	2.1%	2.1%	4.1%
TERMINAL (d)	4/42 (10%)	1/42 (2%)	1/44 (2%)	2/47 (4%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.467N	P=0.182N	P=0.176N	P=0.322N
POLY 1.5	P=0.473N	P=0.181N	P=0.178N	P=0.329N
POLY 6	P=0.460N	P=0.182N	P=0.173N	P=0.312N
COCH-ARM / FISHERS	P=0.482N	P=0.181N	P=0.181N	P=0.339N
MAX-ISO-POLY-3	P=0.139N	P=0.087N	P=0.083N	P=0.193N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/47.22	1/46.80	1/47.62	1/48.89
POLY-3 PERCENT (g)	0%	2.1%	2.1%	2.1%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	1/44 (2%)	1/47 (2%)
FIRST INCIDENCE	---	714	729 (T)	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: 10987 - 02
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose: Respiratory Epithelium Cyst				
LESION RATES				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	1/47.22	0/46.74	0/47.62	2/48.89
POLY-3 PERCENT (g)	2.1%	0%	0%	4.1%
TERMINAL (d)	1/42 (2%)	0/42 (0%)	0/44 (0%)	2/47 (4%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.193	P=0.502N	P=0.498N	P=0.512
POLY 1.5	P=0.190	P=0.501N	P=0.499N	P=0.507
POLY 6	P=0.197	P=0.502N	P=0.496N	P=0.519
COCH-ARM / FISHERS	P=0.186	P=0.500N	P=0.500N	P=0.500
MAX-ISO-POLY-3	P=0.153	P=0.161N	P=0.159N	P=0.294

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Nose: Respiratory Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	0/47.22	0/46.74	3/47.78	2/48.89
POLY-3 PERCENT (g)	0%	0%	6.3%	4.1%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	2/44 (5%)	2/47 (4%)
FIRST INCIDENCE	---	---	686	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.191	(e)	P=0.121	P=0.245
POLY 1.5	P=0.184	(e)	P=0.120	P=0.242
POLY 6	P=0.199	(e)	P=0.123	P=0.250
COCH-ARM / FISHERS	P=0.177	(e)	P=0.121	P=0.247
MAX-ISO-POLY-3	P=0.093	(e)	P=0.040*	P=0.084

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Ovary				
Angiectasis				
LESION RATES				
OVERALL (a)	2/48 (4%)	0/50 (0%)	0/48 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.22	0/46.74	0/46.09	0/48.89
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/40 (5%)	0/42 (0%)	0/43 (0%)	0/47 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
STATISTICAL TESTS				
POLY 3	P=0.255N	P=0.230N	P=0.233N	P=0.220N
POLY 1.5	P=0.256N	P=0.229N	P=0.235N	P=0.224N
POLY 6	P=0.254N	P=0.230N	P=0.229N	P=0.215N
COCH-ARM / FISHERS	P=0.258N	P=0.237N	P=0.247N	P=0.237N
MAX-ISO-POLY-3	P=0.033N*	P=0.074N	P=0.076N	P=0.074N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Ovary Atrophy				
LESION RATES				
OVERALL (a)	24/48 (50%)	29/50 (58%)	20/48 (42%)	25/50 (50%)
POLY-3 RATE (b)	24/46.62	29/49.21	20/47.36	25/49.47
POLY-3 PERCENT (g)	51.5%	58.9%	42.2%	50.5%
TERMINAL (d)	20/40 (50%)	23/42 (55%)	17/43 (40%)	24/47 (51%)
FIRST INCIDENCE	541	508	448	547
STATISTICAL TESTS				
POLY 3	P=0.407N	P=0.299	P=0.245N	P=0.544N
POLY 1.5	P=0.418N	P=0.290	P=0.255N	P=0.559N
POLY 6	P=0.394N	P=0.313	P=0.233N	P=0.526N
COCH-ARM / FISHERS	P=0.435N	P=0.277	P=0.270N	P=0.580N
MAX-ISO-POLY-3	P=0.322N	P=0.236	P=0.187N	P=0.463N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Ovary Cyst				
LESION RATES				
OVERALL (a)	6/48 (13%)	10/50 (20%)	7/48 (15%)	4/50 (8%)
POLY-3 RATE (b)	6/45.58	10/46.74	7/46.09	4/48.97
POLY-3 PERCENT (g)	13.2%	21.4%	15.2%	8.2%
TERMINAL (d)	4/40 (10%)	10/42 (24%)	7/43 (16%)	3/47 (6%)
FIRST INCIDENCE	647	729 (T)	729 (T)	708
STATISTICAL TESTS				
POLY 3	P=0.115N	P=0.221	P=0.508	P=0.326N
POLY 1.5	P=0.122N	P=0.226	P=0.504	P=0.334N
POLY 6	P=0.106N	P=0.216	P=0.516	P=0.315N
COCH-ARM / FISHERS	P=0.133N	P=0.233	P=0.500	P=0.344N
MAX-ISO-POLY-3	P=0.174N	P=0.148	P=0.390	P=0.223N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Ovary: Interstitial Cell Hyperplasia				
LESION RATES				
OVERALL (a)	0/48 (0%)	1/50 (2%)	0/48 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/45.22	1/46.74	0/46.09	2/48.89
POLY-3 PERCENT (g)	0%	2.1%	0%	4.1%
TERMINAL (d)	0/40 (0%)	1/42 (2%)	0/43 (0%)	2/47 (4%)
FIRST INCIDENCE	---	729 (T)	---	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.161	P=0.507	(e)	P=0.255
POLY 1.5	P=0.158	P=0.507	(e)	P=0.251
POLY 6	P=0.165	P=0.507	(e)	P=0.260
COCH-ARM / FISHERS	P=0.154	P=0.510	(e)	P=0.258
MAX-ISO-POLY-3	P=0.100	P=0.164	(e)	P=0.091

Experiment Number: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm

Pancreas: Acinus
Atrophy

LESION RATES

OVERALL (a)	0/50 (0%)	0/49 (0%)	0/48 (0%)	0/49 (0%)
POLY-3 RATE (b)	0/47.22	0/45.93	0/46.56	0/48.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
 Time Report Requested: 10:01:08
 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Pancreas: Duct Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/48 (4%)	1/49 (2%)
POLY-3 RATE (b)	0/47.22	0/45.93	2/46.56	1/48.47
POLY-3 PERCENT (g)	0%	0%	4.3%	2.1%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	2/44 (5%)	1/47 (2%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.404	(e)	P=0.234	P=0.505
POLY 1.5	P=0.394	(e)	P=0.231	P=0.501
POLY 6	P=0.417	(e)	P=0.239	P=0.510
COCH-ARM / FISHERS	P=0.380	(e)	P=0.237	P=0.495
MAX-ISO-POLY-3	P=0.182	(e)	P=0.075	P=0.166

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Pituitary Gland: Pars Distalis Hyperplasia				
LESION RATES				
OVERALL (a)	2/49 (4%)	0/49 (0%)	2/48 (4%)	1/47 (2%)
POLY-3 RATE (b)	2/46.81	0/45.74	2/46.56	1/46.47
POLY-3 PERCENT (g)	4.3%	0%	4.3%	2.2%
TERMINAL (d)	2/42 (5%)	0/41 (0%)	2/44 (5%)	1/45 (2%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.589N	P=0.242N	P=0.692	P=0.503N
POLY 1.5	P=0.596N	P=0.241N	P=0.689	P=0.508N
POLY 6	P=0.580N	P=0.244N	P=0.690N	P=0.495N
COCH-ARM / FISHERS	P=0.607N	P=0.247N	P=0.684	P=0.516N
MAX-ISO-POLY-3	P=0.427N	P=0.081N	P=0.497	P=0.284N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Pituitary Gland: Pars Intermedia Hyperplasia				
LESION RATES				
OVERALL (a)	0/49 (0%)	0/49 (0%)	2/48 (4%)	0/47 (0%)
POLY-3 RATE (b)	0/46.81	0/45.74	2/46.56	0/46.47
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/42 (0%)	0/41 (0%)	2/44 (5%)	0/45 (0%)
FIRST INCIDENCE	---	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.671N	(e)	P=0.236	(e)
POLY 1.5	P=0.678N	(e)	P=0.234	(e)
POLY 6	P=0.663N	(e)	P=0.239	(e)
COCH-ARM / FISHERS	P=0.685N	(e)	P=0.242	(e)
MAX-ISO-POLY-3	P=0.254	(e)	P=0.076	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen				
Extramedullary Hematopoiesis				
LESION RATES				
OVERALL (a)	25/50 (50%)	35/50 (70%)	25/49 (51%)	21/49 (43%)
POLY-3 RATE (b)	25/48.05	35/48.89	25/47.09	21/49.00
POLY-3 PERCENT (g)	52%	71.6%	53.1%	42.9%
TERMINAL (d)	21/42 (50%)	30/42 (71%)	25/44 (57%)	19/47 (40%)
FIRST INCIDENCE	621	508	729 (T)	598
STATISTICAL TESTS				
POLY 3	P=0.028N*	P=0.035*	P=0.541	P=0.242N
POLY 1.5	P=0.036N*	P=0.033*	P=0.539	P=0.267N
POLY 6	P=0.021N*	P=0.038*	P=0.545	P=0.213N
COCH-ARM / FISHERS	P=0.053N	P=0.033*	P=0.540	P=0.305N
MAX-ISO-POLY-3	P=0.046N*	P=0.022*	P=0.458	P=0.187N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen				
Hyperplasia Lymphocyte				
LESION RATES				
OVERALL (a)	23/50 (46%)	24/50 (48%)	22/49 (45%)	21/49 (43%)
POLY-3 RATE (b)	23/47.22	24/46.74	22/47.09	21/48.47
POLY-3 PERCENT (g)	48.7%	51.4%	46.7%	43.3%
TERMINAL (d)	23/42 (55%)	24/42 (57%)	22/44 (50%)	21/47 (45%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.277N	P=0.480	P=0.505N	P=0.374N
POLY 1.5	P=0.317N	P=0.487	P=0.521N	P=0.408N
POLY 6	P=0.230N	P=0.477	P=0.477N	P=0.328N
COCH-ARM / FISHERS	P=0.374N	P=0.500	P=0.537N	P=0.455N
MAX-ISO-POLY-3	P=0.418N	P=0.397	P=0.422N	P=0.302N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen Pigment				
LESION RATES				
OVERALL (a)	6/50 (12%)	7/50 (14%)	12/49 (24%)	12/49 (24%)
POLY-3 RATE (b)	6/47.81	7/46.74	12/47.09	12/48.47
POLY-3 PERCENT (g)	12.6%	15%	25.5%	24.8%
TERMINAL (d)	5/42 (12%)	7/42 (17%)	12/44 (27%)	12/47 (26%)
FIRST INCIDENCE	541	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.091	P=0.483	P=0.088	P=0.100
POLY 1.5	P=0.083	P=0.489	P=0.087	P=0.095
POLY 6	P=0.103	P=0.477	P=0.091	P=0.109
COCH-ARM / FISHERS	P=0.073	P=0.500	P=0.088	P=0.088
MAX-ISO-POLY-3	P=0.097	P=0.367	P=0.053	P=0.063

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

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 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Spleen: White Pulp Atrophy				
LESION RATES				
OVERALL (a)	4/50 (8%)	5/50 (10%)	1/49 (2%)	2/49 (4%)
POLY-3 RATE (b)	4/48.95	5/49.18	1/47.11	2/49.00
POLY-3 PERCENT (g)	8.2%	10.2%	2.1%	4.1%
TERMINAL (d)	0/42 (0%)	0/42 (0%)	0/44 (0%)	0/47 (0%)
FIRST INCIDENCE	541	508	724	598
STATISTICAL TESTS				
POLY 3	P=0.211N	P=0.503	P=0.191N	P=0.337N
POLY 1.5	P=0.215N	P=0.502	P=0.189N	P=0.341N
POLY 6	P=0.207N	P=0.505	P=0.193N	P=0.332N
COCH-ARM / FISHERS	P=0.219N	P=0.500	P=0.187N	P=0.349N
MAX-ISO-POLY-3	P=0.174N	P=0.366	P=0.094N	P=0.203N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
 CAS Number: 84-74-2

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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Stomach, Forestomach: Epithelium Hyperplasia				
LESION RATES				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/49 (2%)	0/49 (0%)
POLY-3 RATE (b)	2/47.52	0/46.74	1/47.09	0/48.47
POLY-3 PERCENT (g)	4.2%	0%	2.1%	0%
TERMINAL (d)	1/42 (2%)	0/42 (0%)	1/44 (2%)	0/47 (0%)
FIRST INCIDENCE	647	---	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.269N	P=0.241N	P=0.503N	P=0.233N
POLY 1.5	P=0.274N	P=0.240N	P=0.505N	P=0.237N
POLY 6	P=0.264N	P=0.242N	P=0.500N	P=0.228N
COCH-ARM / FISHERS	P=0.280N	P=0.247N	P=0.508N	P=0.253N
MAX-ISO-POLY-3	P=0.082N	P=0.080N	P=0.283N	P=0.077N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
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 First Dose M/F: 08/17/10 / 08/16/10
 Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Stomach, Glandular: Epithelium Cyst				
LESION RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/49 (0%)	1/49 (2%)
POLY-3 RATE (b)	0/47.22	1/46.74	0/47.09	1/48.47
POLY-3 PERCENT (g)	0%	2.1%	0%	2.1%
TERMINAL (d)	0/42 (0%)	1/42 (2%)	0/44 (0%)	1/47 (2%)
FIRST INCIDENCE	---	729 (T)	---	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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Testis: Bilateral, Germinal Epithelium Degeneration				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
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First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm

Testis: Bilateral, Interstitial Cell Atrophy

LESION RATES

OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Dibutyl Phthalate
CAS Number: 84-74-2

Date Report Requested: 06/05/2018
Time Report Requested: 10:01:08
First Dose M/F: 08/17/10 / 08/16/10
Lab: BAT

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Testis: Germinal Epithelium Degeneration				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 10987 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Testis: Interstitial Cell Atrophy				
LESION RATES				
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thymus Atrophy				
LESION RATES				
OVERALL (a)	3/45 (7%)	6/48 (13%)	6/47 (13%)	1/47 (2%)
POLY-3 RATE (b)	3/43.83	6/46.73	6/47.00	1/46.42
POLY-3 PERCENT (g)	6.9%	12.8%	12.8%	2.2%
TERMINAL (d)	1/39 (3%)	1/40 (3%)	2/43 (5%)	1/46 (2%)
FIRST INCIDENCE	647	508	448	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.098N	P=0.275	P=0.278	P=0.285N
POLY 1.5	P=0.100N	P=0.275	P=0.272	P=0.287N
POLY 6	P=0.095N	P=0.275	P=0.286	P=0.282N
COCH-ARM / FISHERS	P=0.103N	P=0.276	P=0.265	P=0.292N
MAX-ISO-POLY-3	P=0.118N	P=0.176	P=0.180	P=0.145N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thymus Cyst				
LESION RATES				
OVERALL (a)	0/45 (0%)	1/48 (2%)	3/47 (6%)	0/47 (0%)
POLY-3 RATE (b)	0/43.26	1/44.80	3/45.57	0/46.42
POLY-3 PERCENT (g)	0%	2.2%	6.6%	0%
TERMINAL (d)	0/39 (0%)	0/40 (0%)	3/43 (7%)	0/46 (0%)
FIRST INCIDENCE	---	714	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.452N	P=0.507	P=0.128	(e)
POLY 1.5	P=0.459N	P=0.509	P=0.127	(e)
POLY 6	P=0.441N	P=0.505	P=0.130	(e)
COCH-ARM / FISHERS	P=0.469N	P=0.516	P=0.129	(e)
MAX-ISO-POLY-3	P=0.245	P=0.163	P=0.044*	(e)

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thymus Hyperplasia Lymphoid				
LESION RATES				
OVERALL (a)	4/45 (9%)	5/48 (10%)	2/47 (4%)	1/47 (2%)
POLY-3 RATE (b)	4/43.26	5/44.74	2/45.57	1/46.42
POLY-3 PERCENT (g)	9.3%	11.2%	4.4%	2.2%
TERMINAL (d)	4/39 (10%)	5/40 (13%)	2/43 (5%)	1/46 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.080N	P=0.521	P=0.313N	P=0.158N
POLY 1.5	P=0.083N	P=0.528	P=0.316N	P=0.162N
POLY 6	P=0.076N	P=0.514	P=0.308N	P=0.153N
COCH-ARM / FISHERS	P=0.087N	P=0.541	P=0.318N	P=0.167N
MAX-ISO-POLY-3	P=0.106N	P=0.382	P=0.186N	P=0.076N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Dibutyl Phthalate
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Date Report Requested: 06/05/2018
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1/N)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Thyroid Gland: Follicle Cyst				
LESION RATES				
OVERALL (a)	2/50 (4%)	4/50 (8%)	3/48 (6%)	0/49 (0%)
POLY-3 RATE (b)	2/47.22	4/46.74	3/46.56	0/47.89
POLY-3 PERCENT (g)	4.2%	8.6%	6.4%	0%
TERMINAL (d)	2/42 (5%)	4/42 (10%)	3/44 (7%)	0/46 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS				
POLY 3	P=0.090N	P=0.333	P=0.494	P=0.234N
POLY 1.5	P=0.094N	P=0.334	P=0.488	P=0.238N
POLY 6	P=0.086N	P=0.332	P=0.503	P=0.230N
COCH-ARM / FISHERS	P=0.099N	P=0.339	P=0.480	P=0.253N
MAX-ISO-POLY-3	P=0.118N	P=0.198	P=0.319	P=0.077N

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Tooth Dysplasia				
LESION RATES				
OVERALL (a)	1/2 (50%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	1/2.00	0/0.40	0/0.00	0/0.00
POLY-3 PERCENT (g)	50%	0%	0%	0%
TERMINAL (d)	0/1 (0%)	0/0 (0%)	0/0 (0%)	0/0 (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: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Urinary Bladder Infiltration Cellular Lymphocyte				
LESION RATES				
OVERALL (a)	5/48 (10%)	0/50 (0%)	2/49 (4%)	1/50 (2%)
POLY-3 RATE (b)	5/45.60	0/46.74	2/47.09	1/48.89
POLY-3 PERCENT (g)	11%	0%	4.3%	2.1%
TERMINAL (d)	5/41 (12%)	0/42 (0%)	2/44 (5%)	1/47 (2%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)
STATISTICAL TESTS				
POLY 3	P=0.194N	P=0.028N*	P=0.204N	P=0.086N
POLY 1.5	P=0.199N	P=0.028N*	P=0.206N	P=0.089N
POLY 6	P=0.188N	P=0.029N*	P=0.199N	P=0.083N
COCH-ARM / FISHERS	P=0.209N	P=0.025N*	P=0.209N	P=0.093N
MAX-ISO-POLY-3	P=0.027N*	P=0.009N**	P=0.113N	P=0.040N*

Experiment Number: 10987 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: MICE/B6C3F1/N

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TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 ppm	1000 ppm	3000 ppm	10000 ppm
Uterus: Endometrium Hyperplasia Cystic				
LESION RATES				
OVERALL (a)	38/50 (76%)	29/50 (58%)	38/49 (78%)	36/50 (72%)
POLY-3 RATE (b)	38/47.67	29/47.22	38/47.86	36/48.97
POLY-3 PERCENT (g)	79.7%	61.4%	79.4%	73.5%
TERMINAL (d)	37/42 (88%)	28/42 (67%)	37/44 (84%)	35/47 (75%)
FIRST INCIDENCE	597	586	448	708
STATISTICAL TESTS				
POLY 3	P=0.521	P=0.035N*	P=0.588N	P=0.312N
POLY 1.5	P=0.472	P=0.038N*	P=0.576	P=0.355N
POLY 6	P=0.535N	P=0.031N*	P=0.537N	P=0.252N
COCH-ARM / FISHERS	P=0.411	P=0.044N*	P=0.522	P=0.410N
MAX-ISO-POLY-3	P=0.285N	P=0.021N*	P=0.484N	P=0.234N

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Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: MICE/B6C3F1/N

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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 ***