

Experiment Number: 10188 - 02
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

Custom Report with Litter-Based Statistics

NTP Study Number: C10188
Lock Date: 07/15/2015
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.5.0.0_sfh
PWG Approval Date: NONE

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF DI(2-ETHYLHEXYL) PHTHALATE

MALE RATS

Organ

Adrenal Cortex

Adrenal Medulla

Bone Marrow

Brain

Epididymis

Epididymis: Bilateral

Epididymis: Bilateral, Duct

Epididymis: Duct

Eye: Cornea

Heart

Heart: Artery

Heart: Valve

Kidney

Kidney: Papilla

Kidney: Papilla, Epithelium

Kidney: Pelvis

Kidney: Renal Tubule

Liver

Liver: Hepatocyte

Lung

Morphology

Degeneration Cystic

Hyperplasia Focal

Hyperplasia Focal

Hypercellularity

Hypocellularity

Necrosis

Hypospermia

Hypospermia

Exfoliated Germ Cell

Exfoliated Germ Cell

Inflammation Acute

Cardiomyopathy

Mineral

Necrosis

Mineral

Fibrosis

Thrombus

Infarct

Nephropathy Chronic Progressive

Edema

Hemorrhage

Hyperplasia

Dilation

Cyst

Basophilic Focus

Clear Cell Focus

Eosinophilic Focus

Necrosis

Pigment

Cytoplasmic Alteration

Hypertrophy

Inflammation Chronic

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF DI(2-ETHYLHEXYL) PHTHALATE

Lung: Alveolar Epithelium
Lymph Node, Mandibular
Lymph Node, Mesenteric
Nose

Nose: Olfactory Epithelium
Pancreas
Pancreas: Acinus

Pituitary Gland: Pars Distalis
Seminal Vesicle
Seminal Vesicle: Bilateral
Spleen

Spleen: White Pulp
Stomach, Glandular
Testis
Testis: Bilateral

Testis: Bilateral, Germinal Epithelium
Testis: Bilateral, Interstitial Cell
Testis: Bilateral, Seminiferous Tubule
Testis: Germinal Epithelium
Testis: Interstitial Cell
Testis: Seminiferous Tubule
Thymus

Thyroid Gland: C-Cell

FEMALE RATS

Organ

Adrenal Cortex
Blood Vessel
Bone Marrow

Hyperplasia
Atrophy
Atrophy
Inflammation
Inflammation Acute
Accumulation, Hyaline Droplet
Polyarteritis Nodosa
Atrophy
Hyperplasia
Hypertrophy
Inflammation Chronic
Inflammation Chronic
Extramedullary Hematopoiesis
Pigment
Atrophy
Mineral
Polyarteritis Nodosa
Edema
Polyarteritis Nodosa
Degeneration
Hyperplasia Focal
Dysgenesis
Degeneration
Hyperplasia Focal
Dysgenesis
Atrophy
Atrophy Lymphocyte
Hyperplasia

Morphology

Hyperplasia
Mineral
Hypercellularity
Hypocellularity

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF DI(2-ETHYLHEXYL) PHTHALATE

Eye: Cornea	Inflammation Acute
Heart	Mineral
Kidney	Infarct
Kidney: Papilla	Edema
	Hemorrhage
Kidney: Papilla, Epithelium	Hyperplasia
Kidney: Renal Tubule	Cyst
	Dilation
Liver	Basophilic Focus
	Clear Cell Focus
	Eosinophilic Focus
	Pigment
Liver: Bile Duct	Hyperplasia
Liver: Hepatocyte	Cytoplasmic Alteration
	Hypertrophy
Lung	Infiltration Cellular Histiocyte
Lymph Node, Mandibular	Atrophy
Lymph Node, Mesenteric	Atrophy
Mammary Gland	Hyperplasia
Nose	Inflammation Chronic
Nose: Olfactory Epithelium	Accumulation, Hyaline Droplet
Nose: Respiratory Epithelium	Accumulation, Hyaline Droplet
Ovary	Atrophy
Ovary: Bilateral	Atrophy
Ovary: Bilateral, Follicle	Cyst
Ovary: Germinal Epithelium	Cyst
Pancreas: Acinus	Hyperplasia
Spleen	Extramedullary Hematopoiesis
Spleen: White Pulp	Atrophy
Thyroid Gland: C-Cell	Hyperplasia
Thyroid Gland: Follicular Cell	Hyperplasia
Uterus	Inflammation Acute
Uterus: Endometrium	Hyperplasia Cystic
	Squamous Metaplasia

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex					
Angiectasis					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex					
Degeneration Cystic					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	1/50 (2%)	1/50 (2%)	3/49 (6%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	3/25 (12%)
POLY-3 RATE (c)	1/38.35	0/42.09	1/47.18	1/45.02	3/34.50
POLY-3 PERCENT (g)	2.6%	0%	2.1%	2.2%	8.7%
TERMINAL (d)	1/25 (4%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	3/29 (10%)
FIRST INCIDENCE	729 (T)	---	729 (T)	628	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.046*	P=0.481N	P=0.712N	P=0.724N	P=0.267
POLY 1.5	P=0.046*	P=0.490N	P=0.731N	P=0.738N	P=0.253
POLY 6	P=0.048*	P=0.471N	P=0.690N	P=0.706N	P=0.295
RAO-SCOTT	P=0.057	P=0.506N	P=0.713N	P=0.718N	P=0.288
LITTER C-A/FISHERS	P=0.067	P=0.500N	P=0.755	P=0.755	P=0.305

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex					
Hyperplasia Focal					
LESION RATES					
OVERALL (a)	5/50 (10%)	5/49 (10%)	5/50 (10%)	4/50 (8%)	0/49 (0%)
LITTERS (b)	5/25 (20%)	5/25 (20%)	5/25 (20%)	4/25 (16%)	0/25 (0%)
POLY-3 RATE (c)	5/39.16	5/42.09	5/47.18	4/44.66	0/34.50
POLY-3 PERCENT (g)	12.8%	11.9%	10.6%	9%	0%
TERMINAL (d)	3/25 (12%)	5/33 (15%)	5/40 (13%)	4/35 (11%)	0/29 (0%)
FIRST INCIDENCE	540	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.037N*	P=0.585N	P=0.509N	P=0.418N	P=0.042N*
POLY 1.5	P=0.038N*	P=0.607N	P=0.554N	P=0.448N	P=0.046N*
POLY 6	P=0.033N*	P=0.559N	P=0.460N	P=0.386N	P=0.034N*
RAO-SCOTT	P=0.030N*	P=0.568N	P=0.499N	P=0.407N	P=0.042N*
LITTER C-A/FISHERS	P=0.015N*	P=0.637	P=0.637	P=0.500N	P=0.025N*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex					
Hypertrophy Focal					
LESION RATES					
OVERALL (a)	7/50 (14%)	3/49 (6%)	8/50 (16%)	6/50 (12%)	3/49 (6%)
LITTERS (b)	6/25 (24%)	3/25 (12%)	8/25 (32%)	6/25 (24%)	3/25 (12%)
POLY-3 RATE (c)	7/39.94	3/42.09	8/47.83	6/44.74	3/35.22
POLY-3 PERCENT (g)	17.5%	7.1%	16.7%	13.4%	8.5%
TERMINAL (d)	3/25 (12%)	3/33 (9%)	7/40 (18%)	5/35 (14%)	2/29 (7%)
FIRST INCIDENCE	577	729 (T)	512	708	478
STATISTICAL TESTS					
POLY 3	P=0.290N	P=0.134N	P=0.573N	P=0.412N	P=0.210N
POLY 1.5	P=0.295N	P=0.145N	P=0.597	P=0.443N	P=0.228N
POLY 6	P=0.268N	P=0.124N	P=0.520N	P=0.383N	P=0.181N
RAO-SCOTT	P=0.274N	P=0.143N	P=0.566N	P=0.410N	P=0.208N
LITTER C-A/FISHERS	P=0.204N	P=0.232N	P=0.377	P=0.629	P=0.232N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex					
Necrosis					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	3/39.84	0/42.09	0/47.18	1/44.93	0/34.50
POLY-3 PERCENT (g)	7.5%	0%	0%	2.2%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	328	---	---	657	---
STATISTICAL TESTS					
POLY 3	P=0.308N	P=0.109N	P=0.091N	P=0.263N	P=0.146N
POLY 1.5	P=0.299N	P=0.114N	P=0.101N	P=0.280N	P=0.152N
POLY 6	P=0.316N	P=0.102N	P=0.082N	P=0.245N	P=0.132N
RAO-SCOTT	P=0.334N	P=0.194N	P=0.178N	P=0.347N	P=0.217N
LITTER C-A/FISHERS	P=0.250N	P=0.117N	P=0.117N	P=0.305N	P=0.117N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex Thrombus					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	1/45.01	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	2.2%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	631	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Cortex: Bilateral Hypertrophy Focal					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/38.35	0/42.09	2/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	2.6%	0%	4.2%	0%	0%
TERMINAL (d)	1/25 (4%)	0/33 (0%)	2/40 (5%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.329N	P=0.481N	P=0.571	P=0.470N	P=0.521N
POLY 1.5	P=0.333N	P=0.490N	P=0.545	P=0.481N	P=0.530N
POLY 6	P=0.322N	P=0.471N	P=0.601	P=0.457N	P=0.505N
RAO-SCOTT	P=0.387N	P=0.562N	P=0.611	P=0.558N	P=0.557N
LITTER C-A/FISHERS	P=0.314N	P=0.500N	P=0.500	P=0.500N	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Medulla Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	1/42.09	1/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	2.4%	2.1%	0%	0%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Medulla Hyperplasia Focal					
LESION RATES					
OVERALL (a)	10/50 (20%)	14/49 (29%)	9/50 (18%)	8/50 (16%)	2/49 (4%)
LITTERS (b)	10/25 (40%)	12/25 (48%)	8/25 (32%)	7/25 (28%)	2/25 (8%)
POLY-3 RATE (c)	10/40.51	14/42.90	9/47.62	8/45.01	2/34.50
POLY-3 PERCENT (g)	24.7%	32.6%	18.9%	17.8%	5.8%
TERMINAL (d)	5/25 (20%)	11/33 (33%)	7/40 (18%)	7/35 (20%)	2/29 (7%)
FIRST INCIDENCE	476	546	645	631	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.009N**	P=0.287	P=0.346N	P=0.302N	P=0.026N*
POLY 1.5	P=0.009N**	P=0.262	P=0.400N	P=0.336N	P=0.030N*
POLY 6	P=0.008N**	P=0.319	P=0.290N	P=0.269N	P=0.020N*
RAO-SCOTT	P=0.008N**	P=0.288	P=0.345N	P=0.302N	P=0.029N*
LITTER C-A/FISHERS	P=0.002N**	P=0.388	P=0.384N	P=0.276N	P=0.009N**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Adrenal Medulla: Bilateral Hyperplasia Focal					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/38.71	0/42.09	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	5.2%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	657	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.367N	P=0.219N	P=0.196N	P=0.207N	P=0.263N
POLY 1.5	P=0.355N	P=0.227N	P=0.211N	P=0.218N	P=0.273N
POLY 6	P=0.382N	P=0.209N	P=0.182N	P=0.195N	P=0.246N
RAO-SCOTT	P=0.451N	P=0.375N	P=0.362N	P=0.367N	P=0.386N
LITTER C-A/FISHERS	P=0.335N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Blood Vessel					
Aneurysm					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	1/47.18	1/44.87	0/34.50
POLY-3 PERCENT (g)	0%	0%	2.1%	2.2%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	729 (T)	674	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Blood Vessel					
Mineral					
LESION RATES					
OVERALL (a)	7/50 (14%)	2/49 (4%)	3/50 (6%)	3/50 (6%)	2/49 (4%)
LITTERS (b)	5/25 (20%)	2/25 (8%)	2/25 (8%)	3/25 (12%)	2/25 (8%)
POLY-3 RATE (c)	7/42.04	2/42.17	3/47.62	3/45.37	2/35.61
POLY-3 PERCENT (g)	16.7%	4.7%	6.3%	6.6%	5.6%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	1/40 (3%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	328	708	645	628	99
STATISTICAL TESTS					
POLY 3	P=0.284N	P=0.076N	P=0.111N	P=0.127N	P=0.124N
POLY 1.5	P=0.281N	P=0.079N	P=0.127N	P=0.138N	P=0.128N
POLY 6	P=0.279N	P=0.073N	P=0.096N	P=0.115N	P=0.110N
RAO-SCOTT	P=0.316N	P=0.133N	P=0.175N	P=0.191N	P=0.177N
LITTER C-A/FISHERS	P=0.353N	P=0.209N	P=0.209N	P=0.351N	P=0.209N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Bone Marrow Congestion					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	2/25 (8%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	0/38.35	1/42.09	2/47.18	2/44.66	1/34.50
POLY-3 PERCENT (g)	0%	2.4%	4.2%	4.5%	2.9%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	2/40 (5%)	2/35 (6%)	1/29 (3%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.522	P=0.519	P=0.286	P=0.273	P=0.479
POLY 1.5	P=0.512	P=0.510	P=0.267	P=0.259	P=0.470
POLY 6	P=0.547	P=0.529	P=0.309	P=0.289	P=0.495
RAO-SCOTT	P=0.505	P=0.502	P=0.299	P=0.282	P=0.429
LITTER C-A/FISHERS	P=0.605	P=0.500	P=0.245	P=0.245	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Bone Marrow Hypercellularity					
LESION RATES					
OVERALL (a)	21/50 (42%)	17/49 (35%)	29/50 (58%)	34/50 (68%)	36/50 (72%)
LITTERS (b)	16/25 (64%)	14/25 (56%)	22/25 (88%)	21/25 (84%)	23/25 (92%)
POLY-3 RATE (c)	21/44.96	17/46.61	29/48.39	34/49.24	36/43.78
POLY-3 PERCENT (g)	46.7%	36.5%	59.9%	69.1%	82.2%
TERMINAL (d)	7/25 (28%)	9/33 (27%)	25/40 (63%)	21/35 (60%)	23/29 (79%)
FIRST INCIDENCE	328	314	557	266	99
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.216N	P=0.138	P=0.020*	P<0.001**
POLY 1.5	P<0.001**	P=0.241N	P=0.115	P=0.013*	P<0.001**
POLY 6	P<0.001**	P=0.190N	P=0.167	P=0.032*	P<0.001**
RAO-SCOTT	P<0.001**	P=0.222N	P=0.147	P=0.026*	P<0.001**
LITTER C-A/FISHERS	P=0.010**	P=0.387N	P=0.048*	P=0.098	P=0.019*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Bone Marrow Hypocellularity					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	5/50 (10%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	4/25 (16%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	5/39.50
POLY-3 PERCENT (g)	0%	0%	0%	0%	12.7%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.032*
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.028*
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.041*
RAO-SCOTT	P=0.005**	(e)	(e)	(e)	P=0.157
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	(e)	P=0.055

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Bone					
Osteopetrosis					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	2/47.92	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	4.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	512	---	---
STATISTICAL TESTS					
POLY 3	P=0.472N	(e)	P=0.290	(e)	(e)
POLY 1.5	P=0.485N	(e)	P=0.270	(e)	(e)
POLY 6	P=0.454N	(e)	P=0.315	(e)	(e)
RAO-SCOTT	P=0.541N	(e)	P=0.410	(e)	(e)
LITTER C-A/FISHERS	P=0.483N	(e)	P=0.245	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Bone: Joint, Cartilage Degeneration					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/38.86	0/42.09	0/47.18	0/44.66	2/34.50
POLY-3 PERCENT (g)	2.6%	0%	0%	0%	5.8%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	2/29 (7%)
FIRST INCIDENCE	577	---	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.085	P=0.484N	P=0.462N	P=0.472N	P=0.458
POLY 1.5	P=0.087	P=0.492N	P=0.476N	P=0.483N	P=0.446
POLY 6	P=0.084	P=0.475N	P=0.446N	P=0.461N	P=0.484
RAO-SCOTT	P=0.151	P=0.612N	P=0.611N	P=0.610N	P=0.515
LITTER C-A/FISHERS	P=0.107	P=0.500N	P=0.500N	P=0.500N	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Brain Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	3/50 (6%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	3/25 (12%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	2/42.78	3/48.06	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	4.7%	6.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	595	512	---	---
STATISTICAL TESTS					
POLY 3	P=0.194N	P=0.262	P=0.165	(e)	(e)
POLY 1.5	P=0.205N	P=0.250	P=0.146	(e)	(e)
POLY 6	P=0.180N	P=0.278	P=0.188	(e)	(e)
RAO-SCOTT	P=0.265N	P=0.340	P=0.243	(e)	(e)
LITTER C-A/FISHERS	P=0.189N	P=0.245	P=0.117	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Brain					
Necrosis					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/49 (4%)	0/50 (0%)	2/50 (4%)	4/49 (8%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	2/25 (8%)	4/25 (16%)
POLY-3 RATE (c)	1/38.44	2/43.60	0/47.18	2/45.69	4/37.30
POLY-3 PERCENT (g)	2.6%	4.6%	0%	4.4%	10.7%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	707	314	---	450	167
STATISTICAL TESTS					
POLY 3	P=0.039*	P=0.544	P=0.459N	P=0.560	P=0.168
POLY 1.5	P=0.038*	P=0.525	P=0.474N	P=0.537	P=0.152
POLY 6	P=0.041*	P=0.565	P=0.443N	P=0.585	P=0.195
RAO-SCOTT	P=0.049*	P=0.544	P=0.479N	P=0.561	P=0.189
LITTER C-A/FISHERS	P=0.053	P=0.500	P=0.500N	P=0.500	P=0.174

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Epididymis					
Hypospermia					
LESION RATES					
OVERALL (a)	4/49 (8%)	5/49 (10%)	12/50 (24%)	8/50 (16%)	43/49 (88%)
LITTERS (b)	4/25 (16%)	5/25 (20%)	11/25 (44%)	7/25 (28%)	23/25 (92%)
POLY-3 RATE (c)	4/39.50	5/42.17	12/49.41	8/45.66	43/44.00
POLY-3 PERCENT (g)	10.1%	11.9%	24.3%	17.5%	97.7%
TERMINAL (d)	1/25 (4%)	4/33 (12%)	6/40 (15%)	5/35 (14%)	28/29 (97%)
FIRST INCIDENCE	436	708	512	534	99
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.541	P=0.074	P=0.254	P<0.001**
POLY 1.5	P<0.001**	P=0.527	P=0.053	P=0.228	P<0.001**
POLY 6	P<0.001**	P=0.559	P=0.105	P=0.284	P<0.001**
RAO-SCOTT	P<0.001**	P=0.518	P=0.069	P=0.238	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.500	P=0.031*	P=0.248	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Epididymis					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	2/49 (4%)	1/49 (2%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/37.80	1/42.09	0/47.18	0/44.66	1/35.34
POLY-3 PERCENT (g)	5.3%	2.4%	0%	0%	2.8%
TERMINAL (d)	2/25 (8%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---	395
STATISTICAL TESTS					
POLY 3	P=0.661N	P=0.463N	P=0.192N	P=0.202N	P=0.524N
POLY 1.5	P=0.653N	P=0.477N	P=0.206N	P=0.213N	P=0.540N
POLY 6	P=0.670N	P=0.445N	P=0.177N	P=0.190N	P=0.495N
RAO-SCOTT	P=0.685N	P=0.579N	P=0.397N	P=0.401N	P=0.600N
LITTER C-A/FISHERS	P=0.610	P=0.755	P=0.500N	P=0.500N	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Epididymis: Bilateral Hypospermia					
LESION RATES					
OVERALL (a)	4/49 (8%)	5/49 (10%)	6/50 (12%)	5/50 (10%)	43/49 (88%)
LITTERS (b)	4/25 (16%)	5/25 (20%)	5/25 (20%)	5/25 (20%)	23/25 (92%)
POLY-3 RATE (c)	4/39.50	5/42.17	6/48.86	5/45.62	43/44.00
POLY-3 PERCENT (g)	10.1%	11.9%	12.3%	11%	97.7%
TERMINAL (d)	1/25 (4%)	4/33 (12%)	1/40 (3%)	3/35 (9%)	28/29 (97%)
FIRST INCIDENCE	436	708	512	534	99
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.541	P=0.508	P=0.589	P<0.001**
POLY 1.5	P<0.001**	P=0.527	P=0.461	P=0.561	P<0.001**
POLY 6	P<0.001**	P=0.559	P=0.560	P=0.620	P<0.001**
RAO-SCOTT	P<0.001**	P=0.518	P=0.491	P=0.570	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.500	P=0.500	P=0.500	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Epididymis: Bilateral Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	2/49 (4%)	1/49 (2%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/37.80	1/42.09	0/47.18	0/44.66	1/35.34
POLY-3 PERCENT (g)	5.3%	2.4%	0%	0%	2.8%
TERMINAL (d)	2/25 (8%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---	395
STATISTICAL TESTS					
POLY 3	P=0.661N	P=0.463N	P=0.192N	P=0.202N	P=0.524N
POLY 1.5	P=0.653N	P=0.477N	P=0.206N	P=0.213N	P=0.540N
POLY 6	P=0.670N	P=0.445N	P=0.177N	P=0.190N	P=0.495N
RAO-SCOTT	P=0.685N	P=0.579N	P=0.397N	P=0.401N	P=0.600N
LITTER C-A/FISHERS	P=0.610	P=0.755	P=0.500N	P=0.500N	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Epididymis: Bilateral, Duct Exfoliated Germ Cell					
LESION RATES					
OVERALL (a)	6/49 (12%)	5/49 (10%)	4/50 (8%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	5/25 (20%)	5/25 (20%)	3/25 (12%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	6/40.27	5/43.63	4/48.28	0/44.66	2/35.22
POLY-3 PERCENT (g)	14.9%	11.5%	8.3%	0%	5.7%
TERMINAL (d)	0/25 (0%)	2/33 (6%)	1/40 (3%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	476	359	512	---	478
STATISTICAL TESTS					
POLY 3	P=0.129N	P=0.444N	P=0.262N	P=0.010N**	P=0.178N
POLY 1.5	P=0.127N	P=0.462N	P=0.294N	P=0.012N*	P=0.187N
POLY 6	P=0.128N	P=0.427N	P=0.232N	P=0.009N**	P=0.160N
RAO-SCOTT	P=0.179N	P=0.473N	P=0.317N	P=0.034N*	P=0.224N
LITTER C-A/FISHERS	P=0.135N	P=0.637	P=0.351N	P=0.025N*	P=0.209N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Epididymis: Duct Exfoliated Germ Cell					
LESION RATES					
OVERALL (a)	6/49 (12%)	5/49 (10%)	6/50 (12%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	5/25 (20%)	5/25 (20%)	5/25 (20%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	6/40.27	5/43.63	6/48.83	0/44.66	2/35.22
POLY-3 PERCENT (g)	14.9%	11.5%	12.3%	0%	5.7%
TERMINAL (d)	0/25 (0%)	2/33 (6%)	2/40 (5%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	476	359	512	---	478
STATISTICAL TESTS					
POLY 3	P=0.097N	P=0.444N	P=0.481N	P=0.010N**	P=0.178N
POLY 1.5	P=0.097N	P=0.462N	P=0.525N	P=0.012N*	P=0.187N
POLY 6	P=0.095N	P=0.427N	P=0.435N	P=0.009N**	P=0.160N
RAO-SCOTT	P=0.142N	P=0.470N	P=0.506N	P=0.031N*	P=0.219N
LITTER C-A/FISHERS	P=0.096N	P=0.637	P=0.637	P=0.025N*	P=0.209N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Eye: Anterior Chamber Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	2/42.41	2/47.49	0/44.66	0/34.43
POLY-3 PERCENT (g)	0%	4.7%	4.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	667	645	---	---
STATISTICAL TESTS					
POLY 3	P=0.238N	P=0.260	P=0.288	(e)	(e)
POLY 1.5	P=0.248N	P=0.249	P=0.268	(e)	(e)
POLY 6	P=0.225N	P=0.275	P=0.312	(e)	(e)
RAO-SCOTT	P=0.308N	P=0.342	P=0.376	(e)	(e)
LITTER C-A/FISHERS	P=0.233N	P=0.245	P=0.245	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Eye: Bilateral, Cornea Inflammation Acute					
LESION RATES					
OVERALL (a)	4/50 (8%)	2/49 (4%)	2/50 (4%)	1/50 (2%)	1/49 (2%)
LITTERS (b)	4/25 (16%)	2/25 (8%)	2/25 (8%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	4/38.86	2/42.17	2/47.26	1/44.66	1/34.55
POLY-3 PERCENT (g)	10.3%	4.7%	4.2%	2.2%	2.9%
TERMINAL (d)	3/25 (12%)	1/33 (3%)	1/40 (3%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	577	708	708	729 (T)	699
STATISTICAL TESTS					
POLY 3	P=0.264N	P=0.299N	P=0.252N	P=0.139N	P=0.215N
POLY 1.5	P=0.262N	P=0.317N	P=0.282N	P=0.153N	P=0.231N
POLY 6	P=0.262N	P=0.278N	P=0.221N	P=0.124N	P=0.188N
RAO-SCOTT	P=0.256N	P=0.305N	P=0.264N	P=0.154N	P=0.214N
LITTER C-A/FISHERS	P=0.200N	P=0.334N	P=0.334N	P=0.174N	P=0.174N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Eye: Choroid Hyperplasia					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/38.35	0/42.09	0/47.18	1/44.66	0/34.43
POLY-3 PERCENT (g)	2.6%	0%	0%	2.2%	0%
TERMINAL (d)	1/25 (4%)	0/33 (0%)	0/40 (0%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Eye: Cornea					
Inflammation Acute					
LESION RATES					
OVERALL (a)	9/50 (18%)	4/49 (8%)	3/50 (6%)	3/50 (6%)	2/49 (4%)
LITTERS (b)	8/25 (32%)	4/25 (16%)	3/25 (12%)	3/25 (12%)	2/25 (8%)
POLY-3 RATE (c)	9/40.32	4/42.17	3/47.40	3/44.97	2/34.55
POLY-3 PERCENT (g)	22.3%	9.5%	6.3%	6.7%	5.8%
TERMINAL (d)	4/25 (16%)	3/33 (9%)	1/40 (3%)	1/35 (3%)	1/29 (3%)
FIRST INCIDENCE	476	708	694	657	699
STATISTICAL TESTS					
POLY 3	P=0.133N	P=0.095N	P=0.030N*	P=0.037N*	P=0.044N*
POLY 1.5	P=0.130N	P=0.105N	P=0.039N*	P=0.044N*	P=0.050N*
POLY 6	P=0.130N	P=0.085N	P=0.022N*	P=0.030N*	P=0.034N*
RAO-SCOTT	P=0.135N	P=0.117N	P=0.045N*	P=0.054N	P=0.058N
LITTER C-A/FISHERS	P=0.089N	P=0.160N	P=0.085N	P=0.085N	P=0.037N*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Eye: Iris Inflammation Acute					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/39.07	2/42.32	0/47.18	0/44.66	0/34.43
POLY-3 PERCENT (g)	2.6%	4.7%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	476	667	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.258N	P=0.528	P=0.463N	P=0.473N	P=0.525N
POLY 1.5	P=0.256N	P=0.514	P=0.476N	P=0.484N	P=0.533N
POLY 6	P=0.260N	P=0.546	P=0.447N	P=0.462N	P=0.510N
RAO-SCOTT	P=0.331N	P=0.580	P=0.585N	P=0.585N	P=0.579N
LITTER C-A/FISHERS	P=0.241N	P=0.500	P=0.500N	P=0.500N	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Eye: Retina					
Degeneration					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/49 (2%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/38.35	1/42.09	0/47.18	0/44.66	2/34.43
POLY-3 PERCENT (g)	2.6%	2.4%	0%	0%	5.8%
TERMINAL (d)	1/25 (4%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	2/29 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.194	P=0.740N	P=0.459N	P=0.470N	P=0.462
POLY 1.5	P=0.195	P=0.750N	P=0.474N	P=0.481N	P=0.446
POLY 6	P=0.194	P=0.727N	P=0.442N	P=0.457N	P=0.492
RAO-SCOTT	P=0.229	P=0.744N	P=0.552N	P=0.553N	P=0.489
LITTER C-A/FISHERS	P=0.232	P=0.755	P=0.500N	P=0.500N	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Heart					
Cardiomyopathy					
LESION RATES					
OVERALL (a)	27/50 (54%)	27/49 (55%)	26/50 (52%)	34/50 (68%)	21/49 (43%)
LITTERS (b)	17/25 (68%)	21/25 (84%)	19/25 (76%)	23/25 (92%)	15/25 (60%)
POLY-3 RATE (c)	27/43.27	27/44.34	26/48.86	34/48.36	21/38.87
POLY-3 PERCENT (g)	62.4%	60.9%	53.2%	70.3%	54%
TERMINAL (d)	14/25 (56%)	20/33 (61%)	20/40 (50%)	25/35 (71%)	14/29 (48%)
FIRST INCIDENCE	328	314	557	266	99
STATISTICAL TESTS					
POLY 3	P=0.376N	P=0.531N	P=0.246N	P=0.275	P=0.290N
POLY 1.5	P=0.391N	P=0.559N	P=0.329N	P=0.207	P=0.333N
POLY 6	P=0.325N	P=0.501N	P=0.173N	P=0.346	P=0.222N
RAO-SCOTT	P=0.355N	P=0.530N	P=0.268N	P=0.299	P=0.304N
LITTER C-A/FISHERS	P=0.089N	P=0.160	P=0.377	P=0.037*	P=0.384N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Heart					
Mineral					
LESION RATES					
OVERALL (a)	5/50 (10%)	1/49 (2%)	2/50 (4%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	4/25 (16%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	5/40.69	1/42.17	2/47.62	0/44.66	1/35.50
POLY-3 PERCENT (g)	12.3%	2.4%	4.2%	0%	2.8%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	476	708	645	---	99
STATISTICAL TESTS					
POLY 3	P=0.221N	P=0.092N	P=0.158N	P=0.023N*	P=0.135N
POLY 1.5	P=0.217N	P=0.097N	P=0.177N	P=0.026N*	P=0.141N
POLY 6	P=0.223N	P=0.087N	P=0.138N	P=0.021N*	P=0.120N
RAO-SCOTT	P=0.305N	P=0.195N	P=0.270N	P=0.093N	P=0.231N
LITTER C-A/FISHERS	P=0.293N	P=0.174N	P=0.174N	P=0.055N	P=0.174N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Heart Necrosis					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	0/50 (0%)	0/50 (0%)	3/49 (6%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/38.35	1/42.54	0/47.18	0/44.66	3/36.11
POLY-3 PERCENT (g)	0%	2.4%	0%	0%	8.3%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	---	595	---	---	226
STATISTICAL TESTS					
POLY 3	P=0.014*	P=0.521	(e)	(e)	P=0.107
POLY 1.5	P=0.014*	P=0.511	(e)	(e)	P=0.099
POLY 6	P=0.015*	P=0.533	(e)	(e)	P=0.123
RAO-SCOTT	P=0.039*	P=0.611	(e)	(e)	P=0.190
LITTER C-A/FISHERS	P=0.018*	P=0.500	(e)	(e)	P=0.117

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Heart					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	2/50 (4%)	2/49 (4%)	2/50 (4%)	2/50 (4%)	1/49 (2%)
LITTERS (b)	2/25 (8%)	2/25 (8%)	2/25 (8%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	2/38.35	2/42.54	2/47.18	2/44.66	1/34.50
POLY-3 PERCENT (g)	5.2%	4.7%	4.2%	4.5%	2.9%
TERMINAL (d)	2/25 (8%)	1/33 (3%)	2/40 (5%)	2/35 (6%)	1/29 (3%)
FIRST INCIDENCE	729 (T)	595	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.448N	P=0.656N	P=0.617N	P=0.638N	P=0.537N
POLY 1.5	P=0.449N	P=0.674N	P=0.646N	P=0.660N	P=0.552N
POLY 6	P=0.437N	P=0.633N	P=0.582N	P=0.612N	P=0.508N
RAO-SCOTT	P=0.415N	P=0.628N	P=0.594N	P=0.611N	P=0.486N
LITTER C-A/FISHERS	P=0.367N	P=0.695	P=0.695	P=0.695	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Heart: Artery					
Mineral					
LESION RATES					
OVERALL (a)	4/50 (8%)	2/49 (4%)	2/50 (4%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	4/25 (16%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	4/41.01	2/42.75	2/47.62	0/44.66	1/34.62
POLY-3 PERCENT (g)	9.8%	4.7%	4.2%	0%	2.9%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	328	546	645	---	699
STATISTICAL TESTS					
POLY 3	P=0.232N	P=0.317N	P=0.271N	P=0.050N*	P=0.233N
POLY 1.5	P=0.229N	P=0.329N	P=0.295N	P=0.054N	P=0.241N
POLY 6	P=0.234N	P=0.302N	P=0.244N	P=0.046N*	P=0.213N
RAO-SCOTT	P=0.281N	P=0.373N	P=0.336N	P=0.103N	P=0.281N
LITTER C-A/FISHERS	P=0.222N	P=0.334N	P=0.174N	P=0.055N	P=0.174N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Heart: Valve Fibrosis					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	1/50 (2%)	3/50 (6%)	11/49 (22%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	3/25 (12%)	9/25 (36%)
POLY-3 RATE (c)	0/38.35	2/42.42	1/47.18	3/45.27	11/36.79
POLY-3 PERCENT (g)	0%	4.7%	2.1%	6.6%	29.9%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	1/40 (3%)	2/35 (6%)	7/29 (24%)
FIRST INCIDENCE	---	638	729 (T)	534	295
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.260	P=0.541	P=0.151	P<0.001**
POLY 1.5	P<0.001**	P=0.249	P=0.526	P=0.138	P<0.001**
POLY 6	P<0.001**	P=0.275	P=0.558	P=0.167	P<0.001**
RAO-SCOTT	P<0.001**	P=0.344	P=0.616	P=0.232	P=0.004**
LITTER C-A/FISHERS	P<0.001**	P=0.245	P=0.500	P=0.117	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Heart: Valve					
Thrombus					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	6/49 (12%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	6/25 (24%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	6/36.08
POLY-3 PERCENT (g)	0%	0%	0%	0%	16.6%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	3/29 (10%)
FIRST INCIDENCE	---	---	---	---	295
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.012*
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.010**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.016*
RAO-SCOTT	P<0.001**	(e)	(e)	(e)	P=0.047*
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	(e)	P=0.011*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Intestine Large, Cecum Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	2/49 (4%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/37.97	0/42.09	0/47.18	0/44.66	0/33.50
POLY-3 PERCENT (g)	5.3%	0%	0%	0%	0%
TERMINAL (d)	2/25 (8%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/28 (0%)
FIRST INCIDENCE	729 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.367N	P=0.215N	P=0.192N	P=0.203N	P=0.265N
POLY 1.5	P=0.356N	P=0.223N	P=0.207N	P=0.214N	P=0.275N
POLY 6	P=0.384N	P=0.204N	P=0.177N	P=0.191N	P=0.247N
RAO-SCOTT	P=0.447N	P=0.365N	P=0.353N	P=0.358N	P=0.382N
LITTER C-A/FISHERS	P=0.335N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Intestine Large, Colon					
Parasite Metazoan					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	2/50 (4%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	1/47.18	2/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	2.1%	4.5%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	2/35 (6%)	0/29 (0%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.678N	(e)	P=0.541	P=0.273	(e)
POLY 1.5	P=0.684N	(e)	P=0.526	P=0.259	(e)
POLY 6	P=0.662N	(e)	P=0.558	P=0.289	(e)
RAO-SCOTT	P=0.647N	(e)	P=0.613	P=0.355	(e)
LITTER C-A/FISHERS	P=0.619N	(e)	P=0.500	P=0.245	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>					
Intestine Large, Colon					
Polyarteritis Nodosa					
<hr/>					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Intestine Large, Rectum Hyperplasia Lymphocyte					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/49 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/38.35	1/42.32	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	5.2%	2.4%	0%	0%	0%
TERMINAL (d)	2/25 (8%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	667	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.255N	P=0.466N	P=0.194N	P=0.205N	P=0.261N
POLY 1.5	P=0.248N	P=0.482N	P=0.210N	P=0.217N	P=0.272N
POLY 6	P=0.265N	P=0.445N	P=0.178N	P=0.192N	P=0.241N
RAO-SCOTT	P=0.323N	P=0.535N	P=0.323N	P=0.328N	P=0.351N
LITTER C-A/FISHERS	P=0.226N	P=0.500N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Intestine Large, Rectum					
Parasite Metazoan					
LESION RATES					
OVERALL (a)	4/50 (8%)	6/49 (12%)	9/50 (18%)	10/50 (20%)	7/49 (14%)
LITTERS (b)	4/25 (16%)	6/25 (24%)	9/25 (36%)	10/25 (40%)	7/25 (28%)
POLY-3 RATE (c)	4/39.15	6/42.09	9/47.38	10/45.05	7/34.50
POLY-3 PERCENT (g)	10.2%	14.3%	19%	22.2%	20.3%
TERMINAL (d)	1/25 (4%)	6/33 (18%)	8/40 (20%)	9/35 (26%)	7/29 (24%)
FIRST INCIDENCE	577	729 (T)	675	616	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.234	P=0.415	P=0.203	P=0.118	P=0.189
POLY 1.5	P=0.229	P=0.393	P=0.168	P=0.099	P=0.175
POLY 6	P=0.262	P=0.440	P=0.248	P=0.142	P=0.221
RAO-SCOTT	P=0.214	P=0.391	P=0.189	P=0.110	P=0.166
LITTER C-A/FISHERS	P=0.409	P=0.363	P=0.098	P=0.057	P=0.248

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Islets, Pancreatic Hyperplasia					
LESION RATES					
OVERALL (a)	4/50 (8%)	4/49 (8%)	7/50 (14%)	3/50 (6%)	1/49 (2%)
LITTERS (b)	4/25 (16%)	4/25 (16%)	7/25 (28%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	4/39.13	4/43.01	7/47.18	3/44.66	1/34.50
POLY-3 PERCENT (g)	10.2%	9.3%	14.8%	6.7%	2.9%
TERMINAL (d)	2/25 (8%)	2/33 (6%)	7/40 (18%)	3/35 (9%)	1/29 (3%)
FIRST INCIDENCE	593	542	729 (T)	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.106N	P=0.591N	P=0.377	P=0.428N	P=0.218N
POLY 1.5	P=0.109N	P=0.615N	P=0.334	P=0.455N	P=0.230N
POLY 6	P=0.097N	P=0.561N	P=0.427	P=0.401N	P=0.195N
RAO-SCOTT	P=0.096N	P=0.572N	P=0.368	P=0.412N	P=0.196N
LITTER C-A/FISHERS	P=0.057N	P=0.649	P=0.248	P=0.500N	P=0.174N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney Infarct					
LESION RATES					
OVERALL (a)	2/50 (4%)	10/49 (20%)	9/50 (18%)	7/50 (14%)	17/49 (35%)
LITTERS (b)	2/25 (8%)	9/25 (36%)	9/25 (36%)	6/25 (24%)	13/25 (52%)
POLY-3 RATE (c)	2/38.48	10/44.00	9/47.38	7/45.14	17/35.15
POLY-3 PERCENT (g)	5.2%	22.7%	19%	15.5%	48.4%
TERMINAL (d)	1/25 (4%)	7/33 (21%)	8/40 (20%)	5/35 (14%)	13/29 (45%)
FIRST INCIDENCE	696	359	675	616	645
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.024*	P=0.057	P=0.123	P<0.001**
POLY 1.5	P<0.001**	P=0.019*	P=0.043*	P=0.104	P<0.001**
POLY 6	P<0.001**	P=0.032*	P=0.078	P=0.147	P<0.001**
RAO-SCOTT	P<0.001**	P=0.037*	P=0.074	P=0.141	P<0.001**
LITTER C-A/FISHERS	P=0.010**	P=0.019*	P=0.019*	P=0.123	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney Mineral					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	3/49 (6%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	1/39.26	2/42.75	0/47.18	0/44.66	3/36.61
POLY-3 PERCENT (g)	2.6%	4.7%	0%	0%	8.2%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	328	546	---	---	3
STATISTICAL TESTS					
POLY 3	P=0.109	P=0.530	P=0.464N	P=0.474N	P=0.280
POLY 1.5	P=0.110	P=0.514	P=0.477N	P=0.485N	P=0.266
POLY 6	P=0.111	P=0.550	P=0.447N	P=0.462N	P=0.309
RAO-SCOTT	P=0.150	P=0.568	P=0.557N	P=0.557N	P=0.337
LITTER C-A/FISHERS	P=0.132	P=0.500	P=0.500N	P=0.500N	P=0.305

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney					
Nephropathy Chronic Progressive					
LESION RATES					
OVERALL (a)	49/50 (98%)	49/49 (100%)	49/50 (98%)	50/50 (100%)	41/49 (84%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	22/25 (88%)
POLY-3 RATE (c)	49/49.03	49/49.00	49/49.35	50/50.00	41/41.86
POLY-3 PERCENT (g)	99.9%	100%	99.3%	100%	98%
TERMINAL (d)	25/25 (100%)	33/33 (100%)	40/40 (100%)	35/35 (100%)	29/29 (100%)
FIRST INCIDENCE	328	314	557	266	167
STATISTICAL TESTS					
POLY 3	P=0.242N	P=1.000	P=0.975N	P=1.000	P=0.553N
POLY 1.5	P=0.171N	P=1.000	P=0.829N	P=1.000	P=0.446N
POLY 6	P=0.333N	P=1.000	P=1.000N	P=1.000	P=0.700N
RAO-SCOTT	P=0.367N	P=1.000	P=0.926N	P=1.000	P=0.628N
LITTER C-A/FISHERS	P=0.002N**	P=1.000	P=1.000	P=1.000	P=0.117N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Artery					
Mineral					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	3/39.88	0/42.09	0/47.18	0/44.66	1/34.50
POLY-3 PERCENT (g)	7.5%	0%	0%	0%	2.9%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	547	---	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.654N	P=0.109N	P=0.092N	P=0.099N	P=0.358N
POLY 1.5	P=0.644N	P=0.113N	P=0.101N	P=0.106N	P=0.368N
POLY 6	P=0.665N	P=0.104N	P=0.083N	P=0.093N	P=0.336N
RAO-SCOTT	P=0.657N	P=0.208N	P=0.193N	P=0.200N	P=0.418N
LITTER C-A/FISHERS	P=0.611N	P=0.117N	P=0.117N	P=0.117N	P=0.305N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Papilla Edema					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	39/49 (80%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	21/25 (84%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	39/41.74
POLY-3 PERCENT (g)	0%	0%	0%	0%	93.4%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	28/29 (97%)
FIRST INCIDENCE	---	---	---	---	99
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**
RAO-SCOTT	P<0.001**	(e)	(e)	(e)	P<0.001**
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	(e)	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Papilla Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	0/50 (0%)	2/50 (4%)	12/49 (24%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	2/25 (8%)	11/25 (44%)
POLY-3 RATE (c)	0/38.35	1/42.09	0/47.18	2/44.89	12/35.25
POLY-3 PERCENT (g)	0%	2.4%	0%	4.5%	34%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	0/40 (0%)	1/35 (3%)	10/29 (35%)
FIRST INCIDENCE	---	729 (T)	---	669	520
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.519	(e)	P=0.274	P<0.001**
POLY 1.5	P<0.001**	P=0.510	(e)	P=0.259	P<0.001**
POLY 6	P<0.001**	P=0.529	(e)	P=0.291	P<0.001**
RAO-SCOTT	P<0.001**	P=0.560	(e)	P=0.337	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.500	(e)	P=0.245	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Papilla, Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	9/50 (18%)	4/49 (8%)	4/50 (8%)	3/50 (6%)	17/49 (35%)
LITTERS (b)	7/25 (28%)	4/25 (16%)	3/25 (12%)	2/25 (8%)	12/25 (48%)
POLY-3 RATE (c)	9/40.64	4/42.50	4/48.18	3/44.87	17/36.32
POLY-3 PERCENT (g)	22.1%	9.4%	8.3%	6.7%	46.8%
TERMINAL (d)	3/25 (12%)	2/33 (6%)	1/40 (3%)	2/35 (6%)	14/29 (48%)
FIRST INCIDENCE	540	638	557	674	226
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.096N	P=0.061N	P=0.038N*	P=0.018*
POLY 1.5	P<0.001**	P=0.105N	P=0.078N	P=0.045N*	P=0.015*
POLY 6	P<0.001**	P=0.086N	P=0.047N*	P=0.033N*	P=0.025*
RAO-SCOTT	P<0.001**	P=0.144N	P=0.105N	P=0.075N	P=0.042*
LITTER C-A/FISHERS	P=0.004**	P=0.248N	P=0.145N	P=0.069N	P=0.122

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Pelvis Dilation					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	2/50 (4%)	3/49 (6%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	2/25 (8%)
POLY-3 RATE (c)	1/39.25	0/42.09	0/47.18	2/44.72	3/36.50
POLY-3 PERCENT (g)	2.6%	0%	0%	4.5%	8.2%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	1/35 (3%)	1/29 (3%)
FIRST INCIDENCE	336	---	---	713	5
STATISTICAL TESTS					
POLY 3	P=0.028*	P=0.486N	P=0.464N	P=0.545	P=0.278
POLY 1.5	P=0.028*	P=0.493N	P=0.477N	P=0.527	P=0.265
POLY 6	P=0.029*	P=0.476N	P=0.447N	P=0.567	P=0.306
RAO-SCOTT	P=0.092	P=0.634N	P=0.634N	P=0.622	P=0.387
LITTER C-A/FISHERS	P=0.157	P=0.500N	P=0.500N	P=0.500	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Renal Tubule Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	2/42.68	2/47.83	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	4.7%	4.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	577	512	---	---
STATISTICAL TESTS					
POLY 3	P=0.238N	P=0.262	P=0.290	(e)	(e)
POLY 1.5	P=0.247N	P=0.250	P=0.269	(e)	(e)
POLY 6	P=0.225N	P=0.277	P=0.314	(e)	(e)
RAO-SCOTT	P=0.308N	P=0.343	P=0.377	(e)	(e)
LITTER C-A/FISHERS	P=0.233N	P=0.245	P=0.245	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Renal Tubule Cyst					
LESION RATES					
OVERALL (a)	9/50 (18%)	2/49 (4%)	4/50 (8%)	7/50 (14%)	5/49 (10%)
LITTERS (b)	8/25 (32%)	2/25 (8%)	4/25 (16%)	7/25 (28%)	5/25 (20%)
POLY-3 RATE (c)	9/39.08	2/42.17	4/48.27	7/45.18	5/34.51
POLY-3 PERCENT (g)	23%	4.7%	8.3%	15.5%	14.5%
TERMINAL (d)	5/25 (20%)	1/33 (3%)	1/40 (3%)	5/35 (14%)	4/29 (14%)
FIRST INCIDENCE	597	708	557	645	727
STATISTICAL TESTS					
POLY 3	P=0.411	P=0.016N*	P=0.052N	P=0.275N	P=0.263N
POLY 1.5	P=0.422	P=0.020N*	P=0.071N	P=0.318N	P=0.289N
POLY 6	P=0.416	P=0.013N*	P=0.036N*	P=0.231N	P=0.218N
RAO-SCOTT	P=0.435	P=0.025N*	P=0.065N	P=0.285N	P=0.264N
LITTER C-A/FISHERS	P=0.553	P=0.037N*	P=0.160N	P=0.500N	P=0.260N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Kidney: Renal Tubule Dilation					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	2/45.69	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	4.4%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	450	---
STATISTICAL TESTS					
POLY 3	P=0.635	(e)	(e)	P=0.278	(e)
POLY 1.5	P=0.634	(e)	(e)	P=0.262	(e)
POLY 6	P=0.652	(e)	(e)	P=0.297	(e)
RAO-SCOTT	P=0.696	(e)	(e)	P=0.405	(e)
LITTER C-A/FISHERS	P=0.731	(e)	(e)	P=0.245	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Angiectasis					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	1/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	2.2%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	729 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Di(2-ethylhexyl) Phthalate
 CAS Number: 117-81-7

Date Report Requested: 06/02/2020
 Time Report Requested: 17:09:53
 First Dose M/F: 06/27/11 / 06/28/11
 Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Basophilic Focus					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/49 (2%)	4/50 (8%)	4/50 (8%)	17/49 (35%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	4/25 (16%)	4/25 (16%)	12/25 (48%)
POLY-3 RATE (c)	1/38.44	1/42.42	4/47.18	4/45.01	17/34.98
POLY-3 PERCENT (g)	2.6%	2.4%	8.5%	8.9%	48.6%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	4/40 (10%)	2/35 (6%)	13/29 (45%)
FIRST INCIDENCE	708	638	729 (T)	645	645
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.738N	P=0.248	P=0.230	P<0.001**
POLY 1.5	P<0.001**	P=0.749N	P=0.221	P=0.209	P<0.001**
POLY 6	P<0.001**	P=0.725N	P=0.280	P=0.256	P<0.001**
RAO-SCOTT	P<0.001**	P=0.728N	P=0.289	P=0.271	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.755	P=0.174	P=0.174	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Clear Cell Focus					
LESION RATES					
OVERALL (a)	24/50 (48%)	31/49 (63%)	32/50 (64%)	36/50 (72%)	28/49 (57%)
LITTERS (b)	18/25 (72%)	22/25 (88%)	22/25 (88%)	23/25 (92%)	21/25 (84%)
POLY-3 RATE (c)	24/39.59	31/42.09	32/47.26	36/45.57	28/34.72
POLY-3 PERCENT (g)	60.6%	73.7%	67.7%	79%	80.7%
TERMINAL (d)	21/25 (84%)	31/33 (94%)	31/40 (78%)	34/35 (97%)	26/29 (90%)
FIRST INCIDENCE	577	729 (T)	708	534	673
STATISTICAL TESTS					
POLY 3	P=0.060	P=0.132	P=0.315	P=0.038*	P=0.037*
POLY 1.5	P=0.068	P=0.115	P=0.198	P=0.023*	P=0.033*
POLY 6	P=0.085	P=0.155	P=0.481	P=0.064	P=0.073
RAO-SCOTT	P=0.068	P=0.153	P=0.318	P=0.054	P=0.050*
LITTER C-A/FISHERS	P=0.475	P=0.145	P=0.145	P=0.069	P=0.248

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Degeneration Cystic					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/49 (2%)	1/50 (2%)	1/50 (2%)	2/49 (4%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	1/25 (4%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	1/38.35	1/42.09	1/47.18	1/45.01	2/34.50
POLY-3 PERCENT (g)	2.6%	2.4%	2.1%	2.2%	5.8%
TERMINAL (d)	1/25 (4%)	1/33 (3%)	1/40 (3%)	0/35 (0%)	2/29 (7%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	632	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.279	P=0.740N	P=0.712N	P=0.724N	P=0.463
POLY 1.5	P=0.278	P=0.750N	P=0.731N	P=0.738N	P=0.448
POLY 6	P=0.288	P=0.727N	P=0.690N	P=0.706N	P=0.492
RAO-SCOTT	P=0.264	P=0.717N	P=0.699N	P=0.706N	P=0.439
LITTER C-A/FISHERS	P=0.341	P=0.755	P=0.755	P=0.755	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Eosinophilic Focus					
LESION RATES					
OVERALL (a)	4/50 (8%)	1/49 (2%)	7/50 (14%)	2/50 (4%)	11/49 (22%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	7/25 (28%)	2/25 (8%)	9/25 (36%)
POLY-3 RATE (c)	4/38.44	1/42.79	7/47.81	2/44.66	11/34.85
POLY-3 PERCENT (g)	10.4%	2.3%	14.6%	4.5%	31.6%
TERMINAL (d)	3/25 (12%)	0/33 (0%)	4/40 (10%)	2/35 (6%)	9/29 (31%)
FIRST INCIDENCE	708	486	645	729 (T)	645
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.147N	P=0.399	P=0.270N	P=0.023*
POLY 1.5	P<0.001**	P=0.161N	P=0.344	P=0.295N	P=0.019*
POLY 6	P<0.001**	P=0.131N	P=0.465	P=0.244N	P=0.035*
RAO-SCOTT	P=0.003**	P=0.210N	P=0.437	P=0.327N	P=0.054
LITTER C-A/FISHERS	P=0.005**	P=0.500N	P=0.069	P=0.695	P=0.019*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Extramedullary Hematopoiesis					
LESION RATES					
OVERALL (a)	0/50 (0%)	4/49 (8%)	3/50 (6%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	4/25 (16%)	2/25 (8%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	4/43.72	3/47.18	1/44.89	0/34.50
POLY-3 PERCENT (g)	0%	9.2%	6.4%	2.2%	0%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	3/40 (8%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	359	729 (T)	669	---
STATISTICAL TESTS					
POLY 3	P=0.136N	P=0.078	P=0.161	P=0.531	(e)
POLY 1.5	P=0.144N	P=0.070	P=0.144	P=0.519	(e)
POLY 6	P=0.122N	P=0.090	P=0.181	P=0.545	(e)
RAO-SCOTT	P=0.209N	P=0.157	P=0.257	P=0.616	(e)
LITTER C-A/FISHERS	P=0.140N	P=0.055	P=0.245	P=0.500	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Hepatodiaphragmatic Nodule					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	1/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	2.1%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Mixed Cell Focus					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	1/50 (2%)	3/50 (6%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	1/25 (4%)	3/25 (12%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	1/42.09	1/47.18	3/44.66	0/34.50
POLY-3 PERCENT (g)	0%	2.4%	2.1%	6.7%	0%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	1/40 (3%)	3/35 (9%)	0/29 (0%)
FIRST INCIDENCE	---	729 (T)	729 (T)	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.560N	P=0.519	P=0.541	P=0.148	(e)
POLY 1.5	P=0.566N	P=0.510	P=0.526	P=0.136	(e)
POLY 6	P=0.538N	P=0.529	P=0.558	P=0.163	(e)
RAO-SCOTT	P=0.519N	P=0.536	P=0.569	P=0.190	(e)
LITTER C-A/FISHERS	P=0.476N	P=0.500	P=0.500	P=0.117	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver					
Necrosis					
LESION RATES					
OVERALL (a)	3/50 (6%)	4/49 (8%)	1/50 (2%)	6/50 (12%)	13/49 (27%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	1/25 (4%)	5/25 (20%)	11/25 (44%)
POLY-3 RATE (c)	3/39.35	4/43.60	1/47.18	6/45.69	13/38.98
POLY-3 PERCENT (g)	7.6%	9.2%	2.1%	13.1%	33.4%
TERMINAL (d)	1/25 (4%)	2/33 (6%)	1/40 (3%)	4/35 (11%)	8/29 (28%)
FIRST INCIDENCE	577	314	729 (T)	450	167
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.556	P=0.244N	P=0.321	P=0.004**
POLY 1.5	P<0.001**	P=0.532	P=0.265N	P=0.290	P=0.003**
POLY 6	P<0.001**	P=0.581	P=0.222N	P=0.354	P=0.007**
RAO-SCOTT	P<0.001**	P=0.559	P=0.281N	P=0.347	P=0.012*
LITTER C-A/FISHERS	P<0.001**	P=0.500	P=0.305N	P=0.351	P=0.013*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver Pigment					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	5/50 (10%)	40/50 (80%)	38/49 (78%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	5/25 (20%)	24/25 (96%)	22/25 (88%)
POLY-3 RATE (c)	0/38.35	1/42.09	5/47.18	40/46.03	38/38.36
POLY-3 PERCENT (g)	0%	2.4%	10.6%	86.9%	99.1%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	5/40 (13%)	34/35 (97%)	29/29 (100%)
FIRST INCIDENCE	---	729 (T)	729 (T)	628	226
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.519	P=0.053	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.510	P=0.043*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.529	P=0.065	P<0.001**	P<0.001**
RAO-SCOTT	P<0.001**	P=0.442	P=0.046*	P<0.001**	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.500	P=0.025*	P<0.001**	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver: Bile Duct Cyst					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver: Bile Duct Dilation					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	1/50 (2%)	1/50 (2%)	1/49 (2%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	1/38.35	0/42.09	1/47.18	1/44.66	1/34.81
POLY-3 PERCENT (g)	2.6%	0%	2.1%	2.2%	2.9%
TERMINAL (d)	1/25 (4%)	0/33 (0%)	1/40 (3%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	---	729 (T)	729 (T)	645
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver: Bile Duct Hyperplasia					
LESION RATES					
OVERALL (a)	13/50 (26%)	18/49 (37%)	13/50 (26%)	21/50 (42%)	15/49 (31%)
LITTERS (b)	11/25 (44%)	15/25 (60%)	9/25 (36%)	16/25 (64%)	13/25 (52%)
POLY-3 RATE (c)	13/38.78	18/43.35	13/47.18	21/45.57	15/35.92
POLY-3 PERCENT (g)	33.5%	41.5%	27.6%	46.1%	41.8%
TERMINAL (d)	10/25 (40%)	15/33 (46%)	13/40 (33%)	18/35 (51%)	12/29 (41%)
FIRST INCIDENCE	642	546	729 (T)	616	99
STATISTICAL TESTS					
POLY 3	P=0.238	P=0.300	P=0.359N	P=0.167	P=0.308
POLY 1.5	P=0.231	P=0.244	P=0.444N	P=0.119	P=0.260
POLY 6	P=0.283	P=0.379	P=0.272N	P=0.240	P=0.411
RAO-SCOTT	P=0.253	P=0.309	P=0.364N	P=0.184	P=0.310
LITTER C-A/FISHERS	P=0.406	P=0.198	P=0.387N	P=0.128	P=0.389

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver: Hepatocyte Cytoplasmic Alteration					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	1/50 (2%)	28/50 (56%)	37/49 (76%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	19/25 (76%)	22/25 (88%)
POLY-3 RATE (c)	0/38.35	0/42.09	1/47.18	28/47.68	37/38.45
POLY-3 PERCENT (g)	0%	0%	2.1%	58.7%	96.2%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	20/35 (57%)	28/29 (97%)
FIRST INCIDENCE	---	---	729 (T)	266	228
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	P=0.541	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.526	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.558	P<0.001**	P<0.001**
RAO-SCOTT	P<0.001**	(e)	P=0.497	P<0.001**	P<0.001**
LITTER C-A/FISHERS	P<0.001**	(e)	P=0.500	P<0.001**	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Liver: Hepatocyte Hypertrophy					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	3/50 (6%)	17/49 (35%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)	12/25 (48%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	3/44.66	17/36.83
POLY-3 PERCENT (g)	0%	0%	0%	6.7%	46.2%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	3/35 (9%)	13/29 (45%)
FIRST INCIDENCE	---	---	---	729 (T)	228
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	P=0.148	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.136	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.163	P<0.001**
RAO-SCOTT	P<0.001**	(e)	(e)	P=0.266	P<0.001**
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	P=0.117	P<0.001**

Experiment Number: 10188 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Di(2-ethylhexyl) Phthalate
 CAS Number: 117-81-7

Date Report Requested: 06/02/2020
 Time Report Requested: 17:09:53
 First Dose M/F: 06/27/11 / 06/28/11
 Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung					
Infiltration Cellular Histiocyte					
LESION RATES					
OVERALL (a)	34/50 (68%)	30/49 (61%)	33/50 (66%)	32/50 (64%)	32/49 (65%)
LITTERS (b)	19/25 (76%)	19/25 (76%)	21/25 (84%)	21/25 (84%)	22/25 (88%)
POLY-3 RATE (c)	34/46.94	30/45.93	33/49.24	32/48.55	32/39.02
POLY-3 PERCENT (g)	72.4%	65.3%	67%	65.9%	82%
TERMINAL (d)	16/25 (64%)	21/33 (64%)	27/40 (68%)	21/35 (60%)	23/29 (79%)
FIRST INCIDENCE	227	359	512	266	295
STATISTICAL TESTS					
POLY 3	P=0.090	P=0.298N	P=0.359N	P=0.317N	P=0.210
POLY 1.5	P=0.089	P=0.309N	P=0.415N	P=0.359N	P=0.197
POLY 6	P=0.112	P=0.282N	P=0.299N	P=0.265N	P=0.273
RAO-SCOTT	P=0.102	P=0.336N	P=0.391N	P=0.353N	P=0.247
LITTER C-A/FISHERS	P=0.184	P=0.629	P=0.363	P=0.363	P=0.232

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung Inflammation Acute					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/49 (4%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/38.48	2/42.17	0/47.18	1/45.61	0/34.50
POLY-3 PERCENT (g)	2.6%	4.7%	0%	2.2%	0%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	696	708	---	266	---
STATISTICAL TESTS					
POLY 3	P=0.321N	P=0.532	P=0.460N	P=0.721N	P=0.522N
POLY 1.5	P=0.320N	P=0.517	P=0.475N	P=0.736N	P=0.530N
POLY 6	P=0.319N	P=0.550	P=0.443N	P=0.705N	P=0.506N
RAO-SCOTT	P=0.330N	P=0.550	P=0.517N	P=0.723N	P=0.521N
LITTER C-A/FISHERS	P=0.277N	P=0.500	P=0.500N	P=0.755	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	7/50 (14%)	1/49 (2%)	3/50 (6%)	2/50 (4%)	4/49 (8%)
LITTERS (b)	6/25 (24%)	1/25 (4%)	2/25 (8%)	2/25 (8%)	3/25 (12%)
POLY-3 RATE (c)	7/39.14	1/42.09	3/47.18	2/44.66	4/35.43
POLY-3 PERCENT (g)	17.9%	2.4%	6.4%	4.5%	11.3%
TERMINAL (d)	5/25 (20%)	1/33 (3%)	3/40 (8%)	2/35 (6%)	2/29 (7%)
FIRST INCIDENCE	530	729 (T)	729 (T)	729 (T)	413
STATISTICAL TESTS					
POLY 3	P=0.459	P=0.022N*	P=0.092N	P=0.050N*	P=0.318N
POLY 1.5	P=0.463	P=0.026N*	P=0.114N	P=0.060N	P=0.347N
POLY 6	P=0.466	P=0.018N*	P=0.072N	P=0.041N*	P=0.268N
RAO-SCOTT	P=0.482	P=0.066N	P=0.162N	P=0.110N	P=0.366N
LITTER C-A/FISHERS	P=0.553N	P=0.049N*	P=0.123N	P=0.123N	P=0.232N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung					
Inflammation Granulomatous					
LESION RATES					
OVERALL (a)	4/50 (8%)	8/49 (16%)	9/50 (18%)	10/50 (20%)	9/49 (18%)
LITTERS (b)	3/25 (12%)	7/25 (28%)	8/25 (32%)	7/25 (28%)	7/25 (28%)
POLY-3 RATE (c)	4/39.21	8/42.34	9/47.18	10/45.42	9/34.51
POLY-3 PERCENT (g)	10.2%	18.9%	19.1%	22%	26.1%
TERMINAL (d)	2/25 (8%)	7/33 (21%)	9/40 (23%)	9/35 (26%)	8/29 (28%)
FIRST INCIDENCE	540	663	729 (T)	450	727
STATISTICAL TESTS					
POLY 3	P=0.123	P=0.213	P=0.200	P=0.121	P=0.067
POLY 1.5	P=0.120	P=0.195	P=0.166	P=0.101	P=0.061
POLY 6	P=0.141	P=0.237	P=0.242	P=0.145	P=0.085
RAO-SCOTT	P=0.133	P=0.243	P=0.231	P=0.153	P=0.091
LITTER C-A/FISHERS	P=0.369	P=0.145	P=0.085	P=0.145	P=0.145

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung					
Mineral					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/49 (2%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/38.89	1/42.17	1/47.49	0/44.66	0/34.50
POLY-3 PERCENT (g)	5.1%	2.4%	2.1%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	597	708	645	---	---
STATISTICAL TESTS					
POLY 3	P=0.208N	P=0.472N	P=0.431N	P=0.208N	P=0.264N
POLY 1.5	P=0.206N	P=0.485N	P=0.456N	P=0.218N	P=0.273N
POLY 6	P=0.210N	P=0.456N	P=0.404N	P=0.197N	P=0.247N
RAO-SCOTT	P=0.240N	P=0.503N	P=0.476N	P=0.274N	P=0.301N
LITTER C-A/FISHERS	P=0.182N	P=0.500N	P=0.500N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung Thrombus					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	1/42.54	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	2.4%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	595	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung: Alveolar Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/49 (2%)	5/50 (10%)	4/50 (8%)	3/49 (6%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	5/25 (20%)	4/25 (16%)	3/25 (12%)
POLY-3 RATE (c)	0/38.35	1/42.09	5/47.38	4/44.66	3/34.50
POLY-3 PERCENT (g)	0%	2.4%	10.6%	9%	8.7%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	3/40 (8%)	4/35 (11%)	3/29 (10%)
FIRST INCIDENCE	---	729 (T)	698	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.217	P=0.519	P=0.053	P=0.082	P=0.100
POLY 1.5	P=0.206	P=0.510	P=0.044*	P=0.073	P=0.094
POLY 6	P=0.244	P=0.529	P=0.067	P=0.093	P=0.113
RAO-SCOTT	P=0.215	P=0.509	P=0.073	P=0.103	P=0.111
LITTER C-A/FISHERS	P=0.301	P=0.500	P=0.025*	P=0.055	P=0.117

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lung: Artery					
Mineral					
LESION RATES					
OVERALL (a)	4/50 (8%)	1/49 (2%)	2/50 (4%)	1/50 (2%)	1/49 (2%)
LITTERS (b)	4/25 (16%)	1/25 (4%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	4/40.84	1/42.17	2/47.62	1/44.66	1/35.50
POLY-3 PERCENT (g)	9.8%	2.4%	4.2%	2.2%	2.8%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	328	708	645	729 (T)	99
STATISTICAL TESTS					
POLY 3	P=0.323N	P=0.168N	P=0.270N	P=0.152N	P=0.223N
POLY 1.5	P=0.320N	P=0.175N	P=0.294N	P=0.162N	P=0.231N
POLY 6	P=0.322N	P=0.160N	P=0.243N	P=0.142N	P=0.204N
RAO-SCOTT	P=0.350N	P=0.229N	P=0.329N	P=0.214N	P=0.268N
LITTER C-A/FISHERS	P=0.309N	P=0.174N	P=0.174N	P=0.174N	P=0.174N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lymph Node, Mandibular Atrophy					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/47 (2%)	1/49 (2%)	0/50 (0%)	5/49 (10%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	4/25 (16%)
POLY-3 RATE (c)	1/38.93	1/41.90	1/46.49	0/44.66	5/39.50
POLY-3 PERCENT (g)	2.6%	2.4%	2.2%	0%	12.7%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/39 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	547	546	645	---	3
STATISTICAL TESTS					
POLY 3	P=0.006**	P=0.744N	P=0.719N	P=0.473N	P=0.103
POLY 1.5	P=0.006**	P=0.756N	P=0.737N	P=0.483N	P=0.094
POLY 6	P=0.006**	P=0.730N	P=0.698N	P=0.461N	P=0.122
RAO-SCOTT	P=0.031*	P=0.767N	P=0.755N	P=0.599N	P=0.194
LITTER C-A/FISHERS	P=0.031*	P=0.755	P=0.755	P=0.500N	P=0.174

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lymph Node, Mesenteric Atrophy					
LESION RATES					
OVERALL (a)	3/49 (6%)	2/49 (4%)	1/49 (2%)	0/50 (0%)	6/48 (13%)
LITTERS (b)	3/25 (12%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	5/25 (20%)
POLY-3 RATE (c)	3/39.31	2/43.05	1/46.62	0/44.66	6/38.62
POLY-3 PERCENT (g)	7.6%	4.7%	2.1%	0%	15.5%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	328	359	645	---	3
STATISTICAL TESTS					
POLY 3	P=0.019*	P=0.459N	P=0.247N	P=0.097N	P=0.230
POLY 1.5	P=0.020*	P=0.474N	P=0.268N	P=0.104N	P=0.215
POLY 6	P=0.019*	P=0.440N	P=0.224N	P=0.090N	P=0.265
RAO-SCOTT	P=0.048*	P=0.505N	P=0.332N	P=0.178N	P=0.295
LITTER C-A/FISHERS	P=0.079	P=0.500N	P=0.305N	P=0.117N	P=0.351

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Lymph Node: Lumbar Infiltration Cellular Plasma Cell					
LESION RATES					
OVERALL (a)	1/2 (50%)	0/1 (0%)	0/6 (0%)	0/1 (0%)	0/1 (0%)
LITTERS (b)	1/1 (100%)	0/1 (0%)	0/5 (0%)	0/1 (0%)	0/1 (0%)
POLY-3 RATE (c)	1/1.21	0/0.77	0/5.69	0/0.39	0/1.00
POLY-3 PERCENT (g)	82.4%	0%	0%	0%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	0/4 (0%)	0/0 (0%)	0/1 (0%)
FIRST INCIDENCE	729 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Mammary Gland					
Galactocele					
<hr/>					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/48 (0%)	1/50 (2%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/37.35	0/41.68	1/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	2.1%	0%	0%
TERMINAL (d)	0/24 (0%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Mammary Gland Hyperplasia					
LESION RATES					
OVERALL (a)	1/49 (2%)	0/48 (0%)	0/50 (0%)	1/50 (2%)	0/48 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/37.35	0/41.68	0/47.18	1/44.66	0/34.50
POLY-3 PERCENT (g)	2.7%	0%	0%	2.2%	0%
TERMINAL (d)	1/24 (4%)	0/33 (0%)	0/40 (0%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Mesentery					
Polyarteritis Nodosa					
<hr/>					
LESION RATES					
OVERALL (a)	1/4 (25%)	0/2 (0%)	0/2 (0%)	0/1 (0%)	0/1 (0%)
LITTERS (b)	1/4 (25%)	0/2 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)
POLY-3 RATE (c)	1/2.96	0/1.34	0/1.56	0/1.00	0/0.00
POLY-3 PERCENT (g)	33.8%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)
FIRST INCIDENCE	723	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Mesentery: Artery					
Mineral					
LESION RATES					
OVERALL (a)	3/4 (75%)	1/2 (50%)	2/2 (100%)	1/1 (100%)	1/1 (100%)
LITTERS (b)	3/4 (75%)	1/2 (50%)	1/1 (100%)	1/1 (100%)	1/1 (100%)
POLY-3 RATE (c)	3/3.98	1/1.42	2/2.00	1/1.00	1/1.00
POLY-3 PERCENT (g)	75.5%	70.4%	100%	100%	100%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	579	708	645	729 (T)	99
STATISTICAL TESTS					
POLY 3	P=0.646	P=0.792N	P=0.638	P=0.756	P=0.756
POLY 1.5	P=0.610	P=0.714N	P=0.634	P=0.752	P=0.752
POLY 6	P=0.685	P=0.791	P=0.646	P=0.763	P=0.763
RAO-SCOTT	P=0.753	P=0.817N	P=0.764	P=0.880	P=0.880
LITTER C-A/FISHERS	P=0.557	P=0.600N	P=0.800	P=0.800	P=0.800

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Nose Inflammation					
LESION RATES					
OVERALL (a)	4/50 (8%)	6/49 (12%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	4/25 (16%)	6/25 (24%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	4/39.89	6/42.62	0/47.18	0/44.66	2/35.34
POLY-3 PERCENT (g)	10%	14.1%	0%	0%	5.7%
TERMINAL (d)	1/25 (4%)	3/33 (9%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	328	667	---	---	395
STATISTICAL TESTS					
POLY 3	P=0.280N	P=0.411	P=0.042N*	P=0.047N*	P=0.394N
POLY 1.5	P=0.277N	P=0.388	P=0.048N*	P=0.052N	P=0.412N
POLY 6	P=0.281N	P=0.443	P=0.036N*	P=0.042N*	P=0.359N
RAO-SCOTT	P=0.321N	P=0.435	P=0.078N	P=0.084N	P=0.406N
LITTER C-A/FISHERS	P=0.231N	P=0.363	P=0.055N	P=0.055N	P=0.334N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Nose					
Inflammation Acute					
LESION RATES					
OVERALL (a)	7/50 (14%)	0/49 (0%)	10/50 (20%)	4/50 (8%)	5/50 (10%)
LITTERS (b)	7/25 (28%)	0/25 (0%)	9/25 (36%)	3/25 (12%)	5/25 (20%)
POLY-3 RATE (c)	7/39.67	0/42.09	10/47.32	4/46.27	5/34.62
POLY-3 PERCENT (g)	17.6%	0%	21.1%	8.7%	14.4%
TERMINAL (d)	4/25 (16%)	0/33 (0%)	9/40 (23%)	1/35 (3%)	4/29 (14%)
FIRST INCIDENCE	476	---	694	266	699
STATISTICAL TESTS					
POLY 3	P=0.488	P=0.005N**	P=0.446	P=0.179N	P=0.477N
POLY 1.5	P=0.481	P=0.006N**	P=0.389	P=0.207N	P=0.500N
POLY 6	P=0.515	P=0.005N**	P=0.513	P=0.151N	P=0.426N
RAO-SCOTT	P=0.461	P=0.011N*	P=0.450	P=0.197N	P=0.463N
LITTER C-A/FISHERS	P=0.569N	P=0.005N**	P=0.381	P=0.145N	P=0.371N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Nose					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	2/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	4.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	2/40 (5%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.474N	(e)	P=0.286	(e)	(e)
POLY 1.5	P=0.487N	(e)	P=0.267	(e)	(e)
POLY 6	P=0.457N	(e)	P=0.309	(e)	(e)
RAO-SCOTT	P=0.541N	(e)	P=0.407	(e)	(e)
LITTER C-A/FISHERS	P=0.483N	(e)	P=0.245	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	33/50 (66%)	38/49 (78%)	38/50 (76%)	44/50 (88%)	33/50 (66%)
LITTERS (b)	23/25 (92%)	24/25 (96%)	23/25 (92%)	25/25 (100%)	21/25 (84%)
POLY-3 RATE (c)	33/43.87	38/46.13	38/47.92	44/47.73	33/38.94
POLY-3 PERCENT (g)	75.2%	82.4%	79.3%	92.2%	84.8%
TERMINAL (d)	19/25 (76%)	28/33 (85%)	35/40 (88%)	33/35 (94%)	25/29 (86%)
FIRST INCIDENCE	436	314	645	450	226
STATISTICAL TESTS					
POLY 3	P=0.191	P=0.272	P=0.410	P=0.017*	P=0.199
POLY 1.5	P=0.179	P=0.225	P=0.332	P=0.011*	P=0.164
POLY 6	P=0.250	P=0.325	P=0.477	P=0.026*	P=0.275
RAO-SCOTT	P=0.219	P=0.292	P=0.418	P=0.033*	P=0.214
LITTER C-A/FISHERS	P=0.112N	P=0.500	P=0.695	P=0.245	P=0.334N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Nose: Olfactory Epithelium Metaplasia Respiratory					
LESION RATES					
OVERALL (a)	3/50 (6%)	1/49 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	3/25 (12%)	1/25 (4%)	2/25 (8%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	3/38.80	1/42.32	2/47.18	0/44.66	1/34.50
POLY-3 PERCENT (g)	7.7%	2.4%	4.2%	0%	2.9%
TERMINAL (d)	1/25 (4%)	0/33 (0%)	2/40 (5%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	608	667	729 (T)	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.375N	P=0.274N	P=0.412N	P=0.095N	P=0.348N
POLY 1.5	P=0.373N	P=0.289N	P=0.444N	P=0.104N	P=0.363N
POLY 6	P=0.376N	P=0.257N	P=0.378N	P=0.087N	P=0.320N
RAO-SCOTT	P=0.387N	P=0.301N	P=0.431N	P=0.128N	P=0.349N
LITTER C-A/FISHERS	P=0.329N	P=0.305N	P=0.500N	P=0.117N	P=0.305N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/49 (2%)	3/50 (6%)	4/50 (8%)	0/50 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	2/25 (8%)	4/25 (16%)	0/25 (0%)
POLY-3 RATE (c)	2/38.35	1/42.44	3/47.18	4/45.15	0/34.50
POLY-3 PERCENT (g)	5.2%	2.4%	6.4%	8.9%	0%
TERMINAL (d)	2/25 (8%)	0/33 (0%)	3/40 (8%)	2/35 (6%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	631	729 (T)	657	---
STATISTICAL TESTS					
POLY 3	P=0.286N	P=0.465N	P=0.593	P=0.415	P=0.261N
POLY 1.5	P=0.289N	P=0.481N	P=0.559	P=0.384	P=0.272N
POLY 6	P=0.269N	P=0.444N	P=0.631	P=0.452	P=0.241N
RAO-SCOTT	P=0.276N	P=0.494N	P=0.605	P=0.447	P=0.293N
LITTER C-A/FISHERS	P=0.230N	P=0.500N	P=0.695	P=0.334	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas					
Basophilic Focus					
LESION RATES					
OVERALL (a)	2/50 (4%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	2/25 (8%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/38.35	2/42.42	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	5.2%	4.7%	0%	0%	0%
TERMINAL (d)	2/25 (8%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	638	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.182N	P=0.658N	P=0.194N	P=0.205N	P=0.261N
POLY 1.5	P=0.178N	P=0.675N	P=0.210N	P=0.217N	P=0.272N
POLY 6	P=0.187N	P=0.635N	P=0.178N	P=0.192N	P=0.241N
RAO-SCOTT	P=0.250N	P=0.673N	P=0.315N	P=0.321N	P=0.344N
LITTER C-A/FISHERS	P=0.158N	P=0.695	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	10/50 (20%)	5/49 (10%)	3/50 (6%)	6/50 (12%)	2/49 (4%)
LITTERS (b)	9/25 (36%)	5/25 (20%)	3/25 (12%)	6/25 (24%)	1/25 (4%)
POLY-3 RATE (c)	10/41.16	5/42.17	3/47.73	6/45.26	2/34.50
POLY-3 PERCENT (g)	24.3%	11.9%	6.3%	13.3%	5.8%
TERMINAL (d)	5/25 (20%)	4/33 (12%)	2/40 (5%)	4/35 (11%)	2/29 (7%)
FIRST INCIDENCE	227	708	557	616	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.124N	P=0.114N	P=0.016N*	P=0.148N	P=0.028N*
POLY 1.5	P=0.120N	P=0.125N	P=0.022N*	P=0.171N	P=0.032N*
POLY 6	P=0.120N	P=0.101N	P=0.011N*	P=0.122N	P=0.021N*
RAO-SCOTT	P=0.112N	P=0.130N	P=0.025N*	P=0.164N	P=0.036N*
LITTER C-A/FISHERS	P=0.023N*	P=0.173N	P=0.048N*	P=0.269N	P=0.005N**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas: Acinus Atrophy					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/49 (2%)	6/50 (12%)	3/50 (6%)	1/49 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	6/25 (24%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	1/38.35	1/42.09	6/47.26	3/45.10	1/34.81
POLY-3 PERCENT (g)	2.6%	2.4%	12.7%	6.7%	2.9%
TERMINAL (d)	1/25 (4%)	1/33 (3%)	5/40 (13%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	708	616	645
STATISTICAL TESTS					
POLY 3	P=0.400N	P=0.740N	P=0.098	P=0.365	P=0.739
POLY 1.5	P=0.417N	P=0.750N	P=0.080	P=0.342	P=0.728
POLY 6	P=0.364N	P=0.727N	P=0.122	P=0.394	P=0.760
RAO-SCOTT	P=0.401N	P=0.716N	P=0.117	P=0.372	P=0.696
LITTER C-A/FISHERS	P=0.326N	P=0.755	P=0.049*	P=0.305	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pancreas: Acinus Hyperplasia					
LESION RATES					
OVERALL (a)	13/50 (26%)	9/49 (18%)	16/50 (32%)	25/50 (50%)	15/49 (31%)
LITTERS (b)	12/25 (48%)	8/25 (32%)	14/25 (56%)	19/25 (76%)	13/25 (52%)
POLY-3 RATE (c)	13/38.48	9/42.41	16/47.18	25/46.48	15/34.51
POLY-3 PERCENT (g)	33.8%	21.2%	33.9%	53.8%	43.5%
TERMINAL (d)	12/25 (48%)	7/33 (21%)	16/40 (40%)	18/35 (51%)	14/29 (48%)
FIRST INCIDENCE	696	667	729 (T)	450	727
STATISTICAL TESTS					
POLY 3	P=0.050*	P=0.152N	P=0.586	P=0.047*	P=0.268
POLY 1.5	P=0.051	P=0.188N	P=0.487	P=0.026*	P=0.229
POLY 6	P=0.064	P=0.112N	P=0.485N	P=0.091	P=0.361
RAO-SCOTT	P=0.060	P=0.148N	P=0.572	P=0.051	P=0.255
LITTER C-A/FISHERS	P=0.296	P=0.193N	P=0.389	P=0.040*	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Parathyroid Gland Hyperplasia Diffuse					
LESION RATES					
OVERALL (a)	2/42 (5%)	1/32 (3%)	0/31 (0%)	1/43 (2%)	0/38 (0%)
LITTERS (b)	2/24 (8%)	1/23 (4%)	0/21 (0%)	1/25 (4%)	0/23 (0%)
POLY-3 RATE (c)	2/32.76	1/26.09	0/28.76	1/38.07	0/26.46
POLY-3 PERCENT (g)	6.1%	3.8%	0%	2.6%	0%
TERMINAL (d)	0/21 (0%)	0/19 (0%)	0/25 (0%)	0/29 (0%)	0/21 (0%)
FIRST INCIDENCE	597	708	---	631	---
STATISTICAL TESTS					
POLY 3	P=0.290N	P=0.580N	P=0.264N	P=0.448N	P=0.286N
POLY 1.5	P=0.286N	P=0.584N	P=0.278N	P=0.463N	P=0.291N
POLY 6	P=0.291N	P=0.576N	P=0.250N	P=0.433N	P=0.274N
RAO-SCOTT	P=0.290N	P=0.583N	P=0.323N	P=0.474N	P=0.305N
LITTER C-A/FISHERS	P=0.260N	P=0.516N	P=0.279N	P=0.484N	P=0.255N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Peripheral Nerve: Ganglion Vacuolization Cytoplasmic					
LESION RATES					
OVERALL (a)	2/3 (67%)	0/0 (0%)	1/1 (100%)	0/1 (0%)	0/0 (0%)
LITTERS (b)	2/3 (67%)	0/0 (0%)	1/1 (100%)	0/1 (0%)	0/0 (0%)
POLY-3 RATE (c)	2/2.59	0/0.00	1/1.00	0/0.96	0/0.00
POLY-3 PERCENT (g)	77.3%	0%	100%	0%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	598	---	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	P=0.848	P=0.457N	(e)
POLY 1.5	(e)	(e)	P=0.767	P=0.479N	(e)
POLY 6	(e)	(e)	P=0.973	P=0.415N	(e)
RAO-SCOTT	(e)	(e)	P=0.842	P=0.428N	(e)
LITTER C-A/FISHERS	(e)	(e)	P=0.750	P=0.500N	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Peritoneum					
Inflammation Chronic					
<hr/>					
LESION RATES					
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
LITTERS (b)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (c)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pituitary Gland: Pars Distalis Hyperplasia					
LESION RATES					
OVERALL (a)	19/50 (38%)	26/49 (53%)	22/50 (44%)	21/50 (42%)	14/49 (29%)
LITTERS (b)	16/25 (64%)	19/25 (76%)	19/25 (76%)	16/25 (64%)	13/25 (52%)
POLY-3 RATE (c)	19/39.31	26/43.06	22/47.52	21/45.54	14/34.50
POLY-3 PERCENT (g)	48.3%	60.4%	46.3%	46.1%	40.6%
TERMINAL (d)	16/25 (64%)	22/33 (67%)	20/40 (50%)	18/35 (51%)	14/29 (48%)
FIRST INCIDENCE	593	595	675	628	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.142N	P=0.181	P=0.511N	P=0.506N	P=0.329N
POLY 1.5	P=0.149N	P=0.139	P=0.539	P=0.570	P=0.379N
POLY 6	P=0.112N	P=0.250	P=0.375N	P=0.393N	P=0.237N
RAO-SCOTT	P=0.134N	P=0.185	P=0.500N	P=0.494N	P=0.315N
LITTER C-A/FISHERS	P=0.056N	P=0.269	P=0.269	P=0.616	P=0.284N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Pituitary Gland: Pars Distalis Hypertrophy					
LESION RATES					
OVERALL (a)	3/50 (6%)	7/49 (14%)	5/50 (10%)	15/50 (30%)	37/49 (76%)
LITTERS (b)	3/25 (12%)	7/25 (28%)	5/25 (20%)	11/25 (44%)	22/25 (88%)
POLY-3 RATE (c)	3/38.35	7/43.38	5/47.18	15/45.42	37/40.74
POLY-3 PERCENT (g)	7.8%	16.1%	10.6%	33%	90.8%
TERMINAL (d)	3/25 (12%)	4/33 (12%)	5/40 (13%)	14/35 (40%)	28/29 (97%)
FIRST INCIDENCE	729 (T)	359	729 (T)	450	167
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.210	P=0.474	P=0.004**	P<0.001**
POLY 1.5	P<0.001**	P=0.186	P=0.430	P=0.003**	P<0.001**
POLY 6	P<0.001**	P=0.244	P=0.526	P=0.007**	P<0.001**
RAO-SCOTT	P<0.001**	P=0.206	P=0.460	P=0.007**	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.145	P=0.351	P=0.013*	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate: Epithelium, Ventral Hyperplasia					
LESION RATES					
OVERALL (a)	4/50 (8%)	2/49 (4%)	3/50 (6%)	3/50 (6%)	3/49 (6%)
LITTERS (b)	3/25 (12%)	2/25 (8%)	3/25 (12%)	3/25 (12%)	3/25 (12%)
POLY-3 RATE (c)	4/38.48	2/42.09	3/47.18	3/44.66	3/34.51
POLY-3 PERCENT (g)	10.4%	4.8%	6.4%	6.7%	8.7%
TERMINAL (d)	3/25 (12%)	2/33 (6%)	3/40 (8%)	3/35 (9%)	2/29 (7%)
FIRST INCIDENCE	696	729 (T)	729 (T)	729 (T)	727
STATISTICAL TESTS					
POLY 3	P=0.486	P=0.296N	P=0.391N	P=0.419N	P=0.560N
POLY 1.5	P=0.487	P=0.315N	P=0.431N	P=0.450N	P=0.582N
POLY 6	P=0.500	P=0.273N	P=0.347N	P=0.386N	P=0.517N
RAO-SCOTT	P=0.484	P=0.313N	P=0.404N	P=0.428N	P=0.541N
LITTER C-A/FISHERS	P=0.529	P=0.500N	P=0.666	P=0.666	P=0.666

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate: Lateral, Dorsal Inflammation Acute					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/38.67	0/42.09	0/47.18	0/44.66	2/35.50
POLY-3 PERCENT (g)	2.6%	0%	0%	0%	5.6%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	642	---	---	---	99
STATISTICAL TESTS					
POLY 3	P=0.085	P=0.483N	P=0.461N	P=0.471N	P=0.470
POLY 1.5	P=0.087	P=0.491N	P=0.475N	P=0.482N	P=0.455
POLY 6	P=0.084	P=0.474N	P=0.445N	P=0.460N	P=0.497
RAO-SCOTT	P=0.169	P=0.617N	P=0.616N	P=0.615N	P=0.534
LITTER C-A/FISHERS	P=0.107	P=0.500N	P=0.500N	P=0.500N	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate: Lateral, Dorsal Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	1/38.52	2/42.30	0/47.18	0/44.66	1/34.50
POLY-3 PERCENT (g)	2.6%	4.7%	0%	0%	2.9%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	685	673	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.666N	P=0.533	P=0.460N	P=0.471N	P=0.736
POLY 1.5	P=0.664N	P=0.517	P=0.475N	P=0.482N	P=0.726
POLY 6	P=0.668N	P=0.552	P=0.444N	P=0.458N	P=0.754
RAO-SCOTT	P=0.655	P=0.563	P=0.541N	P=0.542N	P=0.716
LITTER C-A/FISHERS	P=0.642N	P=0.500	P=0.500N	P=0.500N	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate: Lateral, Epithelium, Dorsal Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	2/42.44	0/47.18	1/44.66	0/34.50
POLY-3 PERCENT (g)	0%	4.7%	0%	2.2%	0%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	0/40 (0%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	---	631	---	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.443N	P=0.260	(e)	P=0.530	(e)
POLY 1.5	P=0.447N	P=0.249	(e)	P=0.519	(e)
POLY 6	P=0.433N	P=0.275	(e)	P=0.543	(e)
RAO-SCOTT	P=0.471N	P=0.351	(e)	P=0.606	(e)
LITTER C-A/FISHERS	P=0.408N	P=0.245	(e)	P=0.500	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate: Ventral Inflammation					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	2/42.75	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	4.7%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	546	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.373N	P=0.262	(e)	(e)	(e)
POLY 1.5	P=0.378N	P=0.250	(e)	(e)	(e)
POLY 6	P=0.368N	P=0.277	(e)	(e)	(e)
RAO-SCOTT	P=0.474N	P=0.397	(e)	(e)	(e)
LITTER C-A/FISHERS	P=0.378N	P=0.245	(e)	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate: Ventral Inflammation Acute					
LESION RATES					
OVERALL (a)	3/50 (6%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	3/25 (12%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	3/39.76	0/42.09	0/47.18	0/44.66	1/34.50
POLY-3 PERCENT (g)	7.6%	0%	0%	0%	2.9%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	336	---	---	---	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.655N	P=0.108N	P=0.091N	P=0.099N	P=0.357N
POLY 1.5	P=0.644N	P=0.114N	P=0.101N	P=0.106N	P=0.369N
POLY 6	P=0.668N	P=0.102N	P=0.081N	P=0.091N	P=0.331N
RAO-SCOTT	P=0.655N	P=0.204N	P=0.188N	P=0.195N	P=0.413N
LITTER C-A/FISHERS	P=0.611N	P=0.117N	P=0.117N	P=0.117N	P=0.305N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Prostate: Ventral Inflammation Chronic					
LESION RATES					
OVERALL (a)	4/50 (8%)	3/49 (6%)	1/50 (2%)	2/50 (4%)	3/49 (6%)
LITTERS (b)	4/25 (16%)	3/25 (12%)	1/25 (4%)	2/25 (8%)	3/25 (12%)
POLY-3 RATE (c)	4/38.97	3/42.45	1/47.18	2/44.74	3/34.81
POLY-3 PERCENT (g)	10.3%	7.1%	2.1%	4.5%	8.6%
TERMINAL (d)	2/25 (8%)	1/33 (3%)	1/40 (3%)	1/35 (3%)	2/29 (7%)
FIRST INCIDENCE	598	673	729 (T)	708	645
STATISTICAL TESTS					
POLY 3	P=0.475	P=0.453N	P=0.127N	P=0.275N	P=0.562N
POLY 1.5	P=0.479	P=0.475N	P=0.144N	P=0.298N	P=0.583N
POLY 6	P=0.481	P=0.426N	P=0.110N	P=0.252N	P=0.520N
RAO-SCOTT	P=0.469	P=0.458N	P=0.154N	P=0.296N	P=0.543N
LITTER C-A/FISHERS	P=0.587	P=0.500N	P=0.174N	P=0.334N	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Salivary Glands: Artery Mineral					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/48 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/39.38	0/41.44	2/47.62	0/44.66	0/34.50
POLY-3 PERCENT (g)	5.1%	0%	4.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	547	---	645	---	---
STATISTICAL TESTS					
POLY 3	P=0.232N	P=0.226N	P=0.623N	P=0.210N	P=0.267N
POLY 1.5	P=0.232N	P=0.233N	P=0.650N	P=0.220N	P=0.275N
POLY 6	P=0.231N	P=0.217N	P=0.593N	P=0.200N	P=0.252N
RAO-SCOTT	P=0.355N	P=0.416N	P=0.685N	P=0.406N	P=0.420N
LITTER C-A/FISHERS	P=0.261N	P=0.245N	P=0.500N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Seminal Vesicle Inflammation					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	1/49 (2%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/38.35	2/42.75	0/47.18	0/44.66	1/34.55
POLY-3 PERCENT (g)	0%	4.7%	0%	0%	2.9%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	546	---	---	717
STATISTICAL TESTS					
POLY 3	P=0.558	P=0.262	(e)	(e)	P=0.479
POLY 1.5	P=0.554	P=0.250	(e)	(e)	P=0.470
POLY 6	P=0.569	P=0.277	(e)	(e)	P=0.496
RAO-SCOTT	P=0.558	P=0.374	(e)	(e)	P=0.543
LITTER C-A/FISHERS	P=0.592	P=0.245	(e)	(e)	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Seminal Vesicle Inflammation Acute					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/49 (2%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	2/39.34	1/42.09	0/47.18	1/44.97	2/35.50
POLY-3 PERCENT (g)	5.1%	2.4%	0%	2.2%	5.6%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	336	729 (T)	---	645	99
STATISTICAL TESTS					
POLY 3	P=0.313	P=0.476N	P=0.199N	P=0.454N	P=0.657
POLY 1.5	P=0.317	P=0.489N	P=0.213N	P=0.472N	P=0.642
POLY 6	P=0.314	P=0.460N	P=0.184N	P=0.432N	P=0.686
RAO-SCOTT	P=0.332	P=0.497N	P=0.255N	P=0.481N	P=0.638
LITTER C-A/FISHERS	P=0.383	P=0.500N	P=0.245N	P=0.500N	P=0.695

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Seminal Vesicle Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	3/49 (6%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	1/38.52	0/42.09	0/47.18	0/44.66	3/34.81
POLY-3 PERCENT (g)	2.6%	0%	0%	0%	8.6%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	2/29 (7%)
FIRST INCIDENCE	685	---	---	---	645
STATISTICAL TESTS					
POLY 3	P=0.013*	P=0.482N	P=0.460N	P=0.471N	P=0.269
POLY 1.5	P=0.014*	P=0.491N	P=0.475N	P=0.482N	P=0.254
POLY 6	P=0.013*	P=0.472N	P=0.444N	P=0.458N	P=0.298
RAO-SCOTT	P=0.046*	P=0.609N	P=0.607N	P=0.606N	P=0.359
LITTER C-A/FISHERS	P=0.020*	P=0.500N	P=0.500N	P=0.500N	P=0.305

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Seminal Vesicle: Bilateral Inflammation Acute					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	2/49 (4%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	2/39.34	0/42.09	0/47.18	1/44.97	2/35.50
POLY-3 PERCENT (g)	5.1%	0%	0%	2.2%	5.6%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	336	---	---	645	99
STATISTICAL TESTS					
POLY 3	P=0.202	P=0.222N	P=0.199N	P=0.454N	P=0.657
POLY 1.5	P=0.207	P=0.230N	P=0.213N	P=0.472N	P=0.642
POLY 6	P=0.202	P=0.212N	P=0.184N	P=0.432N	P=0.686
RAO-SCOTT	P=0.254	P=0.304N	P=0.290N	P=0.505N	P=0.649
LITTER C-A/FISHERS	P=0.262	P=0.245N	P=0.245N	P=0.500N	P=0.695

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Seminal Vesicle: Bilateral Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	3/49 (6%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	1/38.52	0/42.09	0/47.18	0/44.66	3/34.81
POLY-3 PERCENT (g)	2.6%	0%	0%	0%	8.6%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	2/29 (7%)
FIRST INCIDENCE	685	---	---	---	645
STATISTICAL TESTS					
POLY 3	P=0.013*	P=0.482N	P=0.460N	P=0.471N	P=0.269
POLY 1.5	P=0.014*	P=0.491N	P=0.475N	P=0.482N	P=0.254
POLY 6	P=0.013*	P=0.472N	P=0.444N	P=0.458N	P=0.298
RAO-SCOTT	P=0.046*	P=0.609N	P=0.607N	P=0.606N	P=0.359
LITTER C-A/FISHERS	P=0.020*	P=0.500N	P=0.500N	P=0.500N	P=0.305

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Skin					
Cyst Epithelial Inclusion					
LESION RATES					
OVERALL (a)	3/50 (6%)	1/48 (2%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	3/25 (12%)	1/25 (4%)	3/25 (12%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	3/38.35	1/42.18	3/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	7.8%	2.4%	6.4%	0%	0%
TERMINAL (d)	3/25 (12%)	0/33 (0%)	3/40 (8%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	729 (T)	577	729 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.105N	P=0.272N	P=0.563N	P=0.094N	P=0.138N
POLY 1.5	P=0.104N	P=0.290N	P=0.601N	P=0.103N	P=0.147N
POLY 6	P=0.104N	P=0.249N	P=0.519N	P=0.084N	P=0.121N
RAO-SCOTT	P=0.137N	P=0.323N	P=0.578N	P=0.148N	P=0.179N
LITTER C-A/FISHERS	P=0.083N	P=0.305N	P=0.666	P=0.117N	P=0.117N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Skin					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	3/50 (6%)	3/48 (6%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	3/25 (12%)	3/25 (12%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	3/38.70	3/43.06	1/47.18	1/44.66	0/34.50
POLY-3 PERCENT (g)	7.8%	7%	2.1%	2.2%	0%
TERMINAL (d)	1/25 (4%)	1/33 (3%)	1/40 (3%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	657	359	729 (T)	729 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.109N	P=0.612N	P=0.239N	P=0.256N	P=0.140N
POLY 1.5	P=0.107N	P=0.639N	P=0.262N	P=0.274N	P=0.148N
POLY 6	P=0.108N	P=0.582N	P=0.215N	P=0.237N	P=0.125N
RAO-SCOTT	P=0.122N	P=0.611N	P=0.278N	P=0.292N	P=0.164N
LITTER C-A/FISHERS	P=0.077N	P=0.666	P=0.305N	P=0.305N	P=0.117N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Skin					
Ulcer					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/48 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	1/38.62	1/41.68	0/47.18	2/45.42	0/34.50
POLY-3 PERCENT (g)	2.6%	2.4%	0%	4.4%	0%
TERMINAL (d)	0/25 (0%)	1/33 (3%)	0/40 (0%)	1/35 (3%)	0/29 (0%)
FIRST INCIDENCE	657	729 (T)	---	450	---
STATISTICAL TESTS					
POLY 3	P=0.488N	P=0.744N	P=0.460N	P=0.556	P=0.522N
POLY 1.5	P=0.485N	P=0.754N	P=0.475N	P=0.535	P=0.530N
POLY 6	P=0.483N	P=0.731N	P=0.444N	P=0.578	P=0.507N
RAO-SCOTT	P=0.453N	P=0.737N	P=0.514N	P=0.574	P=0.515N
LITTER C-A/FISHERS	P=0.411N	P=0.755	P=0.500N	P=0.500	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Spleen					
Extramedullary Hematopoiesis					
LESION RATES					
OVERALL (a)	42/50 (84%)	42/49 (86%)	42/50 (84%)	47/50 (94%)	36/49 (73%)
LITTERS (b)	23/25 (92%)	25/25 (100%)	24/25 (96%)	25/25 (100%)	21/25 (84%)
POLY-3 RATE (c)	42/47.24	42/46.64	42/48.57	47/49.37	36/39.25
POLY-3 PERCENT (g)	88.9%	90.1%	86.5%	95.2%	91.7%
TERMINAL (d)	24/25 (96%)	32/33 (97%)	37/40 (93%)	34/35 (97%)	27/29 (93%)
FIRST INCIDENCE	227	359	512	266	3
STATISTICAL TESTS					
POLY 3	P=0.310	P=0.568	P=0.478N	P=0.192	P=0.468
POLY 1.5	P=0.336	P=0.526	P=0.537N	P=0.141	P=0.462
POLY 6	P=0.417	P=0.649	P=0.402N	P=0.295	P=0.614
RAO-SCOTT	P=0.342	P=0.569	P=0.493N	P=0.249	P=0.471
LITTER C-A/FISHERS	P=0.034N*	P=0.245	P=0.500	P=0.245	P=0.334N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Spleen Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	2/50 (4%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	2/47.41	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	4.2%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	1/40 (3%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	669	---	---
STATISTICAL TESTS					
POLY 3	P=0.475N	(e)	P=0.287	(e)	(e)
POLY 1.5	P=0.488N	(e)	P=0.268	(e)	(e)
POLY 6	P=0.458N	(e)	P=0.311	(e)	(e)
RAO-SCOTT	P=0.547N	(e)	P=0.408	(e)	(e)
LITTER C-A/FISHERS	P=0.483N	(e)	P=0.245	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Spleen Pigment					
LESION RATES					
OVERALL (a)	41/50 (82%)	43/49 (88%)	42/50 (84%)	46/50 (92%)	38/49 (78%)
LITTERS (b)	24/25 (96%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	22/25 (88%)
POLY-3 RATE (c)	41/47.22	43/46.55	42/49.00	46/49.42	38/41.83
POLY-3 PERCENT (g)	86.8%	92.4%	85.7%	93.1%	90.9%
TERMINAL (d)	22/25 (88%)	32/33 (97%)	35/40 (88%)	34/35 (97%)	26/29 (90%)
FIRST INCIDENCE	227	314	557	266	99
STATISTICAL TESTS					
POLY 3	P=0.378	P=0.276	P=0.558N	P=0.231	P=0.390
POLY 1.5	P=0.354	P=0.288	P=0.612N	P=0.183	P=0.358
POLY 6	P=0.446	P=0.256	P=0.502N	P=0.278	P=0.461
RAO-SCOTT	P=0.389	P=0.304	P=0.557N	P=0.259	P=0.395
LITTER C-A/FISHERS	P=0.020N*	P=0.500	P=0.500	P=0.500	P=0.305N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Spleen: White Pulp Atrophy					
LESION RATES					
OVERALL (a)	13/50 (26%)	8/49 (16%)	6/50 (12%)	5/50 (10%)	9/49 (18%)
LITTERS (b)	10/25 (40%)	7/25 (28%)	5/25 (20%)	5/25 (20%)	8/25 (32%)
POLY-3 RATE (c)	13/43.72	8/46.39	6/49.35	5/46.40	9/41.30
POLY-3 PERCENT (g)	29.7%	17.3%	12.2%	10.8%	21.8%
TERMINAL (d)	1/25 (4%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	336	314	512	450	3
STATISTICAL TESTS					
POLY 3	P=0.517	P=0.123N	P=0.031N*	P=0.021N*	P=0.278N
POLY 1.5	P=0.531	P=0.139N	P=0.040N*	P=0.025N*	P=0.290N
POLY 6	P=0.514	P=0.110N	P=0.023N*	P=0.018N*	P=0.252N
RAO-SCOTT	P=0.522	P=0.154N	P=0.050N*	P=0.038N*	P=0.300N
LITTER C-A/FISHERS	P=0.532	P=0.276N	P=0.108N	P=0.108N	P=0.384N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Forestomach Inflammation Chronic					
LESION RATES					
OVERALL (a)	5/50 (10%)	2/49 (4%)	4/50 (8%)	1/50 (2%)	1/49 (2%)
LITTERS (b)	5/25 (20%)	2/25 (8%)	4/25 (16%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	5/39.15	2/43.20	4/47.18	1/44.74	1/34.81
POLY-3 PERCENT (g)	12.8%	4.6%	8.5%	2.2%	2.9%
TERMINAL (d)	2/25 (8%)	0/33 (0%)	4/40 (10%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	547	359	729 (T)	708	645
STATISTICAL TESTS					
POLY 3	P=0.154N	P=0.177N	P=0.385N	P=0.073N	P=0.129N
POLY 1.5	P=0.153N	P=0.194N	P=0.426N	P=0.083N	P=0.140N
POLY 6	P=0.149N	P=0.159N	P=0.342N	P=0.064N	P=0.108N
RAO-SCOTT	P=0.158N	P=0.195N	P=0.394N	P=0.092N	P=0.139N
LITTER C-A/FISHERS	P=0.103N	P=0.209N	P=0.500N	P=0.095N	P=0.095N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Forestomach Mineral					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/49 (2%)	1/50 (2%)	1/50 (2%)	0/49 (0%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	1/25 (4%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/39.57	1/42.17	1/47.32	1/45.01	0/34.50
POLY-3 PERCENT (g)	5.1%	2.4%	2.1%	2.2%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	476	708	694	631	---
STATISTICAL TESTS					
POLY 3	P=0.262N	P=0.478N	P=0.438N	P=0.455N	P=0.268N
POLY 1.5	P=0.260N	P=0.489N	P=0.461N	P=0.472N	P=0.276N
POLY 6	P=0.260N	P=0.464N	P=0.413N	P=0.436N	P=0.253N
RAO-SCOTT	P=0.247N	P=0.478N	P=0.450N	P=0.462N	P=0.264N
LITTER C-A/FISHERS	P=0.213N	P=0.500N	P=0.500N	P=0.500N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Forestomach Ulcer					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/49 (2%)	2/50 (4%)	1/50 (2%)	1/49 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	2/25 (8%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	1/38.93	1/42.32	2/47.18	1/44.74	1/34.81
POLY-3 PERCENT (g)	2.6%	2.4%	4.2%	2.2%	2.9%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	2/40 (5%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	547	667	729 (T)	708	645
STATISTICAL TESTS					
POLY 3	P=0.620N	P=0.742N	P=0.566	P=0.729N	P=0.736
POLY 1.5	P=0.625N	P=0.751N	P=0.542	P=0.741N	P=0.726
POLY 6	P=0.608N	P=0.730N	P=0.593	P=0.714N	P=0.754
RAO-SCOTT	P=0.604N	P=0.711N	P=0.549	P=0.701N	P=0.685
LITTER C-A/FISHERS	P=0.573N	P=0.755	P=0.500	P=0.755	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Forestomach: Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	3/50 (6%)	3/49 (6%)	3/50 (6%)	3/50 (6%)	6/49 (12%)
LITTERS (b)	3/25 (12%)	2/25 (8%)	3/25 (12%)	3/25 (12%)	6/25 (24%)
POLY-3 RATE (c)	3/38.57	3/42.47	3/47.18	3/45.10	6/34.97
POLY-3 PERCENT (g)	7.8%	7.1%	6.4%	6.7%	17.2%
TERMINAL (d)	1/25 (4%)	1/33 (3%)	3/40 (8%)	1/35 (3%)	3/29 (10%)
FIRST INCIDENCE	696	667	729 (T)	628	645
STATISTICAL TESTS					
POLY 3	P=0.070	P=0.618N	P=0.566N	P=0.588N	P=0.192
POLY 1.5	P=0.069	P=0.639N	P=0.602N	P=0.617N	P=0.174
POLY 6	P=0.076	P=0.590N	P=0.525N	P=0.555N	P=0.232
RAO-SCOTT	P=0.070	P=0.605N	P=0.563N	P=0.581N	P=0.204
LITTER C-A/FISHERS	P=0.075	P=0.500N	P=0.666	P=0.666	P=0.232

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Stomach, Glandular Mineral					
LESION RATES					
OVERALL (a)	6/50 (12%)	3/49 (6%)	4/50 (8%)	1/50 (2%)	1/49 (2%)
LITTERS (b)	6/25 (24%)	3/25 (12%)	3/25 (12%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	6/41.92	3/43.00	4/47.87	1/45.01	1/35.50
POLY-3 PERCENT (g)	14.3%	7%	8.4%	2.2%	2.8%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	2/40 (5%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	328	546	557	631	99
STATISTICAL TESTS					
POLY 3	P=0.092N	P=0.228N	P=0.289N	P=0.045N*	P=0.086N
POLY 1.5	P=0.091N	P=0.239N	P=0.320N	P=0.049N*	P=0.090N
POLY 6	P=0.091N	P=0.212N	P=0.255N	P=0.040N*	P=0.075N
RAO-SCOTT	P=0.116N	P=0.267N	P=0.327N	P=0.076N	P=0.116N
LITTER C-A/FISHERS	P=0.067N	P=0.232N	P=0.232N	P=0.049N*	P=0.049N*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis					
Edema					
LESION RATES					
OVERALL (a)	20/49 (41%)	23/49 (47%)	26/50 (52%)	23/50 (46%)	23/49 (47%)
LITTERS (b)	15/25 (60%)	19/25 (76%)	20/25 (80%)	16/25 (64%)	18/25 (72%)
POLY-3 RATE (c)	20/41.23	23/43.14	26/47.47	23/45.27	23/35.13
POLY-3 PERCENT (g)	48.5%	53.3%	54.8%	50.8%	65.5%
TERMINAL (d)	13/25 (52%)	20/33 (61%)	24/40 (60%)	21/35 (60%)	22/29 (76%)
FIRST INCIDENCE	436	577	675	632	520
STATISTICAL TESTS					
POLY 3	P=0.119	P=0.409	P=0.351	P=0.501	P=0.098
POLY 1.5	P=0.131	P=0.387	P=0.288	P=0.458	P=0.098
POLY 6	P=0.132	P=0.435	P=0.419	P=0.539	P=0.121
RAO-SCOTT	P=0.106	P=0.408	P=0.354	P=0.495	P=0.105
LITTER C-A/FISHERS	P=0.531	P=0.182	P=0.108	P=0.500	P=0.276

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	19/49 (39%)	15/49 (31%)	10/50 (20%)	9/50 (18%)	6/49 (12%)
LITTERS (b)	13/25 (52%)	14/25 (56%)	7/25 (28%)	7/25 (28%)	5/25 (20%)
POLY-3 RATE (c)	19/41.14	15/42.88	10/48.18	9/45.12	6/34.50
POLY-3 PERCENT (g)	46.2%	35%	20.8%	20%	17.4%
TERMINAL (d)	9/25 (36%)	13/33 (39%)	7/40 (18%)	7/35 (20%)	6/29 (21%)
FIRST INCIDENCE	476	486	557	616	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.023N*	P=0.201N	P=0.008N**	P=0.007N**	P=0.006N**
POLY 1.5	P=0.021N*	P=0.218N	P=0.013N*	P=0.009N**	P=0.007N**
POLY 6	P=0.021N*	P=0.191N	P=0.005N**	P=0.005N**	P=0.005N**
RAO-SCOTT	P=0.030N*	P=0.229N	P=0.017N*	P=0.016N*	P=0.014N*
LITTER C-A/FISHERS	P=0.011N*	P=0.500	P=0.074N	P=0.074N	P=0.019N*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Bilateral					
Edema					
LESION RATES					
OVERALL (a)	12/49 (24%)	16/49 (33%)	17/50 (34%)	14/50 (28%)	18/49 (37%)
LITTERS (b)	9/25 (36%)	15/25 (60%)	14/25 (56%)	11/25 (44%)	15/25 (60%)
POLY-3 RATE (c)	12/39.16	16/43.14	17/47.38	14/45.27	18/35.13
POLY-3 PERCENT (g)	30.6%	37.1%	35.9%	30.9%	51.2%
TERMINAL (d)	9/25 (36%)	13/33 (39%)	16/40 (40%)	12/35 (34%)	17/29 (59%)
FIRST INCIDENCE	540	577	675	632	520
STATISTICAL TESTS					
POLY 3	P=0.067	P=0.349	P=0.388	P=0.583	P=0.053
POLY 1.5	P=0.067	P=0.310	P=0.317	P=0.527	P=0.046*
POLY 6	P=0.078	P=0.401	P=0.469	P=0.547N	P=0.078
RAO-SCOTT	P=0.058	P=0.352	P=0.390	P=0.573	P=0.064
LITTER C-A/FISHERS	P=0.236	P=0.078	P=0.128	P=0.387	P=0.078

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Bilateral					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	18/49 (37%)	15/49 (31%)	10/50 (20%)	9/50 (18%)	6/49 (12%)
LITTERS (b)	12/25 (48%)	14/25 (56%)	7/25 (28%)	7/25 (28%)	5/25 (20%)
POLY-3 RATE (c)	18/40.54	15/42.88	10/48.18	9/45.12	6/34.50
POLY-3 PERCENT (g)	44.4%	35%	20.8%	20%	17.4%
TERMINAL (d)	9/25 (36%)	13/33 (39%)	7/40 (18%)	7/35 (20%)	6/29 (21%)
FIRST INCIDENCE	476	486	557	616	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.028N*	P=0.253N	P=0.014N*	P=0.012N*	P=0.010N**
POLY 1.5	P=0.027N*	P=0.278N	P=0.022N*	P=0.016N*	P=0.012N*
POLY 6	P=0.026N*	P=0.234N	P=0.008N**	P=0.008N**	P=0.007N**
RAO-SCOTT	P=0.038N*	P=0.281N	P=0.027N*	P=0.024N*	P=0.020N*
LITTER C-A/FISHERS	P=0.016N*	P=0.389	P=0.122N	P=0.122N	P=0.036N*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Bilateral, Germinal Epithelium Degeneration					
LESION RATES					
OVERALL (a)	10/49 (20%)	10/49 (20%)	7/50 (14%)	9/50 (18%)	37/49 (76%)
LITTERS (b)	9/25 (36%)	9/25 (36%)	5/25 (20%)	9/25 (36%)	22/25 (88%)
POLY-3 RATE (c)	10/40.65	10/43.49	7/48.86	9/46.06	37/41.48
POLY-3 PERCENT (g)	24.6%	23%	14.3%	19.5%	89.2%
TERMINAL (d)	4/25 (16%)	6/33 (18%)	2/40 (5%)	5/35 (14%)	25/29 (86%)
FIRST INCIDENCE	476	546	512	534	99
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.533N	P=0.169N	P=0.379N	P<0.001**
POLY 1.5	P<0.001**	P=0.557N	P=0.205N	P=0.415N	P<0.001**
POLY 6	P<0.001**	P=0.504N	P=0.134N	P=0.342N	P<0.001**
RAO-SCOTT	P<0.001**	P=0.519N	P=0.160N	P=0.366N	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.616	P=0.173N	P=0.616	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Bilateral, Interstitial Cell Hyperplasia Focal					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	7/49 (14%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	7/25 (28%)
POLY-3 RATE (c)	0/37.80	0/42.09	0/47.18	0/44.66	7/37.46
POLY-3 PERCENT (g)	0%	0%	0%	0%	18.7%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	4/29 (14%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.007**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.005**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.009**
RAO-SCOTT	P<0.001**	(e)	(e)	(e)	P=0.040*
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	(e)	P=0.005**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Bilateral, Seminiferous Tubule Dysgenesis					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/37.80	0/42.09	0/47.18	0/44.66	2/35.32
POLY-3 PERCENT (g)	0%	0%	0%	0%	5.7%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	---	---	---	---	413
STATISTICAL TESTS					
POLY 3	P=0.015*	(e)	(e)	(e)	P=0.222
POLY 1.5	P=0.015*	(e)	(e)	(e)	P=0.212
POLY 6	P=0.015*	(e)	(e)	(e)	P=0.239
RAO-SCOTT	P=0.075	(e)	(e)	(e)	P=0.375
LITTER C-A/FISHERS	P=0.019*	(e)	(e)	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Bilateral, Seminiferous Tubule					
Mineral					
LESION RATES					
OVERALL (a)	0/49 (0%)	4/49 (8%)	1/50 (2%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	0/25 (0%)	4/25 (16%)	1/25 (4%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/37.80	4/42.32	1/47.18	0/44.66	2/35.43
POLY-3 PERCENT (g)	0%	9.5%	2.1%	0%	5.6%
TERMINAL (d)	0/25 (0%)	3/33 (9%)	1/40 (3%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	---	667	729 (T)	---	295
STATISTICAL TESTS					
POLY 3	P=0.522	P=0.075	P=0.544	(e)	P=0.222
POLY 1.5	P=0.513	P=0.069	P=0.529	(e)	P=0.213
POLY 6	P=0.538	P=0.084	P=0.560	(e)	P=0.240
RAO-SCOTT	P=0.493	P=0.129	P=0.601	(e)	P=0.272
LITTER C-A/FISHERS	P=0.555	P=0.055	P=0.500	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Germinal Epithelium Degeneration					
LESION RATES					
OVERALL (a)	16/49 (33%)	25/49 (51%)	21/50 (42%)	21/50 (42%)	44/49 (90%)
LITTERS (b)	14/25 (56%)	18/25 (72%)	15/25 (60%)	17/25 (68%)	23/25 (92%)
POLY-3 RATE (c)	16/42.30	25/44.55	21/49.41	21/46.97	44/44.00
POLY-3 PERCENT (g)	37.8%	56.1%	42.5%	44.7%	100%
TERMINAL (d)	6/25 (24%)	19/33 (58%)	15/40 (38%)	13/35 (37%)	29/29 (100%)
FIRST INCIDENCE	436	486	512	534	99
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.063	P=0.405	P=0.328	P<0.001**
POLY 1.5	P<0.001**	P=0.058	P=0.339	P=0.289	P<0.001**
POLY 6	P<0.001**	P=0.069	P=0.478	P=0.375	P<0.001**
RAO-SCOTT	P<0.001**	P=0.073	P=0.407	P=0.331	P<0.001**
LITTER C-A/FISHERS	P=0.005**	P=0.189	P=0.500	P=0.280	P=0.004**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Interstitial Cell Hyperplasia Focal					
LESION RATES					
OVERALL (a)	4/49 (8%)	3/49 (6%)	6/50 (12%)	5/50 (10%)	30/49 (61%)
LITTERS (b)	4/25 (16%)	3/25 (12%)	5/25 (20%)	4/25 (16%)	21/25 (84%)
POLY-3 RATE (c)	4/38.33	3/42.09	6/47.18	5/45.10	30/41.56
POLY-3 PERCENT (g)	10.4%	7.1%	12.7%	11.1%	72.2%
TERMINAL (d)	2/25 (8%)	3/33 (9%)	6/40 (15%)	3/35 (9%)	21/29 (72%)
FIRST INCIDENCE	597	729 (T)	729 (T)	628	3
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.449N	P=0.505	P=0.601	P<0.001**
POLY 1.5	P<0.001**	P=0.468N	P=0.460	P=0.568	P<0.001**
POLY 6	P<0.001**	P=0.428N	P=0.552	P=0.636	P<0.001**
RAO-SCOTT	P<0.001**	P=0.427N	P=0.489	P=0.582	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.500N	P=0.500	P=0.649	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Seminiferous Tubule Dysgenesis					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	10/49 (20%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	7/25 (28%)
POLY-3 RATE (c)	0/37.80	0/42.09	0/47.18	0/44.66	10/39.31
POLY-3 PERCENT (g)	0%	0%	0%	0%	25.4%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	5/29 (17%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**
RAO-SCOTT	P<0.001**	(e)	(e)	(e)	P=0.027*
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	(e)	P=0.005**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Testis: Seminiferous Tubule					
Mineral					
LESION RATES					
OVERALL (a)	0/49 (0%)	4/49 (8%)	1/50 (2%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	0/25 (0%)	4/25 (16%)	1/25 (4%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/37.80	4/42.32	1/47.18	0/44.66	2/35.43
POLY-3 PERCENT (g)	0%	9.5%	2.1%	0%	5.6%
TERMINAL (d)	0/25 (0%)	3/33 (9%)	1/40 (3%)	0/35 (0%)	1/29 (3%)
FIRST INCIDENCE	---	667	729 (T)	---	295
STATISTICAL TESTS					
POLY 3	P=0.522	P=0.075	P=0.544	(e)	P=0.222
POLY 1.5	P=0.513	P=0.069	P=0.529	(e)	P=0.213
POLY 6	P=0.538	P=0.084	P=0.560	(e)	P=0.240
RAO-SCOTT	P=0.493	P=0.129	P=0.601	(e)	P=0.272
LITTER C-A/FISHERS	P=0.555	P=0.055	P=0.500	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Thymus Atrophy					
LESION RATES					
OVERALL (a)	45/47 (96%)	45/46 (98%)	43/49 (88%)	45/47 (96%)	36/47 (77%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	23/25 (92%)	24/25 (96%)	21/25 (84%)
POLY-3 RATE (c)	45/47.00	45/45.77	43/48.12	45/47.00	36/39.16
POLY-3 PERCENT (g)	95.7%	98.3%	89.4%	95.7%	91.9%
TERMINAL (d)	23/25 (92%)	32/32 (100%)	36/40 (90%)	32/34 (94%)	26/29 (90%)
FIRST INCIDENCE	227	314	557	266	99
STATISTICAL TESTS					
POLY 3	P=0.331N	P=0.451	P=0.208N	P=0.693	P=0.387N
POLY 1.5	P=0.260N	P=0.478	P=0.180N	P=0.693	P=0.299N
POLY 6	P=0.328N	P=0.403	P=0.248N	P=0.693	P=0.414N
RAO-SCOTT	P=0.386N	P=0.565	P=0.316N	P=0.736	P=0.463N
LITTER C-A/FISHERS	P=0.012N*	P=1.000	P=0.245N	P=0.500N	P=0.055N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Thymus					
Atrophy Lymphocyte					
LESION RATES					
OVERALL (a)	0/47 (0%)	0/46 (0%)	0/49 (0%)	0/47 (0%)	5/47 (11%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	4/25 (16%)
POLY-3 RATE (c)	0/37.29	0/39.75	0/46.32	0/42.08	5/37.85
POLY-3 PERCENT (g)	0%	0%	0%	0%	13.2%
TERMINAL (d)	0/25 (0%)	0/32 (0%)	0/40 (0%)	0/34 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	3
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.031*
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.028*
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.038*
RAO-SCOTT	P=0.005**	(e)	(e)	(e)	P=0.156
LITTER C-A/FISHERS	P<0.001**	(e)	(e)	(e)	P=0.055

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Thyroid Gland: Bilateral, C-Cell Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	0/44.66	0/34.50
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	0/35 (0%)	0/29 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Thyroid Gland: C-Cell Hyperplasia					
LESION RATES					
OVERALL (a)	5/50 (10%)	8/49 (16%)	14/50 (28%)	8/50 (16%)	2/50 (4%)
LITTERS (b)	5/25 (20%)	8/25 (32%)	12/25 (48%)	8/25 (32%)	2/25 (8%)
POLY-3 RATE (c)	5/39.05	8/42.54	14/47.92	8/45.09	2/34.50
POLY-3 PERCENT (g)	12.8%	18.8%	29.2%	17.7%	5.8%
TERMINAL (d)	3/25 (12%)	6/33 (18%)	12/40 (30%)	6/35 (17%)	2/29 (7%)
FIRST INCIDENCE	530	667	512	669	729 (T)
STATISTICAL TESTS					
POLY 3	P=0.053N	P=0.331	P=0.056	P=0.374	P=0.267N
POLY 1.5	P=0.058N	P=0.304	P=0.038*	P=0.335	P=0.285N
POLY 6	P=0.042N*	P=0.369	P=0.083	P=0.422	P=0.234N
RAO-SCOTT	P=0.050N*	P=0.327	P=0.063	P=0.369	P=0.250N
LITTER C-A/FISHERS	P=0.020N*	P=0.260	P=0.036*	P=0.260	P=0.209N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Males				
	0 ppm Male	300 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
Thyroid Gland: Follicular Cell Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/38.35	0/42.09	0/47.18	1/44.66	1/34.50
POLY-3 PERCENT (g)	0%	0%	0%	2.2%	2.9%
TERMINAL (d)	0/25 (0%)	0/33 (0%)	0/40 (0%)	1/35 (3%)	1/29 (3%)
FIRST INCIDENCE	---	---	---	729 (T)	729 (T)
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex					
Angiectasis					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/48 (0%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	2/25 (8%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/42.64	1/41.33	2/42.30	1/43.04	0/36.29
POLY-3 PERCENT (g)	2.4%	2.4%	4.7%	2.3%	0%
TERMINAL (d)	1/31 (3%)	1/32 (3%)	2/34 (6%)	1/34 (3%)	0/27 (0%)
FIRST INCIDENCE	732 (T)	732 (T)	732 (T)	732 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.288N	P=0.754	P=0.497	P=0.759N	P=0.532N
POLY 1.5	P=0.290N	P=0.755	P=0.497	P=0.760	P=0.533N
POLY 6	P=0.287N	P=0.755	P=0.498	P=0.755N	P=0.532N
RAO-SCOTT	P=0.283N	P=0.736	P=0.498	P=0.745N	P=0.508N
LITTER C-A/FISHERS	P=0.250N	P=0.755	P=0.500	P=0.755	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex Degeneration Cystic					
LESION RATES					
OVERALL (a)	12/50 (24%)	8/50 (16%)	9/50 (18%)	6/50 (12%)	12/48 (25%)
LITTERS (b)	11/25 (44%)	7/25 (28%)	8/25 (32%)	6/25 (24%)	11/25 (44%)
POLY-3 RATE (c)	12/43.03	8/41.33	9/42.54	6/43.04	12/38.97
POLY-3 PERCENT (g)	27.9%	19.4%	21.2%	13.9%	30.8%
TERMINAL (d)	10/31 (32%)	8/32 (25%)	7/34 (21%)	6/34 (18%)	7/27 (26%)
FIRST INCIDENCE	625	732 (T)	701	732 (T)	314
STATISTICAL TESTS					
POLY 3	P=0.229	P=0.252N	P=0.318N	P=0.090N	P=0.482
POLY 1.5	P=0.208	P=0.245N	P=0.318N	P=0.095N	P=0.452
POLY 6	P=0.248	P=0.254N	P=0.314N	P=0.084N	P=0.509
RAO-SCOTT	P=0.218	P=0.246N	P=0.311N	P=0.091N	P=0.469
LITTER C-A/FISHERS	P=0.278	P=0.189N	P=0.280N	P=0.116N	P=0.612

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex Hyperplasia					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	3/48 (6%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	1/42.64	0/41.33	1/42.30	1/43.04	3/36.29
POLY-3 PERCENT (g)	2.4%	0%	2.4%	2.3%	8.3%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	1/34 (3%)	1/34 (3%)	3/27 (11%)
FIRST INCIDENCE	732 (T)	---	732 (T)	732 (T)	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.051	P=0.506N	P=0.759	P=0.759N	P=0.249
POLY 1.5	P=0.050*	P=0.505N	P=0.759	P=0.760	P=0.249
POLY 6	P=0.051	P=0.506N	P=0.760	P=0.755N	P=0.249
RAO-SCOTT	P=0.113	P=0.634N	P=0.785	P=0.787N	P=0.352
LITTER C-A/FISHERS	P=0.223	P=0.500N	P=0.755	P=0.755	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex					
Hyperplasia Focal					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex					
Hypertrophy Focal					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex					
Necrosis					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	2/25 (8%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	1/41.38	2/43.32	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	2.4%	4.6%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	721	344	---	---
STATISTICAL TESTS					
POLY 3	P=0.355N	P=0.494	P=0.240	(e)	(e)
POLY 1.5	P=0.357N	P=0.495	P=0.239	(e)	(e)
POLY 6	P=0.354N	P=0.495	P=0.243	(e)	(e)
RAO-SCOTT	P=0.415N	P=0.589	P=0.351	(e)	(e)
LITTER C-A/FISHERS	P=0.331N	P=0.500	P=0.245	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex Thrombus					
LESION RATES					
OVERALL (a)	2/50 (4%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	2/43.27	2/41.33	0/42.30	1/43.27	0/36.29
POLY-3 PERCENT (g)	4.6%	4.8%	0%	2.3%	0%
TERMINAL (d)	1/31 (3%)	2/32 (6%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	524	732 (T)	---	670	---
STATISTICAL TESTS					
POLY 3	P=0.217N	P=0.678	P=0.242N	P=0.500N	P=0.278N
POLY 1.5	P=0.218N	P=0.682	P=0.241N	P=0.503N	P=0.278N
POLY 6	P=0.216N	P=0.676	P=0.243N	P=0.495N	P=0.279N
RAO-SCOTT	P=0.255N	P=0.680	P=0.311N	P=0.537N	P=0.328N
LITTER C-A/FISHERS	P=0.189N	P=0.695	P=0.245N	P=0.500N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Cortex: Bilateral Hypertrophy Focal					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Medulla Hyperplasia					
LESION RATES					
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/47 (0%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/42.64	2/41.33	1/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	2.4%	4.8%	2.4%	0%	0%
TERMINAL (d)	1/31 (3%)	2/32 (6%)	1/34 (3%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	732 (T)	732 (T)	732 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.215N	P=0.489	P=0.759	P=0.498N	P=0.532N
POLY 1.5	P=0.216N	P=0.492	P=0.759	P=0.500N	P=0.533N
POLY 6	P=0.214N	P=0.490	P=0.760	P=0.495N	P=0.532N
RAO-SCOTT	P=0.256N	P=0.519	P=0.759	P=0.555N	P=0.561N
LITTER C-A/FISHERS	P=0.193N	P=0.500	P=0.755	P=0.500N	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Medulla Hyperplasia Focal					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Adrenal Medulla: Bilateral Hyperplasia Focal					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Blood Vessel					
Aneurysm					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	2/43.18	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	4.6%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	707	---
STATISTICAL TESTS					
POLY 3	P=0.673	(e)	(e)	P=0.241	(e)
POLY 1.5	P=0.671	(e)	(e)	P=0.239	(e)
POLY 6	P=0.670	(e)	(e)	P=0.245	(e)
RAO-SCOTT	P=0.722	(e)	(e)	P=0.398	(e)
LITTER C-A/FISHERS	P=0.731	(e)	(e)	P=0.245	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Blood Vessel Mineral					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/48 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/43.04	2/38.21
POLY-3 PERCENT (g)	0%	0%	0%	0%	5.2%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	37
STATISTICAL TESTS					
POLY 3	P=0.016*	(e)	(e)	(e)	P=0.214
POLY 1.5	P=0.016*	(e)	(e)	(e)	P=0.213
POLY 6	P=0.016*	(e)	(e)	(e)	P=0.214
RAO-SCOTT	P=0.085	(e)	(e)	(e)	P=0.378
LITTER C-A/FISHERS	P=0.019*	(e)	(e)	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Bone Marrow Congestion					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	2.4%	0%	0%	0%	0%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	732 (T)	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Di(2-ethylhexyl) Phthalate
 CAS Number: 117-81-7

Date Report Requested: 06/02/2020
 Time Report Requested: 17:09:53
 First Dose M/F: 06/27/11 / 06/28/11
 Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Bone Marrow					
Hypercellularity					
LESION RATES					
OVERALL (a)	39/50 (78%)	37/50 (74%)	40/50 (80%)	47/50 (94%)	38/50 (76%)
LITTERS (b)	24/25 (96%)	22/25 (88%)	23/25 (92%)	25/25 (100%)	22/25 (88%)
POLY-3 RATE (c)	39/48.94	37/49.73	40/49.67	47/50.00	38/42.00
POLY-3 PERCENT (g)	79.7%	74.4%	80.5%	94%	90.5%
TERMINAL (d)	23/31 (74%)	20/32 (63%)	25/34 (74%)	31/34 (91%)	23/27 (85%)
FIRST INCIDENCE	368	288	284	172	314
STATISTICAL TESTS					
POLY 3	P=0.028*	P=0.350N	P=0.559	P=0.031*	P=0.126
POLY 1.5	P=0.025*	P=0.373N	P=0.535	P=0.025*	P=0.111
POLY 6	P=0.034*	P=0.325N	P=0.584	P=0.040*	P=0.150
RAO-SCOTT	P=0.053	P=0.391N	P=0.576	P=0.065	P=0.172
LITTER C-A/FISHERS	P=0.367N	P=0.305N	P=0.500N	P=0.500	P=0.305N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Bone Marrow Hypocellularity					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	7/50 (14%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	7/43.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	16.2%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	2
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.008**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.007**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.008**
RAO-SCOTT	P=0.006**	(e)	(e)	(e)	P=0.148
LITTER C-A/FISHERS	P=0.002**	(e)	(e)	(e)	P=0.117

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Bone					
Osteopetrosis					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/42.66	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	2.3%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	726	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Bone: Joint, Cartilage Degeneration					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Brain Hemorrhage					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/42.65	1/41.41	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	2.3%	2.4%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	728	713	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Brain					
Necrosis					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	1/49 (2%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	2/43.78	0/41.33	0/42.30	2/44.62	1/37.21
POLY-3 PERCENT (g)	4.6%	0%	0%	4.5%	2.7%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	406	---	---	407	314
STATISTICAL TESTS					
POLY 3	P=0.537	P=0.250N	P=0.245N	P=0.687N	P=0.556N
POLY 1.5	P=0.531	P=0.246N	P=0.243N	P=0.692N	P=0.557N
POLY 6	P=0.537	P=0.252N	P=0.246N	P=0.682N	P=0.559N
RAO-SCOTT	P=0.545	P=0.321N	P=0.320N	P=0.697N	P=0.573N
LITTER C-A/FISHERS	P=0.587	P=0.245N	P=0.245N	P=0.695	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>					
Eye: Anterior Chamber					
Inflammation Acute					
<hr/>					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/35.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Eye: Bilateral, Cornea Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/35.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Eye: Choroid Hyperplasia					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	2/43.04	0/35.94
POLY-3 PERCENT (g)	0%	0%	0%	4.7%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	2/34 (6%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	732 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.662	(e)	(e)	P=0.239	(e)
POLY 1.5	P=0.656	(e)	(e)	P=0.237	(e)
POLY 6	P=0.663	(e)	(e)	P=0.243	(e)
RAO-SCOTT	P=0.710	(e)	(e)	P=0.386	(e)
LITTER C-A/FISHERS	P=0.731	(e)	(e)	P=0.245	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Eye: Cornea					
Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	2/36.86
POLY-3 PERCENT (g)	0%	0%	0%	0%	5.4%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	---	---	---	---	314
STATISTICAL TESTS					
POLY 3	P=0.016*	(e)	(e)	(e)	P=0.206
POLY 1.5	P=0.015*	(e)	(e)	(e)	P=0.203
POLY 6	P=0.016*	(e)	(e)	(e)	P=0.208
RAO-SCOTT	P=0.084	(e)	(e)	(e)	P=0.376
LITTER C-A/FISHERS	P=0.019*	(e)	(e)	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>					
Eye: Iris					
Inflammation Acute					
<hr/>					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/35.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Eye: Retina					
Degeneration					
LESION RATES					
OVERALL (a)	1/50 (2%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/49 (4%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/42.64	1/41.33	1/42.63	0/43.04	2/36.32
POLY-3 PERCENT (g)	2.4%	2.4%	2.4%	0%	5.5%
TERMINAL (d)	1/31 (3%)	1/32 (3%)	0/34 (0%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	732 (T)	732 (T)	640	---	624
STATISTICAL TESTS					
POLY 3	P=0.298	P=0.754	P=0.761	P=0.498N	P=0.444
POLY 1.5	P=0.294	P=0.755	P=0.760	P=0.500N	P=0.439
POLY 6	P=0.301	P=0.755	P=0.759N	P=0.495N	P=0.449
RAO-SCOTT	P=0.288	P=0.741	P=0.751	P=0.517N	P=0.443
LITTER C-A/FISHERS	P=0.334	P=0.755	P=0.755	P=0.500N	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Heart					
Cardiomyopathy					
LESION RATES					
OVERALL (a)	10/49 (20%)	12/50 (24%)	8/50 (16%)	13/49 (27%)	9/48 (19%)
LITTERS (b)	9/25 (36%)	9/25 (36%)	8/25 (32%)	11/25 (44%)	8/25 (32%)
POLY-3 RATE (c)	10/44.48	12/42.00	8/43.29	13/44.26	9/36.75
POLY-3 PERCENT (g)	22.5%	28.6%	18.5%	29.4%	24.5%
TERMINAL (d)	5/31 (16%)	11/32 (34%)	6/34 (18%)	9/34 (27%)	7/27 (26%)
FIRST INCIDENCE	368	509	496	407	655
STATISTICAL TESTS					
POLY 3	P=0.487	P=0.343	P=0.421N	P=0.309	P=0.520
POLY 1.5	P=0.488	P=0.367	P=0.411N	P=0.302	P=0.531
POLY 6	P=0.484	P=0.330	P=0.425N	P=0.327	P=0.512
RAO-SCOTT	P=0.494	P=0.354	P=0.429N	P=0.325	P=0.514
LITTER C-A/FISHERS	P=0.470N	P=0.616	P=0.500N	P=0.387	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Heart					
Mineral					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	2/48 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	2/37.86
POLY-3 PERCENT (g)	0%	0%	0%	0%	5.3%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	314
STATISTICAL TESTS					
POLY 3	P=0.016*	(e)	(e)	(e)	P=0.212
POLY 1.5	P=0.016*	(e)	(e)	(e)	P=0.210
POLY 6	P=0.016*	(e)	(e)	(e)	P=0.214
RAO-SCOTT	P=0.085	(e)	(e)	(e)	P=0.377
LITTER C-A/FISHERS	P=0.019*	(e)	(e)	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Heart Necrosis					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Heart					
Polyarteritis Nodosa					
<hr/>					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Heart: Artery					
Mineral					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>					
Heart: Valve					
Fibrosis					
<hr/>					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Heart: Valve					
Thrombus					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Intestine Large, Cecum Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/49 (2%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	1/41.86	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	2.4%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	1/34 (3%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	732 (T)	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Intestine Large, Colon					
Parasite Metazoan					
LESION RATES					
OVERALL (a)	2/50 (4%)	4/50 (8%)	0/50 (0%)	2/50 (4%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	4/25 (16%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	2/43.27	4/41.41	0/42.30	2/43.08	0/36.29
POLY-3 PERCENT (g)	4.6%	9.7%	0%	4.6%	0%
TERMINAL (d)	1/31 (3%)	3/32 (9%)	0/34 (0%)	1/34 (3%)	0/27 (0%)
FIRST INCIDENCE	524	713	---	721	---
STATISTICAL TESTS					
POLY 3	P=0.150N	P=0.316	P=0.242N	P=0.693	P=0.278N
POLY 1.5	P=0.150N	P=0.323	P=0.241N	P=0.690	P=0.278N
POLY 6	P=0.150N	P=0.315	P=0.243N	P=0.692N	P=0.279N
RAO-SCOTT	P=0.178N	P=0.356	P=0.302N	P=0.694	P=0.319N
LITTER C-A/FISHERS	P=0.116N	P=0.334	P=0.245N	P=0.695	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Intestine Large, Colon					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	2/43.45	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	4.6%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	629	---
STATISTICAL TESTS					
POLY 3	P=0.674	(e)	(e)	P=0.241	(e)
POLY 1.5	P=0.671	(e)	(e)	P=0.238	(e)
POLY 6	P=0.672	(e)	(e)	P=0.247	(e)
RAO-SCOTT	P=0.721	(e)	(e)	P=0.396	(e)
LITTER C-A/FISHERS	P=0.731	(e)	(e)	P=0.245	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Intestine Large, Rectum Hyperplasia Lymphocyte					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Intestine Large, Rectum					
Parasite Metazoan					
LESION RATES					
OVERALL (a)	8/50 (16%)	6/50 (12%)	8/50 (16%)	4/50 (8%)	3/48 (6%)
LITTERS (b)	6/25 (24%)	6/25 (24%)	8/25 (32%)	4/25 (16%)	3/25 (12%)
POLY-3 RATE (c)	8/43.67	6/41.96	8/42.30	4/43.04	3/36.61
POLY-3 PERCENT (g)	18.3%	14.3%	18.9%	9.3%	8.2%
TERMINAL (d)	6/31 (19%)	5/32 (16%)	8/34 (24%)	4/34 (12%)	2/27 (7%)
FIRST INCIDENCE	524	528	732 (T)	732 (T)	642
STATISTICAL TESTS					
POLY 3	P=0.114N	P=0.417N	P=0.581	P=0.182N	P=0.162N
POLY 1.5	P=0.117N	P=0.408N	P=0.590	P=0.184N	P=0.162N
POLY 6	P=0.113N	P=0.420N	P=0.573	P=0.179N	P=0.163N
RAO-SCOTT	P=0.129N	P=0.425N	P=0.577	P=0.205N	P=0.178N
LITTER C-A/FISHERS	P=0.100N	P=0.629	P=0.377	P=0.363N	P=0.232N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Islets, Pancreatic Hyperplasia					
LESION RATES					
OVERALL (a)	3/49 (6%)	2/50 (4%)	7/50 (14%)	4/50 (8%)	0/48 (0%)
LITTERS (b)	3/25 (12%)	2/25 (8%)	7/25 (28%)	4/25 (16%)	0/25 (0%)
POLY-3 RATE (c)	3/42.41	2/41.45	7/43.92	4/43.04	0/36.29
POLY-3 PERCENT (g)	7.1%	4.8%	15.9%	9.3%	0%
TERMINAL (d)	3/31 (10%)	1/32 (3%)	4/34 (12%)	4/34 (12%)	0/27 (0%)
FIRST INCIDENCE	732 (T)	701	500	732 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.086N	P=0.510N	P=0.170	P=0.508	P=0.149N
POLY 1.5	P=0.088N	P=0.505N	P=0.167	P=0.505	P=0.149N
POLY 6	P=0.086N	P=0.510N	P=0.178	P=0.515	P=0.149N
RAO-SCOTT	P=0.089N	P=0.506N	P=0.188	P=0.507	P=0.156N
LITTER C-A/FISHERS	P=0.051N	P=0.500N	P=0.145	P=0.500	P=0.117N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney Infarct					
LESION RATES					
OVERALL (a)	0/50 (0%)	3/50 (6%)	7/50 (14%)	5/50 (10%)	12/48 (25%)
LITTERS (b)	0/25 (0%)	3/25 (12%)	6/25 (24%)	4/25 (16%)	10/25 (40%)
POLY-3 RATE (c)	0/42.64	3/41.45	7/43.32	5/43.40	12/37.98
POLY-3 PERCENT (g)	0%	7.2%	16.2%	11.5%	31.6%
TERMINAL (d)	0/31 (0%)	2/32 (6%)	5/34 (15%)	4/34 (12%)	8/27 (30%)
FIRST INCIDENCE	---	701	344	629	314
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.113	P=0.008**	P=0.032*	P<0.001**
POLY 1.5	P<0.001**	P=0.115	P=0.008**	P=0.031*	P<0.001**
POLY 6	P<0.001**	P=0.114	P=0.008**	P=0.033*	P<0.001**
RAO-SCOTT	P<0.001**	P=0.182	P=0.030*	P=0.075	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.117	P=0.011*	P=0.055	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney Mineral					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney					
Nephropathy Chronic Progressive					
LESION RATES					
OVERALL (a)	42/50 (84%)	36/50 (72%)	41/50 (82%)	45/50 (90%)	37/48 (77%)
LITTERS (b)	24/25 (96%)	21/25 (84%)	23/25 (92%)	24/25 (96%)	21/25 (84%)
POLY-3 RATE (c)	42/49.33	36/47.66	41/46.39	45/48.58	37/40.71
POLY-3 PERCENT (g)	85.1%	75.5%	88.4%	92.6%	90.9%
TERMINAL (d)	26/31 (84%)	23/32 (72%)	32/34 (94%)	32/34 (94%)	25/27 (93%)
FIRST INCIDENCE	368	288	344	172	314
STATISTICAL TESTS					
POLY 3	P=0.091	P=0.168N	P=0.430	P=0.187	P=0.302
POLY 1.5	P=0.096	P=0.144N	P=0.533	P=0.214	P=0.341
POLY 6	P=0.086	P=0.193N	P=0.333	P=0.170	P=0.267
RAO-SCOTT	P=0.140	P=0.223N	P=0.468	P=0.251	P=0.348
LITTER C-A/FISHERS	P=0.247N	P=0.174N	P=0.500N	P=0.755	P=0.174N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Artery					
Mineral					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Papilla Edema					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	38/48 (79%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	20/25 (80%)
POLY-3 RATE (c)	0/42.64	0/41.33	2/42.80	0/43.04	38/40.90
POLY-3 PERCENT (g)	0%	0%	4.7%	0%	92.9%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	1/34 (3%)	0/34 (0%)	25/27 (93%)
FIRST INCIDENCE	---	---	581	---	488
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	P=0.238	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.237	(e)	P<0.001**
POLY 6	P<0.001**	(e)	P=0.240	(e)	P<0.001**
RAO-SCOTT	P<0.001**	(e)	P=0.207	(e)	P<0.001**
LITTER C-A/FISHERS	P<0.001**	(e)	P=0.245	(e)	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Papilla Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/48 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	2/36.76
POLY-3 PERCENT (g)	0%	0%	0%	0%	5.4%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	---	---	---	---	592
STATISTICAL TESTS					
POLY 3	P=0.015*	(e)	(e)	(e)	P=0.205
POLY 1.5	P=0.015*	(e)	(e)	(e)	P=0.203
POLY 6	P=0.015*	(e)	(e)	(e)	P=0.207
RAO-SCOTT	P=0.079	(e)	(e)	(e)	P=0.365
LITTER C-A/FISHERS	P=0.019*	(e)	(e)	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Papilla, Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	4/50 (8%)	15/48 (31%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	2/25 (8%)	3/25 (12%)	11/25 (44%)
POLY-3 RATE (c)	2/42.95	1/41.33	2/42.30	4/43.04	15/37.14
POLY-3 PERCENT (g)	4.7%	2.4%	4.7%	9.3%	40.4%
TERMINAL (d)	1/31 (3%)	1/32 (3%)	2/34 (6%)	4/34 (12%)	12/27 (44%)
FIRST INCIDENCE	645	732 (T)	732 (T)	732 (T)	616
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.513N	P=0.689	P=0.338	P<0.001**
POLY 1.5	P<0.001**	P=0.510N	P=0.690	P=0.335	P<0.001**
POLY 6	P<0.001**	P=0.515N	P=0.688	P=0.342	P<0.001**
RAO-SCOTT	P<0.001**	P=0.564N	P=0.700	P=0.407	P=0.002**
LITTER C-A/FISHERS	P<0.001**	P=0.500N	P=0.695	P=0.500	P=0.004**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Pelvis Dilation					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/48 (2%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	1/36.69
POLY-3 PERCENT (g)	0%	0%	0%	0%	2.7%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	616
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Renal Tubule Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/48 (2%)
LITTERS (b)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/43.78	1/41.80	0/42.30	0/43.04	1/36.29
POLY-3 PERCENT (g)	4.6%	2.4%	0%	0%	2.8%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	406	592	---	---	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.645N	P=0.516N	P=0.245N	P=0.241N	P=0.565N
POLY 1.5	P=0.646N	P=0.512N	P=0.243N	P=0.241N	P=0.563N
POLY 6	P=0.644N	P=0.517N	P=0.246N	P=0.239N	P=0.569N
RAO-SCOTT	P=0.660N	P=0.556N	P=0.329N	P=0.327N	P=0.584N
LITTER C-A/FISHERS	P=0.626N	P=0.500N	P=0.245N	P=0.245N	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Renal Tubule Cyst					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	7/48 (15%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	6/25 (24%)
POLY-3 RATE (c)	0/42.64	0/41.33	2/42.30	0/43.04	7/37.84
POLY-3 PERCENT (g)	0%	0%	4.7%	0%	18.5%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	2/34 (6%)	0/34 (0%)	4/27 (15%)
FIRST INCIDENCE	---	---	732 (T)	---	488
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	P=0.235	(e)	P=0.004**
POLY 1.5	P<0.001**	(e)	P=0.235	(e)	P=0.004**
POLY 6	P<0.001**	(e)	P=0.236	(e)	P=0.004**
RAO-SCOTT	P<0.001**	(e)	P=0.369	(e)	P=0.031*
LITTER C-A/FISHERS	P<0.001**	(e)	P=0.245	(e)	P=0.011*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Kidney: Renal Tubule Dilation					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	3/48 (6%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	3/37.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	8.1%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	2/27 (7%)
FIRST INCIDENCE	---	---	---	---	37
STATISTICAL TESTS					
POLY 3	P=0.002**	(e)	(e)	(e)	P=0.096
POLY 1.5	P=0.002**	(e)	(e)	(e)	P=0.095
POLY 6	P=0.002**	(e)	(e)	(e)	P=0.096
RAO-SCOTT	P=0.018*	(e)	(e)	(e)	P=0.216
LITTER C-A/FISHERS	P=0.002**	(e)	(e)	(e)	P=0.117

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver					
Angiectasis					
LESION RATES					
OVERALL (a)	1/49 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/48 (4%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	1/42.41	0/41.33	0/42.30	0/43.04	2/36.35
POLY-3 PERCENT (g)	2.4%	0%	0%	0%	5.5%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	732 (T)	---	---	---	718
STATISTICAL TESTS					
POLY 3	P=0.093	P=0.505N	P=0.501N	P=0.497N	P=0.446
POLY 1.5	P=0.092	P=0.503N	P=0.499N	P=0.498N	P=0.447
POLY 6	P=0.093	P=0.506N	P=0.501N	P=0.494N	P=0.446
RAO-SCOTT	P=0.154	P=0.610N	P=0.611N	P=0.612N	P=0.507
LITTER C-A/FISHERS	P=0.107	P=0.500N	P=0.500N	P=0.500N	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver					
Basophilic Focus					
LESION RATES					
OVERALL (a)	4/49 (8%)	5/50 (10%)	3/50 (6%)	2/50 (4%)	10/48 (21%)
LITTERS (b)	3/25 (12%)	4/25 (16%)	3/25 (12%)	2/25 (8%)	9/25 (36%)
POLY-3 RATE (c)	4/42.41	5/41.45	3/42.42	2/43.04	10/36.53
POLY-3 PERCENT (g)	9.4%	12.1%	7.1%	4.7%	27.4%
TERMINAL (d)	4/31 (13%)	4/32 (13%)	2/34 (6%)	2/34 (6%)	8/27 (30%)
FIRST INCIDENCE	732 (T)	701	701	732 (T)	685
STATISTICAL TESTS					
POLY 3	P=0.006**	P=0.486	P=0.500N	P=0.330N	P=0.035*
POLY 1.5	P=0.006**	P=0.493	P=0.498N	P=0.333N	P=0.036*
POLY 6	P=0.005**	P=0.486	P=0.499N	P=0.323N	P=0.034*
RAO-SCOTT	P=0.010**	P=0.498	P=0.514N	P=0.363N	P=0.058
LITTER C-A/FISHERS	P=0.009**	P=0.500	P=0.666	P=0.500N	P=0.048*

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver					
Clear Cell Focus					
LESION RATES					
OVERALL (a)	14/49 (29%)	18/50 (36%)	15/50 (30%)	11/50 (22%)	8/48 (17%)
LITTERS (b)	12/25 (48%)	15/25 (60%)	13/25 (52%)	11/25 (44%)	6/25 (24%)
POLY-3 RATE (c)	14/42.41	18/41.33	15/42.63	11/43.04	8/36.29
POLY-3 PERCENT (g)	33%	43.6%	35.2%	25.6%	22.1%
TERMINAL (d)	14/31 (45%)	18/32 (56%)	14/34 (41%)	11/34 (32%)	8/27 (30%)
FIRST INCIDENCE	732 (T)	732 (T)	640	732 (T)	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.054N	P=0.217	P=0.507	P=0.301N	P=0.203N
POLY 1.5	P=0.058N	P=0.237	P=0.509	P=0.309N	P=0.205N
POLY 6	P=0.051N	P=0.209	P=0.514	P=0.284N	P=0.202N
RAO-SCOTT	P=0.052N	P=0.217	P=0.497	P=0.296N	P=0.196N
LITTER C-A/FISHERS	P=0.009N**	P=0.285	P=0.500	P=0.500N	P=0.070N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver Degeneration Cystic					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/48 (2%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	1/43.04	1/36.29
POLY-3 PERCENT (g)	0%	0%	0%	2.3%	2.8%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	1/34 (3%)	1/27 (4%)
FIRST INCIDENCE	---	---	---	732 (T)	732 (T)
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver					
Eosinophilic Focus					
LESION RATES					
OVERALL (a)	3/49 (6%)	4/50 (8%)	4/50 (8%)	7/50 (14%)	12/48 (25%)
LITTERS (b)	2/25 (8%)	4/25 (16%)	4/25 (16%)	7/25 (28%)	10/25 (40%)
POLY-3 RATE (c)	3/42.73	4/41.80	4/42.59	7/43.04	12/37.61
POLY-3 PERCENT (g)	7%	9.6%	9.4%	16.3%	31.9%
TERMINAL (d)	2/31 (7%)	3/32 (9%)	3/34 (9%)	7/34 (21%)	7/27 (26%)
FIRST INCIDENCE	645	592	651	732 (T)	592
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.488	P=0.498	P=0.159	P=0.004**
POLY 1.5	P<0.001**	P=0.494	P=0.501	P=0.159	P=0.004**
POLY 6	P<0.001**	P=0.488	P=0.498	P=0.161	P=0.004**
RAO-SCOTT	P<0.001**	P=0.490	P=0.501	P=0.182	P=0.009**
LITTER C-A/FISHERS	P=0.004**	P=0.334	P=0.334	P=0.069	P=0.009**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver					
Extramedullary Hematopoiesis					
LESION RATES					
OVERALL (a)	7/49 (14%)	6/50 (12%)	3/50 (6%)	4/50 (8%)	4/48 (8%)
LITTERS (b)	7/25 (28%)	6/25 (24%)	3/25 (12%)	4/25 (16%)	4/25 (16%)
POLY-3 RATE (c)	7/43.96	6/43.56	3/43.36	4/43.26	4/37.40
POLY-3 PERCENT (g)	15.9%	13.8%	6.9%	9.3%	10.7%
TERMINAL (d)	2/31 (7%)	3/32 (9%)	1/34 (3%)	2/34 (6%)	0/27 (0%)
FIRST INCIDENCE	592	396	284	701	616
STATISTICAL TESTS					
POLY 3	P=0.409N	P=0.507N	P=0.162N	P=0.269N	P=0.360N
POLY 1.5	P=0.413N	P=0.499N	P=0.156N	P=0.265N	P=0.358N
POLY 6	P=0.405N	P=0.515N	P=0.170N	P=0.273N	P=0.364N
RAO-SCOTT	P=0.406N	P=0.496N	P=0.158N	P=0.262N	P=0.343N
LITTER C-A/FISHERS	P=0.305N	P=0.500N	P=0.145N	P=0.248N	P=0.248N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver					
Hepatodiaphragmatic Nodule					
LESION RATES					
OVERALL (a)	2/49 (4%)	3/50 (6%)	3/50 (6%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	3/25 (12%)	3/25 (12%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/42.41	3/41.93	3/42.91	0/43.04	0/36.29
POLY-3 PERCENT (g)	4.7%	7.2%	7%	0%	0%
TERMINAL (d)	2/31 (7%)	1/32 (3%)	2/34 (6%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	732 (T)	592	533	---	---
STATISTICAL TESTS					
POLY 3	P=0.081N	P=0.495	P=0.505	P=0.234N	P=0.273N
POLY 1.5	P=0.082N	P=0.497	P=0.505	P=0.235N	P=0.273N
POLY 6	P=0.081N	P=0.498	P=0.508	P=0.231N	P=0.274N
RAO-SCOTT	P=0.115N	P=0.519	P=0.531	P=0.301N	P=0.320N
LITTER C-A/FISHERS	P=0.064N	P=0.500	P=0.500	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver					
Mixed Cell Focus					
LESION RATES					
OVERALL (a)	0/49 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	2/41.33	1/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	4.8%	2.4%	0%	0%
TERMINAL (d)	0/31 (0%)	2/32 (6%)	1/34 (3%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	732 (T)	732 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.317N	P=0.231	P=0.499	(e)	(e)
POLY 1.5	P=0.317N	P=0.234	P=0.501	(e)	(e)
POLY 6	P=0.317N	P=0.230	P=0.499	(e)	(e)
RAO-SCOTT	P=0.384N	P=0.345	P=0.608	(e)	(e)
LITTER C-A/FISHERS	P=0.292N	P=0.245	P=0.500	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver Necrosis					
LESION RATES					
OVERALL (a)	3/49 (6%)	9/50 (18%)	3/50 (6%)	7/50 (14%)	8/48 (17%)
LITTERS (b)	3/25 (12%)	7/25 (28%)	2/25 (8%)	7/25 (28%)	6/25 (24%)
POLY-3 RATE (c)	3/43.06	9/45.34	3/44.04	7/44.61	8/38.97
POLY-3 PERCENT (g)	7%	19.9%	6.8%	15.7%	20.5%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	0/34 (0%)	2/34 (6%)	0/27 (0%)
FIRST INCIDENCE	524	415	500	407	488
STATISTICAL TESTS					
POLY 3	P=0.115	P=0.071	P=0.652N	P=0.171	P=0.068
POLY 1.5	P=0.107	P=0.067	P=0.654N	P=0.166	P=0.064
POLY 6	P=0.124	P=0.080	P=0.647N	P=0.181	P=0.075
RAO-SCOTT	P=0.150	P=0.118	P=0.660N	P=0.227	P=0.112
LITTER C-A/FISHERS	P=0.272	P=0.145	P=0.500N	P=0.145	P=0.232

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver Pigment					
LESION RATES					
OVERALL (a)	0/49 (0%)	6/50 (12%)	14/50 (28%)	36/50 (72%)	40/48 (83%)
LITTERS (b)	0/25 (0%)	6/25 (24%)	12/25 (48%)	23/25 (92%)	22/25 (88%)
POLY-3 RATE (c)	0/42.41	6/41.33	14/43.55	36/44.99	40/40.43
POLY-3 PERCENT (g)	0%	14.5%	32.1%	80%	98.9%
TERMINAL (d)	0/31 (0%)	6/32 (19%)	11/34 (32%)	30/34 (88%)	27/27 (100%)
FIRST INCIDENCE	---	732 (T)	581	359	488
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.014*	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.014*	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.013*	P<0.001**	P<0.001**	P<0.001**
RAO-SCOTT	P<0.001**	P=0.013*	P<0.001**	P<0.001**	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.011*	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Bile Duct Cyst					
LESION RATES					
OVERALL (a)	0/49 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	1/25 (4%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	1/41.33	1/42.30	2/43.04	0/36.29
POLY-3 PERCENT (g)	0%	2.4%	2.4%	4.7%	0%
TERMINAL (d)	0/31 (0%)	1/32 (3%)	1/34 (3%)	2/34 (6%)	0/27 (0%)
FIRST INCIDENCE	---	732 (T)	732 (T)	732 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.523N	P=0.495	P=0.499	P=0.240	(e)
POLY 1.5	P=0.523N	P=0.497	P=0.501	P=0.239	(e)
POLY 6	P=0.524N	P=0.494	P=0.499	P=0.243	(e)
RAO-SCOTT	P=0.509N	P=0.544	P=0.553	P=0.307	(e)
LITTER C-A/FISHERS	P=0.465N	P=0.500	P=0.500	P=0.245	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Bile Duct Dilation					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	3/25 (12%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	1/42.30	3/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	2.4%	7%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	1/34 (3%)	3/34 (9%)	0/27 (0%)
FIRST INCIDENCE	---	---	732 (T)	732 (T)	---
STATISTICAL TESTS					
POLY 3	P=0.676N	(e)	P=0.499	P=0.121	(e)
POLY 1.5	P=0.678N	(e)	P=0.501	P=0.120	(e)
POLY 6	P=0.678N	(e)	P=0.499	P=0.123	(e)
RAO-SCOTT	P=0.648N	(e)	P=0.590	P=0.209	(e)
LITTER C-A/FISHERS	P=0.611N	(e)	P=0.500	P=0.117	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Bile Duct Hyperplasia					
LESION RATES					
OVERALL (a)	9/49 (18%)	13/50 (26%)	13/50 (26%)	21/50 (42%)	8/48 (17%)
LITTERS (b)	7/25 (28%)	11/25 (44%)	11/25 (44%)	17/25 (68%)	6/25 (24%)
POLY-3 RATE (c)	9/43.28	13/42.20	13/42.63	21/43.97	8/36.35
POLY-3 PERCENT (g)	20.8%	30.8%	30.5%	47.8%	22%
TERMINAL (d)	7/31 (23%)	10/32 (31%)	12/34 (35%)	18/34 (53%)	7/27 (26%)
FIRST INCIDENCE	561	592	640	629	718
STATISTICAL TESTS					
POLY 3	P=0.447N	P=0.207	P=0.216	P=0.006**	P=0.556
POLY 1.5	P=0.442N	P=0.219	P=0.227	P=0.006**	P=0.564
POLY 6	P=0.467N	P=0.205	P=0.207	P=0.006**	P=0.543
RAO-SCOTT	P=0.400N	P=0.218	P=0.227	P=0.011*	P=0.544
LITTER C-A/FISHERS	P=0.166N	P=0.189	P=0.189	P=0.005**	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Hepatocyte Cytoplasmic Alteration					
LESION RATES					
OVERALL (a)	0/49 (0%)	4/50 (8%)	7/50 (14%)	39/50 (78%)	39/48 (81%)
LITTERS (b)	0/25 (0%)	4/25 (16%)	7/25 (28%)	24/25 (96%)	22/25 (88%)
POLY-3 RATE (c)	0/42.41	4/41.33	7/43.09	39/46.16	39/40.79
POLY-3 PERCENT (g)	0%	9.7%	16.2%	84.5%	95.6%
TERMINAL (d)	0/31 (0%)	4/32 (13%)	5/34 (15%)	30/34 (88%)	27/27 (100%)
FIRST INCIDENCE	---	732 (T)	581	359	8
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.056	P=0.008**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.058	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.056	P=0.008**	P<0.001**	P<0.001**
RAO-SCOTT	P<0.001**	P=0.050*	P=0.008**	P<0.001**	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.055	P=0.005**	P<0.001**	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Liver: Hepatocyte Hypertrophy					
LESION RATES					
OVERALL (a)	0/49 (0%)	2/50 (4%)	5/50 (10%)	9/50 (18%)	34/48 (71%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	5/25 (20%)	7/25 (28%)	21/25 (84%)
POLY-3 RATE (c)	0/42.41	2/42.06	5/43.95	9/44.56	34/39.71
POLY-3 PERCENT (g)	0%	4.8%	11.4%	20.2%	85.6%
TERMINAL (d)	0/31 (0%)	1/32 (3%)	2/34 (6%)	5/34 (15%)	27/27 (100%)
FIRST INCIDENCE	---	477	344	359	8
STATISTICAL TESTS					
POLY 3	P<0.001**	P=0.235	P=0.033*	P=0.002**	P<0.001**
POLY 1.5	P<0.001**	P=0.236	P=0.033*	P=0.002**	P<0.001**
POLY 6	P<0.001**	P=0.236	P=0.034*	P=0.002**	P<0.001**
RAO-SCOTT	P<0.001**	P=0.218	P=0.036*	P=0.003**	P<0.001**
LITTER C-A/FISHERS	P<0.001**	P=0.245	P=0.025*	P=0.005**	P<0.001**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung					
Infiltration Cellular Histiocyte					
LESION RATES					
OVERALL (a)	45/49 (92%)	48/50 (96%)	49/50 (98%)	47/49 (96%)	42/48 (88%)
LITTERS (b)	24/25 (96%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	22/25 (88%)
POLY-3 RATE (c)	45/48.81	48/50.00	49/49.10	47/48.25	42/42.00
POLY-3 PERCENT (g)	92.2%	96%	99.8%	97.4%	100%
TERMINAL (d)	29/31 (94%)	30/32 (94%)	34/34 (100%)	34/34 (100%)	27/27 (100%)
FIRST INCIDENCE	368	288	284	172	314
STATISTICAL TESTS					
POLY 3	P=0.111	P=0.352	P=0.072	P=0.233	P=0.087
POLY 1.5	P=0.115	P=0.341	P=0.089	P=0.272	P=0.086
POLY 6	P=0.110	P=0.375	P=0.069	P=0.198	P=0.093
RAO-SCOTT	P=0.204	P=0.456	P=0.184	P=0.360	P=0.191
LITTER C-A/FISHERS	P=0.020N*	P=0.500	P=0.500	P=0.500	P=0.305N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung Inflammation Acute					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/49 (2%)	2/50 (4%)	1/50 (2%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	1/42.73	2/42.02	1/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	2.3%	4.8%	2.4%	0%	0%
TERMINAL (d)	0/31 (0%)	1/32 (3%)	1/34 (3%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	645	497	732 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.214N	P=0.494	P=0.759	P=0.502N	P=0.532N
POLY 1.5	P=0.215N	P=0.497	P=0.760	P=0.503N	P=0.531N
POLY 6	P=0.214N	P=0.494	P=0.757	P=0.499N	P=0.534N
RAO-SCOTT	P=0.254N	P=0.527	P=0.761	P=0.562N	P=0.560N
LITTER C-A/FISHERS	P=0.193N	P=0.500	P=0.755	P=0.500N	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung					
Inflammation Granulomatous					
LESION RATES					
OVERALL (a)	8/49 (16%)	7/50 (14%)	8/50 (16%)	10/49 (20%)	7/48 (15%)
LITTERS (b)	6/25 (24%)	6/25 (24%)	7/25 (28%)	9/25 (36%)	7/25 (28%)
POLY-3 RATE (c)	8/42.45	7/41.33	8/42.76	10/42.73	7/36.35
POLY-3 PERCENT (g)	18.9%	16.9%	18.7%	23.4%	19.3%
TERMINAL (d)	7/31 (23%)	7/32 (22%)	7/34 (21%)	8/34 (24%)	6/27 (22%)
FIRST INCIDENCE	724	732 (T)	596	670	718
STATISTICAL TESTS					
POLY 3	P=0.486	P=0.523N	P=0.603N	P=0.402	P=0.595
POLY 1.5	P=0.481	P=0.511N	P=0.601N	P=0.391	P=0.594
POLY 6	P=0.484	P=0.525N	P=0.599N	P=0.424	P=0.593
RAO-SCOTT	P=0.486	P=0.516N	P=0.594N	P=0.405	P=0.580
LITTER C-A/FISHERS	P=0.453	P=0.629	P=0.500	P=0.269	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung					
Mineral					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung Thrombus					
LESION RATES					
OVERALL (a)	0/49 (0%)	2/50 (4%)	1/50 (2%)	0/49 (0%)	1/48 (2%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	0/42.41	2/42.81	1/42.99	0/42.40	1/36.56
POLY-3 PERCENT (g)	0%	4.7%	2.3%	0%	2.7%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	415	496	---	659
STATISTICAL TESTS					
POLY 3	P=0.634	P=0.239	P=0.503	(e)	P=0.470
POLY 1.5	P=0.633	P=0.239	P=0.502	(e)	P=0.470
POLY 6	P=0.635	P=0.241	P=0.504	(e)	P=0.471
RAO-SCOTT	P=0.626	P=0.318	P=0.573	(e)	P=0.519
LITTER C-A/FISHERS	P=0.676	P=0.245	P=0.500	(e)	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung: Alveolar Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/42.73	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	4.7%	0%	0%	0%	0%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	645	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.330N	P=0.244N	P=0.239N	P=0.239N	P=0.275N
POLY 1.5	P=0.334N	P=0.241N	P=0.237N	P=0.240N	P=0.274N
POLY 6	P=0.328N	P=0.246N	P=0.241N	P=0.236N	P=0.277N
RAO-SCOTT	P=0.453N	P=0.393N	P=0.392N	P=0.395N	P=0.404N
LITTER C-A/FISHERS	P=0.335N	P=0.245N	P=0.245N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lung: Artery					
Mineral					
<hr/>					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/42.40	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lymph Node, Mandibular Atrophy					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/49 (0%)	0/50 (0%)	0/46 (0%)	3/42 (7%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	3/25 (12%)
POLY-3 RATE (c)	0/42.41	0/41.02	0/42.30	0/40.32	3/36.85
POLY-3 PERCENT (g)	0%	0%	0%	0%	8.1%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/33 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	2
STATISTICAL TESTS					
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.094
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.091
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.097
RAO-SCOTT	P=0.032*	(e)	(e)	(e)	P=0.259
LITTER C-A/FISHERS	P=0.002**	(e)	(e)	(e)	P=0.117

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Lymph Node, Mesenteric Atrophy					
LESION RATES					
OVERALL (a)	1/49 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	4/47 (9%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/24 (8%)
POLY-3 RATE (c)	1/42.44	0/41.33	0/42.30	0/42.87	4/40.29
POLY-3 PERCENT (g)	2.4%	0%	0%	0%	9.9%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	725	---	---	---	2
STATISTICAL TESTS					
POLY 3	P=0.002**	P=0.505N	P=0.501N	P=0.498N	P=0.162
POLY 1.5	P=0.002**	P=0.503N	P=0.500N	P=0.500N	P=0.161
POLY 6	P=0.002**	P=0.506N	P=0.501N	P=0.495N	P=0.163
RAO-SCOTT	P=0.066	P=0.749N	P=0.751N	P=0.757N	P=0.374
LITTER C-A/FISHERS	P=0.099	P=0.500N	P=0.500N	P=0.500N	P=0.484

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

Lymph Node: Lumbar
Infiltration Cellular Plasma Cell

LESION RATES

OVERALL (a)	0/0 (0%)	0/4 (0%)	2/4 (50%)	0/2 (0%)	0/2 (0%)
LITTERS (b)	0/0 (0%)	0/4 (0%)	2/4 (50%)	0/2 (0%)	0/2 (0%)
POLY-3 RATE (c)	0/0.00	0/2.65	2/4.00	0/2.00	0/0.97
POLY-3 PERCENT (g)	0%	0%	50%	0%	0%
TERMINAL (d)	0/0 (0%)	0/2 (0%)	0/2 (0%)	0/2 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	500	---	---

STATISTICAL TESTS

POLY 3	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)
RAO-SCOTT	(e)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(e)	(e)	(e)	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Mammary Gland					
Galactocele					
LESION RATES					
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	3/50 (6%)	1/47 (2%)
LITTERS (b)	2/25 (8%)	2/25 (8%)	1/25 (4%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	2/42.64	2/42.55	1/42.30	3/43.14	1/36.29
POLY-3 PERCENT (g)	4.7%	4.7%	2.4%	7%	2.8%
TERMINAL (d)	2/31 (7%)	0/32 (0%)	1/34 (3%)	2/34 (6%)	1/27 (4%)
FIRST INCIDENCE	732 (T)	477	732 (T)	707	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.514N	P=0.693	P=0.503N	P=0.505	P=0.556N
POLY 1.5	P=0.515N	P=0.692	P=0.503N	P=0.500	P=0.557N
POLY 6	P=0.516N	P=0.690N	P=0.502N	P=0.514	P=0.556N
RAO-SCOTT	P=0.493N	P=0.677	P=0.493N	P=0.499	P=0.533N
LITTER C-A/FISHERS	P=0.439N	P=0.695	P=0.500N	P=0.500	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Mammary Gland Hyperplasia					
LESION RATES					
OVERALL (a)	16/50 (32%)	20/50 (40%)	15/50 (30%)	23/50 (46%)	10/47 (21%)
LITTERS (b)	14/25 (56%)	16/25 (64%)	13/25 (52%)	19/25 (76%)	8/25 (32%)
POLY-3 RATE (c)	16/43.78	20/43.30	15/43.69	23/44.00	10/36.29
POLY-3 PERCENT (g)	36.5%	46.2%	34.3%	52.3%	27.6%
TERMINAL (d)	12/31 (39%)	15/32 (47%)	12/34 (35%)	17/34 (50%)	10/27 (37%)
FIRST INCIDENCE	524	497	284	629	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.166N	P=0.240	P=0.503N	P=0.097	P=0.268N
POLY 1.5	P=0.163N	P=0.243	P=0.501N	P=0.095	P=0.265N
POLY 6	P=0.181N	P=0.251	P=0.503N	P=0.110	P=0.280N
RAO-SCOTT	P=0.147N	P=0.239	P=0.494N	P=0.102	P=0.260N
LITTER C-A/FISHERS	P=0.021N*	P=0.387	P=0.500N	P=0.116	P=0.077N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Mesentery					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	0/1 (0%)	0/1 (0%)	0/1 (0%)	2/2 (100%)	0/1 (0%)
LITTERS (b)	0/1 (0%)	0/1 (0%)	0/1 (0%)	2/2 (100%)	0/1 (0%)
POLY-3 RATE (c)	0/0.68	0/1.00	0/1.00	2/2.00	0/0.94
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	707	---
STATISTICAL TESTS					
POLY 3	P=0.798	(e)	(e)	P=0.333	(e)
POLY 1.5	P=0.798	(e)	(e)	P=0.333	(e)
POLY 6	P=0.798	(e)	(e)	P=0.333	(e)
RAO-SCOTT	P=0.803	(e)	(e)	P=0.329	(e)
LITTER C-A/FISHERS	P=0.798	(e)	(e)	P=0.333	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Mesentery: Artery					
Mineral					
LESION RATES					
OVERALL (a)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)
LITTERS (b)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)
POLY-3 RATE (c)	0/0.68	0/1.00	0/1.00	0/1.86	0/0.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>					
Nose Inflammation					
<hr/>					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Nose					
Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Nose					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	1/50 (2%)	6/50 (12%)	2/50 (4%)	3/50 (6%)	0/50 (0%)
LITTERS (b)	1/25 (4%)	6/25 (24%)	2/25 (8%)	3/25 (12%)	0/25 (0%)
POLY-3 RATE (c)	1/42.95	6/42.15	2/43.19	3/43.51	0/36.29
POLY-3 PERCENT (g)	2.3%	14.2%	4.6%	6.9%	0%
TERMINAL (d)	0/31 (0%)	5/32 (16%)	1/34 (3%)	2/34 (6%)	0/27 (0%)
FIRST INCIDENCE	645	415	344	592	---
STATISTICAL TESTS					
POLY 3	P=0.110N	P=0.052	P=0.502	P=0.310	P=0.533N
POLY 1.5	P=0.111N	P=0.053	P=0.501	P=0.305	P=0.534N
POLY 6	P=0.111N	P=0.052	P=0.502	P=0.316	P=0.535N
RAO-SCOTT	P=0.119N	P=0.079	P=0.519	P=0.342	P=0.523N
LITTER C-A/FISHERS	P=0.071N	P=0.049*	P=0.500	P=0.305	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Nose: Olfactory Epithelium Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	50/50 (100%)	48/50 (96%)	49/50 (98%)	49/50 (98%)	41/50 (82%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	22/25 (88%)
POLY-3 RATE (c)	50/50.00	48/49.96	49/49.31	49/49.01	41/41.82
POLY-3 PERCENT (g)	100%	96.1%	99.4%	100%	98%
TERMINAL (d)	31/31 (100%)	31/32 (97%)	34/34 (100%)	34/34 (100%)	27/27 (100%)
FIRST INCIDENCE	368	288	284	359	314
STATISTICAL TESTS					
POLY 3	P=0.663N	P=0.242N	P=0.986N	P=1.000N	P=0.552N
POLY 1.5	P=0.632N	P=0.240N	P=0.784N	P=1.000N	P=0.499N
POLY 6	P=0.715N	P=0.248N	P=1.000N	P=1.000N	P=0.654N
RAO-SCOTT	P=0.663N	P=0.375N	P=0.952N	P=1.000N	P=0.645N
LITTER C-A/FISHERS	P=0.002N**	P=1.000	P=1.000	P=1.000	P=0.117N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Nose: Olfactory Epithelium Metaplasia Respiratory					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Nose: Respiratory Epithelium Accumulation, Hyaline Droplet					
LESION RATES					
OVERALL (a)	11/50 (22%)	6/50 (12%)	10/50 (20%)	3/50 (6%)	1/50 (2%)
LITTERS (b)	10/25 (40%)	5/25 (20%)	9/25 (36%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	11/44.81	6/43.92	10/44.46	3/43.04	1/36.29
POLY-3 PERCENT (g)	24.6%	13.7%	22.5%	7%	2.8%
TERMINAL (d)	6/31 (19%)	2/32 (6%)	5/34 (15%)	3/34 (9%)	1/27 (4%)
FIRST INCIDENCE	368	288	284	732 (T)	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.006N**	P=0.150N	P=0.508N	P=0.023N*	P=0.006N**
POLY 1.5	P=0.006N**	P=0.148N	P=0.505N	P=0.022N*	P=0.006N**
POLY 6	P=0.007N**	P=0.149N	P=0.511N	P=0.023N*	P=0.007N**
RAO-SCOTT	P=0.010N**	P=0.177N	P=0.514N	P=0.038N*	P=0.013N*
LITTER C-A/FISHERS	P=0.003N**	P=0.108N	P=0.500N	P=0.025N*	P=0.002N**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary Atrophy					
LESION RATES					
OVERALL (a)	40/50 (80%)	35/50 (70%)	30/50 (60%)	28/50 (56%)	19/48 (40%)
LITTERS (b)	23/25 (92%)	23/25 (92%)	22/25 (88%)	19/25 (76%)	13/25 (52%)
POLY-3 RATE (c)	40/48.54	35/46.25	30/46.03	28/46.51	19/38.60
POLY-3 PERCENT (g)	82.4%	75.7%	65.2%	60.2%	49.2%
TERMINAL (d)	26/31 (84%)	24/32 (75%)	21/34 (62%)	20/34 (59%)	11/27 (41%)
FIRST INCIDENCE	368	415	533	407	576
STATISTICAL TESTS					
POLY 3	P<0.001N**	P=0.284N	P=0.041N*	P=0.012N*	P<0.001N**
POLY 1.5	P<0.001N**	P=0.250N	P=0.035N*	P=0.011N*	P<0.001N**
POLY 6	P<0.001N**	P=0.305N	P=0.044N*	P=0.011N*	P<0.001N**
RAO-SCOTT	P=0.002N**	P=0.313N	P=0.063N	P=0.023N*	P=0.002N**
LITTER C-A/FISHERS	P<0.001N**	P=0.695	P=0.500N	P=0.123N	P=0.002N**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary: Bilateral Atrophy					
LESION RATES					
OVERALL (a)	40/50 (80%)	35/50 (70%)	30/50 (60%)	28/50 (56%)	19/48 (40%)
LITTERS (b)	23/25 (92%)	23/25 (92%)	22/25 (88%)	19/25 (76%)	13/25 (52%)
POLY-3 RATE (c)	40/48.54	35/46.25	30/46.03	28/46.51	19/38.60
POLY-3 PERCENT (g)	82.4%	75.7%	65.2%	60.2%	49.2%
TERMINAL (d)	26/31 (84%)	24/32 (75%)	21/34 (62%)	20/34 (59%)	11/27 (41%)
FIRST INCIDENCE	368	415	533	407	576
STATISTICAL TESTS					
POLY 3	P<0.001N**	P=0.284N	P=0.041N*	P=0.012N*	P<0.001N**
POLY 1.5	P<0.001N**	P=0.250N	P=0.035N*	P=0.011N*	P<0.001N**
POLY 6	P<0.001N**	P=0.305N	P=0.044N*	P=0.011N*	P<0.001N**
RAO-SCOTT	P=0.002N**	P=0.313N	P=0.063N	P=0.023N*	P=0.002N**
LITTER C-A/FISHERS	P<0.001N**	P=0.695	P=0.500N	P=0.123N	P=0.002N**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary: Bilateral, Follicle Cyst					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)	4/48 (8%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	3/25 (12%)	3/25 (12%)
POLY-3 RATE (c)	1/42.64	0/41.33	0/42.30	3/43.31	4/36.29
POLY-3 PERCENT (g)	2.4%	0%	0%	6.9%	11%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	0/34 (0%)	1/34 (3%)	4/27 (15%)
FIRST INCIDENCE	732 (T)	---	---	670	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.008**	P=0.506N	P=0.502N	P=0.311	P=0.133
POLY 1.5	P=0.007**	P=0.505N	P=0.502N	P=0.306	P=0.132
POLY 6	P=0.007**	P=0.506N	P=0.501N	P=0.319	P=0.132
RAO-SCOTT	P=0.035*	P=0.633N	P=0.634N	P=0.420	P=0.233
LITTER C-A/FISHERS	P=0.053	P=0.500N	P=0.500N	P=0.305	P=0.305

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary: Bursa Cyst					
LESION RATES					
OVERALL (a)	4/50 (8%)	5/50 (10%)	1/50 (2%)	2/50 (4%)	1/48 (2%)
LITTERS (b)	3/25 (12%)	5/25 (20%)	1/25 (4%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	4/43.35	5/41.60	1/42.30	2/43.14	1/36.29
POLY-3 PERCENT (g)	9.2%	12%	2.4%	4.6%	2.8%
TERMINAL (d)	2/31 (7%)	4/32 (13%)	1/34 (3%)	1/34 (3%)	1/27 (4%)
FIRST INCIDENCE	561	659	732 (T)	707	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.159N	P=0.474	P=0.186N	P=0.339N	P=0.237N
POLY 1.5	P=0.160N	P=0.481	P=0.184N	P=0.342N	P=0.236N
POLY 6	P=0.159N	P=0.472	P=0.187N	P=0.335N	P=0.240N
RAO-SCOTT	P=0.194N	P=0.494	P=0.238N	P=0.381N	P=0.277N
LITTER C-A/FISHERS	P=0.157N	P=0.351	P=0.305N	P=0.500N	P=0.305N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary: Follicle Cyst					
LESION RATES					
OVERALL (a)	10/50 (20%)	9/50 (18%)	6/50 (12%)	11/50 (22%)	9/48 (19%)
LITTERS (b)	9/25 (36%)	9/25 (36%)	5/25 (20%)	10/25 (40%)	7/25 (28%)
POLY-3 RATE (c)	10/43.27	9/41.50	6/43.19	11/44.00	9/36.57
POLY-3 PERCENT (g)	23.1%	21.7%	13.9%	25%	24.6%
TERMINAL (d)	9/31 (29%)	7/32 (22%)	5/34 (15%)	7/34 (21%)	8/27 (30%)
FIRST INCIDENCE	524	701	344	592	655
STATISTICAL TESTS					
POLY 3	P=0.338	P=0.541N	P=0.203N	P=0.518	P=0.542
POLY 1.5	P=0.332	P=0.530N	P=0.205N	P=0.501	P=0.540
POLY 6	P=0.339	P=0.542N	P=0.201N	P=0.546	P=0.543
RAO-SCOTT	P=0.340	P=0.535N	P=0.218N	P=0.516	P=0.532
LITTER C-A/FISHERS	P=0.434N	P=0.616	P=0.173N	P=0.500	P=0.381N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary: Germinal Epithelium Cyst					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	3/48 (6%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	3/25 (12%)
POLY-3 RATE (c)	0/42.64	1/41.33	0/42.30	1/43.16	3/36.29
POLY-3 PERCENT (g)	0%	2.4%	0%	2.3%	8.3%
TERMINAL (d)	0/31 (0%)	1/32 (3%)	0/34 (0%)	0/34 (0%)	3/27 (11%)
FIRST INCIDENCE	---	732 (T)	---	701	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.020*	P=0.494	(e)	P=0.502	P=0.092
POLY 1.5	P=0.020*	P=0.495	(e)	P=0.500	P=0.091
POLY 6	P=0.020*	P=0.494	(e)	P=0.506	P=0.091
RAO-SCOTT	P=0.040*	P=0.554	(e)	P=0.570	P=0.145
LITTER C-A/FISHERS	P=0.029*	P=0.500	(e)	P=0.500	P=0.117

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Ovary: Paraovarian Tissue Cyst					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/48 (2%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	2/25 (8%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	1/42.64	0/41.33	2/42.30	0/43.04	1/36.29
POLY-3 PERCENT (g)	2.4%	0%	4.7%	0%	2.8%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	2/34 (6%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	732 (T)	---	732 (T)	---	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.618	P=0.506N	P=0.497	P=0.498N	P=0.724
POLY 1.5	P=0.615	P=0.505N	P=0.497	P=0.500N	P=0.723
POLY 6	P=0.619	P=0.506N	P=0.498	P=0.495N	P=0.724
RAO-SCOTT	P=0.608	P=0.563N	P=0.534	P=0.565N	P=0.719
LITTER C-A/FISHERS	P=0.656	P=0.500N	P=0.500	P=0.500N	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pancreas					
Basophilic Focus					
LESION RATES					
OVERALL (a)	1/49 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/48 (0%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	1/42.41	0/41.33	0/42.30	1/43.62	0/36.29
POLY-3 PERCENT (g)	2.4%	0%	0%	2.3%	0%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	732 (T)	---	---	545	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pancreas					
Polyarteritis Nodosa					
LESION RATES					
OVERALL (a)	1/49 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/48 (2%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	2/25 (8%)	1/25 (4%)
POLY-3 RATE (c)	1/42.41	1/41.33	0/42.30	2/43.18	1/36.29
POLY-3 PERCENT (g)	2.4%	2.4%	0%	4.6%	2.8%
TERMINAL (d)	1/31 (3%)	1/32 (3%)	0/34 (0%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	732 (T)	732 (T)	---	707	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.510	P=0.755	P=0.501N	P=0.506	P=0.725
POLY 1.5	P=0.508	P=0.758	P=0.499N	P=0.504	P=0.725
POLY 6	P=0.509	P=0.755	P=0.501N	P=0.512	P=0.724
RAO-SCOTT	P=0.508	P=0.742	P=0.513N	P=0.516	P=0.703
LITTER C-A/FISHERS	P=0.573	P=0.755	P=0.500N	P=0.500	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pancreas: Acinus Atrophy					
LESION RATES					
OVERALL (a)	1/49 (2%)	2/50 (4%)	3/50 (6%)	3/50 (6%)	1/48 (2%)
LITTERS (b)	1/25 (4%)	2/25 (8%)	3/25 (12%)	3/25 (12%)	1/25 (4%)
POLY-3 RATE (c)	1/42.97	2/41.53	3/42.93	3/43.04	1/36.29
POLY-3 PERCENT (g)	2.3%	4.8%	7%	7%	2.8%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	1/34 (3%)	3/34 (9%)	1/27 (4%)
FIRST INCIDENCE	560	701	640	732 (T)	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.497N	P=0.488	P=0.305	P=0.306	P=0.722
POLY 1.5	P=0.496N	P=0.494	P=0.306	P=0.306	P=0.723
POLY 6	P=0.501N	P=0.487	P=0.306	P=0.307	P=0.719
RAO-SCOTT	P=0.471N	P=0.485	P=0.316	P=0.317	P=0.695
LITTER C-A/FISHERS	P=0.412N	P=0.500	P=0.305	P=0.305	P=0.755

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pancreas: Acinus Hyperplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	3/48 (6%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)	2/25 (8%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	2/43.04	3/36.29
POLY-3 PERCENT (g)	0%	0%	0%	4.7%	8.3%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	2/34 (6%)	3/27 (11%)
FIRST INCIDENCE	---	---	---	732 (T)	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.008**	(e)	(e)	P=0.240	P=0.093
POLY 1.5	P=0.008**	(e)	(e)	P=0.239	P=0.093
POLY 6	P=0.008**	(e)	(e)	P=0.243	P=0.092
RAO-SCOTT	P=0.062	(e)	(e)	P=0.456	P=0.255
LITTER C-A/FISHERS	P=0.065	(e)	(e)	P=0.245	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Parathyroid Gland Hyperplasia Diffuse					
LESION RATES					
OVERALL (a)	0/42 (0%)	0/43 (0%)	0/42 (0%)	0/37 (0%)	0/38 (0%)
LITTERS (b)	0/24 (0%)	0/25 (0%)	0/24 (0%)	0/24 (0%)	0/23 (0%)
POLY-3 RATE (c)	0/36.47	0/35.31	0/35.28	0/32.82	0/28.92
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/28 (0%)	0/27 (0%)	0/28 (0%)	0/28 (0%)	0/23 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Peripheral Nerve: Ganglion Vacuolization Cytoplasmic					
LESION RATES					
OVERALL (a)	0/0 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
LITTERS (b)	0/0 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (c)	0/0.00	0/0.06	0/1.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Peritoneum					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/0 (0%)	0/0 (0%)	2/2 (100%)	0/0 (0%)	0/0 (0%)
LITTERS (b)	0/0 (0%)	0/0 (0%)	2/2 (100%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (c)	0/0.00	0/0.00	2/2.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	590	---	---
STATISTICAL TESTS					
POLY 3	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)
RAO-SCOTT	(e)	(e)	(e)	(e)	(e)
LITTER C-A/FISHERS	(e)	(e)	(e)	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pituitary Gland: Pars Distalis Hyperplasia					
LESION RATES					
OVERALL (a)	19/49 (39%)	18/50 (36%)	13/49 (27%)	20/49 (41%)	12/49 (24%)
LITTERS (b)	15/25 (60%)	13/25 (52%)	12/25 (48%)	16/25 (64%)	11/25 (44%)
POLY-3 RATE (c)	19/42.97	18/41.69	13/42.02	20/43.04	12/37.73
POLY-3 PERCENT (g)	44.2%	43.2%	30.9%	46.5%	31.8%
TERMINAL (d)	13/31 (42%)	16/32 (50%)	11/34 (32%)	17/33 (52%)	7/27 (26%)
FIRST INCIDENCE	625	655	701	545	592
STATISTICAL TESTS					
POLY 3	P=0.225N	P=0.550N	P=0.146N	P=0.502	P=0.178N
POLY 1.5	P=0.252N	P=0.522N	P=0.144N	P=0.491	P=0.191N
POLY 6	P=0.201N	P=0.570N	P=0.148N	P=0.519	P=0.167N
RAO-SCOTT	P=0.221N	P=0.541N	P=0.157N	P=0.499	P=0.185N
LITTER C-A/FISHERS	P=0.246N	P=0.388N	P=0.285N	P=0.500	P=0.198N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Pituitary Gland: Pars Distalis Hypertrophy					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/49 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.19	0/41.33	0/41.77	0/42.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/33 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Salivary Glands: Artery					
Mineral					
<hr/>					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/46 (0%)	0/45 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/24 (0%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/40.32	0/35.27
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/33 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Skin					
Cyst Epithelial Inclusion					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	0/43.04	0/35.57
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Skin					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	1/25 (4%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	1/42.00	1/42.42	0/43.04	0/35.57
POLY-3 PERCENT (g)	0%	2.4%	2.4%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	509	701	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Skin					
Ulcer					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/49 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	1/42.42	0/43.04	0/35.57
POLY-3 PERCENT (g)	0%	0%	2.4%	0%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	---	---	701	---	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Spleen					
Extramedullary Hematopoiesis					
LESION RATES					
OVERALL (a)	44/49 (90%)	46/50 (92%)	47/50 (94%)	45/50 (90%)	39/47 (83%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	22/24 (92%)
POLY-3 RATE (c)	44/47.24	46/48.86	47/48.75	45/47.09	39/40.20
POLY-3 PERCENT (g)	93.2%	94.1%	96.4%	95.6%	97%
TERMINAL (d)	31/31 (100%)	31/32 (97%)	33/34 (97%)	33/34 (97%)	27/27 (100%)
FIRST INCIDENCE	368	396	284	359	515
STATISTICAL TESTS					
POLY 3	P=0.321	P=0.593	P=0.386	P=0.473	P=0.352
POLY 1.5	P=0.377	P=0.529	P=0.367	P=0.493	P=0.371
POLY 6	P=0.290	P=0.680	P=0.423	P=0.495	P=0.367
RAO-SCOTT	P=0.328	P=0.585	P=0.398	P=0.473	P=0.357
LITTER C-A/FISHERS	P=0.017N*	P=1.000	P=1.000	P=1.000	P=0.235N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<hr/>					
Spleen Hemorrhage					
<hr/>					
LESION RATES					
OVERALL (a)	1/49 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/47 (0%)
LITTERS (b)	1/25 (4%)	1/25 (4%)	0/25 (0%)	1/25 (4%)	0/24 (0%)
POLY-3 RATE (c)	1/42.43	1/41.41	0/42.30	1/43.04	0/36.29
POLY-3 PERCENT (g)	2.4%	2.4%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	1/34 (3%)	0/27 (0%)
FIRST INCIDENCE	728	713	---	732 (T)	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Spleen Pigment					
LESION RATES					
OVERALL (a)	37/49 (76%)	39/50 (78%)	41/50 (82%)	43/50 (86%)	38/47 (81%)
LITTERS (b)	25/25 (100%)	23/25 (92%)	23/25 (92%)	25/25 (100%)	22/24 (92%)
POLY-3 RATE (c)	37/45.93	39/46.78	41/46.30	43/48.66	38/41.00
POLY-3 PERCENT (g)	80.6%	83.4%	88.6%	88.4%	92.7%
TERMINAL (d)	28/31 (90%)	28/32 (88%)	31/34 (91%)	31/34 (91%)	26/27 (96%)
FIRST INCIDENCE	368	288	496	172	314
STATISTICAL TESTS					
POLY 3	P=0.078	P=0.465	P=0.200	P=0.208	P=0.071
POLY 1.5	P=0.063	P=0.455	P=0.209	P=0.164	P=0.063
POLY 6	P=0.095	P=0.520	P=0.242	P=0.302	P=0.089
RAO-SCOTT	P=0.097	P=0.469	P=0.227	P=0.232	P=0.098
LITTER C-A/FISHERS	P=0.397N	P=0.245N	P=0.245N	P=1.000	P=0.235N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Spleen: White Pulp Atrophy					
LESION RATES					
OVERALL (a)	7/49 (14%)	4/50 (8%)	2/50 (4%)	9/50 (18%)	11/47 (23%)
LITTERS (b)	6/25 (24%)	4/25 (16%)	2/25 (8%)	7/25 (28%)	10/24 (42%)
POLY-3 RATE (c)	7/45.34	4/42.30	2/43.57	9/46.43	11/42.51
POLY-3 PERCENT (g)	15.4%	9.5%	4.6%	19.4%	25.9%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	2/34 (6%)	0/27 (0%)
FIRST INCIDENCE	406	509	496	407	4
STATISTICAL TESTS					
POLY 3	P=0.012*	P=0.302N	P=0.088N	P=0.412	P=0.172
POLY 1.5	P=0.010**	P=0.284N	P=0.083N	P=0.405	P=0.169
POLY 6	P=0.013*	P=0.315N	P=0.093N	P=0.425	P=0.172
RAO-SCOTT	P=0.027*	P=0.341N	P=0.133N	P=0.444	P=0.219
LITTER C-A/FISHERS	P=0.011*	P=0.363N	P=0.123N	P=0.500	P=0.155

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Forestomach Inflammation Chronic					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	2/50 (4%)	5/50 (10%)	3/48 (6%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	2/25 (8%)	5/25 (20%)	3/25 (12%)
POLY-3 RATE (c)	2/42.83	0/41.33	2/43.03	5/43.16	3/36.92
POLY-3 PERCENT (g)	4.7%	0%	4.7%	11.6%	8.1%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	4/34 (12%)	0/27 (0%)
FIRST INCIDENCE	689	---	533	701	620
STATISTICAL TESTS					
POLY 3	P=0.167	P=0.245N	P=0.692N	P=0.218	P=0.433
POLY 1.5	P=0.161	P=0.243N	P=0.694	P=0.215	P=0.428
POLY 6	P=0.170	P=0.245N	P=0.690N	P=0.224	P=0.437
RAO-SCOTT	P=0.186	P=0.265N	P=0.683N	P=0.241	P=0.432
LITTER C-A/FISHERS	P=0.227	P=0.245N	P=0.695	P=0.209	P=0.500

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Forestomach Mineral					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	1/25 (4%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	0/42.30	1/43.04	0/36.29
POLY-3 PERCENT (g)	0%	0%	0%	2.3%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	1/34 (3%)	0/27 (0%)
FIRST INCIDENCE	---	---	---	732 (T)	---
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Forestomach Ulcer					
LESION RATES					
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	1/48 (2%)
LITTERS (b)	1/25 (4%)	0/25 (0%)	1/25 (4%)	1/25 (4%)	1/25 (4%)
POLY-3 RATE (c)	1/42.66	0/41.33	1/42.91	1/43.04	1/36.35
POLY-3 PERCENT (g)	2.3%	0%	2.3%	2.3%	2.8%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	1/34 (3%)	0/27 (0%)
FIRST INCIDENCE	726	---	533	732 (T)	718
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Forestomach: Epithelium Hyperplasia					
LESION RATES					
OVERALL (a)	4/50 (8%)	1/50 (2%)	3/50 (6%)	3/50 (6%)	3/48 (6%)
LITTERS (b)	4/25 (16%)	1/25 (4%)	3/25 (12%)	3/25 (12%)	2/25 (8%)
POLY-3 RATE (c)	4/42.99	1/41.82	3/43.03	3/43.16	3/36.47
POLY-3 PERCENT (g)	9.3%	2.4%	7%	7%	8.2%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	1/34 (3%)	2/34 (6%)	2/27 (7%)
FIRST INCIDENCE	689	585	533	701	685
STATISTICAL TESTS					
POLY 3	P=0.449	P=0.186N	P=0.499N	P=0.498N	P=0.589N
POLY 1.5	P=0.446	P=0.185N	P=0.501N	P=0.502N	P=0.590N
POLY 6	P=0.446	P=0.186N	P=0.497N	P=0.491N	P=0.591N
RAO-SCOTT	P=0.449	P=0.223N	P=0.512N	P=0.511N	P=0.583N
LITTER C-A/FISHERS	P=0.457N	P=0.174N	P=0.500N	P=0.500N	P=0.334N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Stomach, Glandular Mineral					
LESION RATES					
OVERALL (a)	6/50 (12%)	3/50 (6%)	4/50 (8%)	5/50 (10%)	3/48 (6%)
LITTERS (b)	6/25 (24%)	3/25 (12%)	3/25 (12%)	5/25 (20%)	3/25 (12%)
POLY-3 RATE (c)	6/43.36	3/41.33	4/42.80	5/44.50	3/36.41
POLY-3 PERCENT (g)	13.8%	7.3%	9.4%	11.2%	8.2%
TERMINAL (d)	4/31 (13%)	3/32 (9%)	3/34 (9%)	3/34 (9%)	2/27 (7%)
FIRST INCIDENCE	616	732 (T)	581	172	701
STATISTICAL TESTS					
POLY 3	P=0.438N	P=0.265N	P=0.377N	P=0.482N	P=0.334N
POLY 1.5	P=0.442N	P=0.258N	P=0.376N	P=0.490N	P=0.334N
POLY 6	P=0.438N	P=0.270N	P=0.378N	P=0.473N	P=0.339N
RAO-SCOTT	P=0.430N	P=0.269N	P=0.378N	P=0.480N	P=0.329N
LITTER C-A/FISHERS	P=0.376N	P=0.232N	P=0.232N	P=0.500N	P=0.232N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Thymus Atrophy					
LESION RATES					
OVERALL (a)	45/46 (98%)	46/50 (92%)	45/48 (94%)	44/48 (92%)	42/45 (93%)
LITTERS (b)	25/25 (100%)	25/25 (100%)	25/25 (100%)	25/25 (100%)	23/24 (96%)
POLY-3 RATE (c)	45/45.98	46/48.94	45/46.56	44/47.01	42/43.30
POLY-3 PERCENT (g)	97.9%	94%	96.7%	93.6%	97%
TERMINAL (d)	30/30 (100%)	30/32 (94%)	32/33 (97%)	31/34 (91%)	25/26 (96%)
FIRST INCIDENCE	368	396	344	359	4
STATISTICAL TESTS					
POLY 3	P=0.543	P=0.331N	P=0.617N	P=0.308N	P=0.667N
POLY 1.5	P=0.559	P=0.294N	P=0.518N	P=0.293N	P=0.599N
POLY 6	P=0.525	P=0.354N	P=0.695N	P=0.306N	P=0.720N
RAO-SCOTT	P=0.549	P=0.367N	P=0.632N	P=0.341N	P=0.678N
LITTER C-A/FISHERS	P=0.156N	P=1.000	P=1.000	P=1.000	P=0.490N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Thymus					
Atrophy Lymphocyte					
<hr/>					
LESION RATES					
OVERALL (a)	0/46 (0%)	0/50 (0%)	0/48 (0%)	0/48 (0%)	0/45 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/24 (0%)
POLY-3 RATE (c)	0/39.98	0/41.33	0/40.99	0/42.16	0/35.29
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/32 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---	---
<hr/>					
STATISTICAL TESTS					
POLY 3	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)	(n)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Thyroid Gland: Bilateral, C-Cell Hyperplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	3/50 (6%)	0/50 (0%)	0/47 (0%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	3/25 (12%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	0/42.41	3/41.33	0/42.30	0/40.74	0/35.94
POLY-3 PERCENT (g)	0%	7.3%	0%	0%	0%
TERMINAL (d)	0/31 (0%)	3/32 (9%)	0/34 (0%)	0/33 (0%)	0/27 (0%)
FIRST INCIDENCE	---	732 (T)	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.278N	P=0.114	(e)	(e)	(e)
POLY 1.5	P=0.277N	P=0.116	(e)	(e)	(e)
POLY 6	P=0.277N	P=0.113	(e)	(e)	(e)
RAO-SCOTT	P=0.366N	P=0.229	(e)	(e)	(e)
LITTER C-A/FISHERS	P=0.256N	P=0.117	(e)	(e)	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Thyroid Gland: C-Cell Hyperplasia					
LESION RATES					
OVERALL (a)	14/49 (29%)	11/50 (22%)	13/50 (26%)	6/47 (13%)	2/48 (4%)
LITTERS (b)	12/25 (48%)	11/25 (44%)	13/25 (52%)	6/25 (24%)	2/25 (8%)
POLY-3 RATE (c)	14/43.80	11/41.33	13/42.92	6/40.74	2/35.94
POLY-3 PERCENT (g)	32%	26.6%	30.3%	14.7%	5.6%
TERMINAL (d)	11/31 (36%)	11/32 (34%)	11/34 (32%)	6/33 (18%)	2/27 (7%)
FIRST INCIDENCE	368	732 (T)	581	732 (T)	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.002N**	P=0.380N	P=0.525N	P=0.051N	P=0.003N**
POLY 1.5	P=0.002N**	P=0.355N	P=0.512N	P=0.052N	P=0.003N**
POLY 6	P<0.001N**	P=0.397N	P=0.532N	P=0.048N*	P=0.003N**
RAO-SCOTT	P=0.002N**	P=0.375N	P=0.518N	P=0.056N	P=0.004N**
LITTER C-A/FISHERS	P<0.001N**	P=0.500N	P=0.500	P=0.070N	P=0.002N**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Thyroid Gland: Follicular Cell Hyperplasia					
LESION RATES					
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)	2/48 (4%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	2/25 (8%)
POLY-3 RATE (c)	0/42.41	0/41.33	0/42.30	0/40.74	2/35.94
POLY-3 PERCENT (g)	0%	0%	0%	0%	5.6%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	0/34 (0%)	0/33 (0%)	2/27 (7%)
FIRST INCIDENCE	---	---	---	---	732 (T)
STATISTICAL TESTS					
POLY 3	P=0.015*	(e)	(e)	(e)	P=0.202
POLY 1.5	P=0.015*	(e)	(e)	(e)	P=0.201
POLY 6	P=0.015*	(e)	(e)	(e)	P=0.202
RAO-SCOTT	P=0.074	(e)	(e)	(e)	P=0.359
LITTER C-A/FISHERS	P=0.019*	(e)	(e)	(e)	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus Cyst					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	2/42.64	0/41.33	1/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	4.7%	0%	2.4%	0%	0%
TERMINAL (d)	2/31 (7%)	0/32 (0%)	1/34 (3%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	732 (T)	---	732 (T)	---	---
STATISTICAL TESTS					
POLY 3	P=0.272N	P=0.244N	P=0.503N	P=0.235N	P=0.274N
POLY 1.5	P=0.274N	P=0.242N	P=0.503N	P=0.237N	P=0.276N
POLY 6	P=0.271N	P=0.243N	P=0.502N	P=0.231N	P=0.274N
RAO-SCOTT	P=0.353N	P=0.352N	P=0.563N	P=0.350N	P=0.366N
LITTER C-A/FISHERS	P=0.261N	P=0.245N	P=0.500N	P=0.245N	P=0.245N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus Dilation					
LESION RATES					
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	1/50 (2%)	3/48 (6%)
LITTERS (b)	3/25 (12%)	1/25 (4%)	1/25 (4%)	1/25 (4%)	3/25 (12%)
POLY-3 RATE (c)	3/43.54	1/41.33	1/42.88	1/43.87	3/36.74
POLY-3 PERCENT (g)	6.9%	2.4%	2.3%	2.3%	8.2%
TERMINAL (d)	1/31 (3%)	1/32 (3%)	0/34 (0%)	0/34 (0%)	1/27 (4%)
FIRST INCIDENCE	561	732 (T)	546	407	642
STATISTICAL TESTS					
POLY 3	P=0.272	P=0.324N	P=0.310N	P=0.302N	P=0.582
POLY 1.5	P=0.269	P=0.318N	P=0.309N	P=0.305N	P=0.581
POLY 6	P=0.274	P=0.328N	P=0.311N	P=0.299N	P=0.581
RAO-SCOTT	P=0.271	P=0.348N	P=0.339N	P=0.334N	P=0.575
LITTER C-A/FISHERS	P=0.319	P=0.305N	P=0.305N	P=0.305N	P=0.666

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus Hemorrhage					
LESION RATES					
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	1/50 (2%)	2/48 (4%)
LITTERS (b)	0/25 (0%)	2/25 (8%)	1/25 (4%)	1/25 (4%)	2/25 (8%)
POLY-3 RATE (c)	0/42.64	2/42.17	1/42.91	1/43.04	2/36.41
POLY-3 PERCENT (g)	0%	4.7%	2.3%	2.3%	5.5%
TERMINAL (d)	0/31 (0%)	1/32 (3%)	0/34 (0%)	1/34 (3%)	1/27 (4%)
FIRST INCIDENCE	---	396	533	732 (T)	701
STATISTICAL TESTS					
POLY 3	P=0.276	P=0.234	P=0.501	P=0.502	P=0.203
POLY 1.5	P=0.274	P=0.235	P=0.500	P=0.500	P=0.202
POLY 6	P=0.276	P=0.236	P=0.503	P=0.505	P=0.204
RAO-SCOTT	P=0.292	P=0.281	P=0.537	P=0.538	P=0.237
LITTER C-A/FISHERS	P=0.329	P=0.245	P=0.500	P=0.500	P=0.245

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus Inflammation					
LESION RATES					
OVERALL (a)	4/50 (8%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/48 (0%)
LITTERS (b)	4/25 (16%)	0/25 (0%)	0/25 (0%)	0/25 (0%)	0/25 (0%)
POLY-3 RATE (c)	4/43.02	0/41.33	0/42.30	0/43.04	0/36.29
POLY-3 PERCENT (g)	9.3%	0%	0%	0%	0%
TERMINAL (d)	3/31 (10%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	625	---	---	---	---
STATISTICAL TESTS					
POLY 3	P=0.137N	P=0.065N	P=0.062N	P=0.060N	P=0.084N
POLY 1.5	P=0.140N	P=0.064N	P=0.062N	P=0.061N	P=0.085N
POLY 6	P=0.136N	P=0.065N	P=0.062N	P=0.058N	P=0.085N
RAO-SCOTT	P=0.243N	P=0.156N	P=0.153N	P=0.151N	P=0.174N
LITTER C-A/FISHERS	P=0.139N	P=0.055N	P=0.055N	P=0.055N	P=0.055N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus					
Inflammation Acute					
LESION RATES					
OVERALL (a)	0/50 (0%)	0/50 (0%)	6/50 (12%)	2/50 (4%)	0/48 (0%)
LITTERS (b)	0/25 (0%)	0/25 (0%)	6/25 (24%)	2/25 (8%)	0/25 (0%)
POLY-3 RATE (c)	0/42.64	0/41.33	6/43.67	2/43.62	0/36.29
POLY-3 PERCENT (g)	0%	0%	13.7%	4.6%	0%
TERMINAL (d)	0/31 (0%)	0/32 (0%)	3/34 (9%)	1/34 (3%)	0/27 (0%)
FIRST INCIDENCE	---	---	546	545	---
STATISTICAL TESTS					
POLY 3	P=0.283N	(e)	P=0.016*	P=0.242	(e)
POLY 1.5	P=0.290N	(e)	P=0.016*	P=0.239	(e)
POLY 6	P=0.280N	(e)	P=0.017*	P=0.247	(e)
RAO-SCOTT	P=0.324N	(e)	P=0.050*	P=0.332	(e)
LITTER C-A/FISHERS	P=0.234N	(e)	P=0.011*	P=0.245	(e)

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus					
Inflammation Chronic					
LESION RATES					
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/48 (2%)
LITTERS (b)	2/25 (8%)	0/25 (0%)	1/25 (4%)	0/25 (0%)	1/25 (4%)
POLY-3 RATE (c)	2/43.19	0/41.33	1/42.76	0/43.04	1/36.61
POLY-3 PERCENT (g)	4.6%	0%	2.3%	0%	2.7%
TERMINAL (d)	1/31 (3%)	0/32 (0%)	0/34 (0%)	0/34 (0%)	0/27 (0%)
FIRST INCIDENCE	561	---	596	---	642
STATISTICAL TESTS					
POLY 3	P=0.676	P=0.247N	P=0.503N	P=0.238N	P=0.557N
POLY 1.5	P=0.673	P=0.244N	P=0.503N	P=0.239N	P=0.558N
POLY 6	P=0.678	P=0.248N	P=0.502N	P=0.235N	P=0.557N
RAO-SCOTT	P=0.655	P=0.318N	P=0.542N	P=0.314N	P=0.573N
LITTER C-A/FISHERS	P=0.662N	P=0.245N	P=0.500N	P=0.245N	P=0.500N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(HSD)
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus: Endometrium Hyperplasia Cystic					
LESION RATES					
OVERALL (a)	27/50 (54%)	24/50 (48%)	28/50 (56%)	23/50 (46%)	16/48 (33%)
LITTERS (b)	19/25 (76%)	18/25 (72%)	21/25 (84%)	15/25 (60%)	14/25 (56%)
POLY-3 RATE (c)	27/45.19	24/43.65	28/44.67	23/44.41	16/38.72
POLY-3 PERCENT (g)	59.7%	55%	62.7%	51.8%	41.3%
TERMINAL (d)	19/31 (61%)	17/32 (53%)	22/34 (65%)	19/34 (56%)	10/27 (37%)
FIRST INCIDENCE	406	415	533	517	576
STATISTICAL TESTS					
POLY 3	P=0.036N*	P=0.403N	P=0.472	P=0.289N	P=0.067N
POLY 1.5	P=0.046N*	P=0.388N	P=0.473	P=0.295N	P=0.078N
POLY 6	P=0.028N*	P=0.403N	P=0.482	P=0.276N	P=0.057N
RAO-SCOTT	P=0.043N*	P=0.410N	P=0.474	P=0.303N	P=0.081N
LITTER C-A/FISHERS	P=0.038N*	P=0.500N	P=0.363	P=0.182N	P=0.116N

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

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

DOSE	Females				
	0 ppm Female	300 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
Uterus: Endometrium Squamous Metaplasia					
LESION RATES					
OVERALL (a)	25/50 (50%)	17/50 (34%)	20/50 (40%)	17/50 (34%)	7/48 (15%)
LITTERS (b)	18/25 (72%)	14/25 (56%)	13/25 (52%)	13/25 (52%)	6/25 (24%)
POLY-3 RATE (c)	25/46.22	17/43.05	20/44.91	17/44.13	7/37.66
POLY-3 PERCENT (g)	54.1%	39.5%	44.5%	38.5%	18.6%
TERMINAL (d)	17/31 (55%)	14/32 (44%)	15/34 (44%)	14/34 (41%)	3/27 (11%)
FIRST INCIDENCE	368	415	533	545	620
STATISTICAL TESTS					
POLY 3	P<0.001N**	P=0.117N	P=0.238N	P=0.097N	P<0.001N**
POLY 1.5	P=0.002N**	P=0.102N	P=0.235N	P=0.095N	P<0.001N**
POLY 6	P<0.001N**	P=0.129N	P=0.235N	P=0.096N	P<0.001N**
RAO-SCOTT	P=0.003N**	P=0.144N	P=0.264N	P=0.124N	P=0.002N**
LITTER C-A/FISHERS	P<0.001N**	P=0.189N	P=0.122N	P=0.122N	P<0.001N**

Experiment Number: 10188 - 02

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: RATS/HSD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Di(2-ethylhexyl) Phthalate

CAS Number: 117-81-7

Date Report Requested: 06/02/2020

Time Report Requested: 17:09:53

First Dose M/F: 06/27/11 / 06/28/11

Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of litters with tumor-bearing animals/number of litters examined at site
- (c) 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 Rao-Scott statistic performs the Poly-3 test with an adjustment for within-litter correlation.
The Litter C-A/Fishers statistic compares directly the litter incidence rates.

*** END OF REPORT ***