

Experiment Number: 20107 - 01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine
CAS Number: 99-97-8

Date Report Requested: 09/07/2016
Time Report Requested: 11:43:16
First Dose M/F: 10/20/03 / 10/21/03
Lab: BAT

NTP Study Number: C20107
Lock Date: 07/14/2004
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF N,N-DIMETHYL-P-TOLUIDINE

MALE RATS

Organ

Adrenal Cortex
Bone Marrow
Harderian Gland
Heart
Kidney

Kidney: Papilla
Kidney: Renal Tubule
Liver

Liver: Bile Duct
Liver: Centrilobular
Liver: Hepatocyte
Liver: Hepatocyte, Centrilobular
Lung
Lymph Node, Mesenteric

Nose: Glands
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium

Pancreas
Spleen

Spleen: Capsule
Spleen: Lymphoid Follicle
Spleen: Mesothelium

Morphology

Vacuolization Cytoplasmic
Hyperplasia
Pigmentation
Cardiomyopathy
Hemorrhage
Mineralization
Nephropathy
Pigmentation
Necrosis
Dilatation
Basophilic Focus
Hematopoietic Cell Proliferation
Inflammation Chronic
Pigmentation
Hyperplasia
Fatty Change
Hypertrophy
Necrosis
Thrombosis
Atrophy
Necrosis Lymphoid
Hyperplasia
Degeneration
Metaplasia
Hyperplasia
Metaplasia
Infiltration Cellular Lymphocyte
Congestion
Pigmentation
Fibrosis
Atrophy
Hypertrophy

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SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF N,N-DIMETHYL-P-TOLUIDINE

Spleen: Red Pulp
Stomach, Forestomach

Thymus
Thymus: Thymocyte
Urinary Bladder

FEMALE RATS

Organ

Bone Marrow
Heart
Kidney

Kidney: Papilla
Kidney: Renal Tubule
Liver

Liver: Centrilobular
Liver: Hepatocyte

Liver: Hepatocyte, Centrilobular
Lung

Lung: Alveolus
Lymph Node, Mesenteric

Nose: Glands
Nose: Olfactory Epithelium

Nose: Respiratory Epithelium

Atrophy
Hemorrhage
Hyperplasia
Inflammation
Ulcer
Hemorrhage
Necrosis
Hemorrhage

Morphology

Hyperplasia
Cardiomyopathy
Mineralization
Nephropathy
Pigmentation
Necrosis
Dilatation
Clear Cell Focus
Hematopoietic Cell Proliferation
Inflammation Chronic
Pigmentation
Fatty Change
Hypertrophy
Necrosis
Necrosis
Hemorrhage
Inflammation Chronic
Infiltration Cellular Histiocyte
Atrophy
Necrosis Lymphoid
Hyperplasia
Degeneration
Metaplasia
Hyperplasia

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Pancreas	Metaplasia
Spleen	Infiltration Cellular Lymphocyte
	Congestion
	Hematopoietic Cell Proliferation
	Pigmentation
Spleen: Capsule	Fibrosis
Spleen: Lymphoid Follicle	Atrophy
Spleen: Mesothelium	Hypertrophy
Spleen: Red Pulp	Atrophy
Stomach, Forestomach	Inflammation
	Mineralization
	Ulcer
Stomach, Glandular	Inflammation
	Ulcer
Thymus	Hemorrhage
Thymus: Thymocyte	Necrosis

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Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Adrenal Cortex Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Adrenal Cortex Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Adrenal Cortex						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	10/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	11.1%	0%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P<0.001N**	P<0.001N**
POLY 1.5	(e)	(e)	(e)	(e)	P<0.001N**	P<0.001N**
POLY 6	(e)	(e)	(e)	(e)	P<0.001N**	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	(e)	(e)	(e)	P<0.001N**	P<0.001N**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P<0.001N**	(e)

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Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Bone Marrow Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Epididymis Inflammation						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.252N	P=0.702N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.252N	P=0.699N
POLY 6	(e)	(e)	(e)	(e)	P=0.252N	P=0.237N
COCH-ARM / FISHERS	P=0.089N	(e)	(e)	(e)	P=0.237N	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.088N	P=0.499N

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Esophagus: Muscularis Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye Cataract						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Anterior Chamber Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Ciliary Body Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
<hr/>						
Eye: Cornea Inflammation						
<hr/>						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<hr/>						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

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Route: GAVAGE

Species/Strain: RATS/F 344/N

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Cornea						
Ulcer						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Retina						
Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Retina Degeneration						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Pigmentation						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	9/10 (90%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	1/10.00	9/9.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	10%	100%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	3	3
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P<0.001**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	P=0.500N	P=0.003**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.274N	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland: Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL (a)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)	1/10 (10%)
POLY-3 RATE (b)	10/10.00	0/0.00	0/0.00	0/0.00	6/9.00	1/1.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	66.7%	100%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/9 (67%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	3
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.076N	P=1.000N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.075N	P=1.000N
POLY 6	(e)	(e)	(e)	(e)	P=0.076N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	(e)	(e)	(e)	P=0.043N*	P<0.001N**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.023N*	P<0.001N**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Heart Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Intestine Small, Jejunum Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.521N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.521N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.521N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.184N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	P=0.152	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	P=0.145	(e)	(e)	(e)	(e)	P=0.041*
POLY 6	P=0.152	(e)	(e)	(e)	(e)	P=0.040*
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	(e)	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney Mineralization						
LESION RATES						
OVERALL (a)	1/10 (10%)	4/10 (40%)	10/10 (100%)	10/10 (100%)	8/10 (80%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	4/10.00	10/10.00	10/10.00	8/9.00	0/0.00
POLY-3 PERCENT (g)	10%	40%	100%	100%	88.9%	0%
TERMINAL (d)	1/10 (10%)	4/10 (40%)	10/10 (100%)	10/10 (100%)	8/9 (89%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.148	P<0.001**	P<0.001**	P<0.001**	P=0.760N
POLY 1.5	P<0.001**	P=0.148	P<0.001**	P<0.001**	P<0.001**	P=0.759N
POLY 6	P<0.001**	P=0.148	P<0.001**	P<0.001**	P<0.001**	P=0.500N
COCH-ARM / FISHERS	P=0.034N*	P=0.152	P<0.001**	P<0.001**	P=0.003**	P=0.500N
MAX-ISO-POLY-3	P<0.001**	P=0.058	P<0.001**	P<0.001**	P<0.001**	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	3/10 (30%)
POLY-3 RATE (b)	9/10.00	10/10.00	10/10.00	10/10.00	9/9.00	3/3.00
POLY-3 PERCENT (g)	90%	100%	100%	100%	100%	100%
TERMINAL (d)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P=0.328	P=0.500	P=0.500	P=0.500	P=0.521	P=0.681
POLY 1.5	P=0.351	P=0.500	P=0.500	P=0.500	P=0.523	P=0.699
POLY 6	P=0.328	P=0.500	P=0.500	P=0.500	P=0.521	P=0.681
COCH-ARM / FISHERS	P<0.001N**	P=0.500	P=0.500	P=0.500	P=0.763N	P=0.010N**
MAX-ISO-POLY-3	P=0.301	P=0.158	P=0.158	P=0.158	P=0.184	P=0.380

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney Pigmentation						
LESION RATES						
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.003N**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P<0.001**	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney: Papilla Necrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	7/10 (70%)	7/10 (70%)	9/10 (90%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	7/10.00	7/10.00	9/9.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	70%	70%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	7/10 (70%)	7/10 (70%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P=0.040*
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P=0.041*
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P=0.040*
COCH-ARM / FISHERS	P=0.270	(e)	P=0.002**	P=0.002**	P<0.001**	P=0.237
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney: Renal Tubule Dilatation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)	3/10 (30%)	3/10 (30%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	1/10.00	3/9.00	3/3.00
POLY-3 PERCENT (g)	0%	0%	20%	10%	33.3%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	1/10 (10%)	3/9 (33%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.227	P=0.500	P=0.076	P=0.003**
POLY 1.5	P<0.001**	(e)	P=0.227	P=0.500	P=0.076	P=0.004**
POLY 6	P<0.001**	(e)	P=0.227	P=0.500	P=0.076	P=0.003**
COCH-ARM / FISHERS	P=0.026*	(e)	P=0.237	P=0.500	P=0.105	P=0.105
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.066	P=0.158	P=0.023*	P=0.005**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
<hr/>						
Liver						
Angiectasis						
<hr/>						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<hr/>						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Basophilic Focus						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	22.2%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/9 (22%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.009**	(e)	(e)	(e)	P=0.202	(e)
POLY 1.5	P=0.009**	(e)	(e)	(e)	P=0.202	(e)
POLY 6	P=0.009**	(e)	(e)	(e)	P=0.202	(e)
COCH-ARM / FISHERS	P=0.414	(e)	(e)	(e)	P=0.237	(e)
MAX-ISO-POLY-3	P=0.009**	(e)	(e)	(e)	P=0.064	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Clear Cell Focus						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Fatty Change Focal						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.330N	P=0.500N	P=0.500N	P=0.500N	P=0.521N	P=0.760N
POLY 1.5	P=0.330N	P=0.500N	P=0.500N	P=0.500N	P=0.521N	P=0.759N
POLY 6	P=0.330N	P=0.500N	P=0.500N	P=0.500N	P=0.521N	P=0.500N
COCH-ARM / FISHERS	P=0.415N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.328N	P=0.158N	P=0.158N	P=0.158N	P=0.184N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	4/10 (40%)	8/10 (80%)	10/10 (100%)	8/10 (80%)	7/10 (70%)	0/10 (0%)
POLY-3 RATE (b)	4/10.00	8/10.00	10/10.00	8/10.00	7/9.00	0/0.00
POLY-3 PERCENT (g)	40%	80%	100%	80%	77.8%	0%
TERMINAL (d)	4/10 (40%)	8/10 (80%)	10/10 (100%)	8/10 (80%)	7/9 (78%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.155	P=0.077	P<0.001**	P=0.077	P=0.111	P=0.667N
POLY 1.5	P=0.156	P=0.077	P<0.001**	P=0.077	P=0.111	P=0.661N
POLY 6	P=0.155	P=0.077	P<0.001**	P=0.077	P=0.111	P=0.043N*
COCH-ARM / FISHERS	P<0.001N**	P=0.085	P=0.005**	P=0.085	P=0.185	P=0.043N*
MAX-ISO-POLY-3	P=0.154N	P=0.029*	P<0.001**	P=0.029*	P=0.053	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	1/10.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	10%	10%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.213	(e)	P=0.500	P=0.500	P=0.479	(e)
POLY 1.5	P=0.213	(e)	P=0.500	P=0.500	P=0.479	(e)
POLY 6	P=0.213	(e)	P=0.500	P=0.500	P=0.479	(e)
COCH-ARM / FISHERS	P=0.606N	(e)	P=0.500	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.212	(e)	P=0.158	P=0.158	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	7/10 (70%)	10/10 (100%)	9/10 (90%)	6/10 (60%)	7/10 (70%)	2/10 (20%)
POLY-3 RATE (b)	7/10.00	10/10.00	9/10.00	6/10.00	7/10.00	2/2.00
POLY-3 PERCENT (g)	70%	100%	90%	60%	70%	100%
TERMINAL (d)	7/10 (70%)	10/10 (100%)	9/10 (90%)	6/10 (60%)	6/9 (67%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	3	3
STATISTICAL TESTS						
POLY 3	P=0.234N	P=0.095	P=0.292	P=0.500N	P=0.678	P=0.500
POLY 1.5	P=0.232N	P=0.095	P=0.292	P=0.500N	P=0.678	P=0.512
POLY 6	P=0.234N	P=0.095	P=0.292	P=0.500N	P=0.678	P=0.500
COCH-ARM / FISHERS	P<0.001N**	P=0.105	P=0.291	P=0.500N	P=0.686N	P=0.035N*
MAX-ISO-POLY-3	P=0.234	P=0.025*	P=0.136	P=0.325N	P=1.000	P=0.348

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Pigmentation						
LESION RATES						
OVERALL (a)	0/10 (0%)	4/10 (40%)	7/10 (70%)	9/10 (90%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	4/10.00	7/10.00	9/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	0%	40%	70%	90%	100%	0%
TERMINAL (d)	0/10 (0%)	4/10 (40%)	7/10 (70%)	9/10 (90%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.033*	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P=0.033*	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	P=0.033*	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.175N	P=0.043*	P=0.002**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	P=0.007**	P<0.001**	P<0.001**	P<0.001**	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Bile Duct Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	3/10.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	30%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.069	(e)	(e)	P=0.095	P=0.479	(e)
POLY 1.5	P=0.069	(e)	(e)	P=0.095	P=0.479	(e)
POLY 6	P=0.069	(e)	(e)	P=0.095	P=0.479	(e)
COCH-ARM / FISHERS	P=0.623N	(e)	(e)	P=0.105	P=0.500	(e)
MAX-ISO-POLY-3	P=0.069	(e)	(e)	P=0.025*	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Centrilobular Fatty Change						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	3	3
STATISTICAL TESTS						
POLY 3	P=0.036*	(e)	(e)	(e)	P=0.500	P=0.040*
POLY 1.5	P=0.035*	(e)	(e)	(e)	P=0.500	P=0.041*
POLY 6	P=0.036*	(e)	(e)	(e)	P=0.500	P=0.040*
COCH-ARM / FISHERS	P=0.013*	(e)	(e)	(e)	P=0.500	P=0.237
MAX-ISO-POLY-3	P=0.015*	(e)	(e)	(e)	P=0.158	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Hepatocyte Hypertrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	2/10.00	9/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	20%	90%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.237	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.066	P<0.001**	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Hepatocyte Necrosis						
LESION RATES						
OVERALL (a)	3/10 (30%)	3/10 (30%)	5/10 (50%)	3/10 (30%)	5/10 (50%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	3/10.00	5/10.00	3/10.00	5/9.00	0/0.00
POLY-3 PERCENT (g)	30%	30%	50%	30%	55.6%	0%
TERMINAL (d)	3/10 (30%)	3/10 (30%)	5/10 (50%)	3/10 (30%)	5/9 (56%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.191	P=0.678	P=0.329	P=0.678	P=0.259	P=0.678N
POLY 1.5	P=0.191	P=0.678	P=0.329	P=0.678	P=0.259	P=0.673N
POLY 6	P=0.191	P=0.678	P=0.329	P=0.678	P=0.259	P=0.105N
COCH-ARM / FISHERS	P=0.070N	P=0.686N	P=0.325	P=0.686N	P=0.325	P=0.105N
MAX-ISO-POLY-3	P=0.190N	P=1.000	P=0.188	P=1.000	P=0.147	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Hepatocyte, Centrilobular Necrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	0/10.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	10%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.490N	P=0.500	(e)	(e)	(e)	(e)
POLY 1.5	P=0.490N	P=0.500	(e)	(e)	(e)	(e)
POLY 6	P=0.490N	P=0.500	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.488N	P=0.500	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.488N	P=0.158	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	10/10 (100%)	8/10 (80%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	8/10.00	9/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	100%	80%	90%	100%	100%	100%
TERMINAL (d)	10/10 (100%)	8/10 (80%)	9/10 (90%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	3	3
STATISTICAL TESTS						
POLY 3	P=0.206	P=0.227N	P=0.500N	(e)	(e)	(e)
POLY 1.5	P=0.206	P=0.227N	P=0.500N	(e)	(e)	(e)
POLY 6	P=0.206	P=0.227N	P=0.500N	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.209	P=0.237N	P=0.500N	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.149	P=0.066N	P=0.158N	(e)	(e)	(e)

Experiment Number: 20107 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung Thrombosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	P=0.152	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	P=0.145	(e)	(e)	(e)	(e)	P=0.041*
POLY 6	P=0.152	(e)	(e)	(e)	(e)	P=0.040*
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	(e)	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung: Alveolus Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	11.1%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.484	P=0.500N	P=0.500N	P=0.500N	P=0.737	P=0.760N
POLY 1.5	P=0.484	P=0.500N	P=0.500N	P=0.500N	P=0.737	P=0.759N
POLY 6	P=0.484	P=0.500N	P=0.500N	P=0.500N	P=0.737	P=0.500N
COCH-ARM / FISHERS	P=0.586N	P=0.500N	P=0.500N	P=0.500N	P=0.763N	P=0.500N
MAX-ISO-POLY-3	P=0.482N	P=0.158N	P=0.158N	P=0.158N	P=0.469	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung: Alveolus Metaplasia Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	10%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.651N	(e)	P=0.500	(e)	(e)	(e)
POLY 1.5	P=0.651N	(e)	P=0.500	(e)	(e)	(e)
POLY 6	P=0.651N	(e)	P=0.500	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.561N	(e)	P=0.500	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.499	(e)	P=0.158	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lymph Node, Mesenteric Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	3/10.00	6/6.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	30%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/9 (22%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.095	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.105	P=0.005**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.025*	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lymph Node, Mesenteric Necrosis Lymphoid						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	P=0.152	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	P=0.145	(e)	(e)	(e)	(e)	P=0.041*
POLY 6	P=0.152	(e)	(e)	(e)	(e)	P=0.040*
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	(e)	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lymph Node: Mediastinal Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	1/1.00	0/0.00	0/0.00	0/0.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	100%	0%
TERMINAL (d)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	(e)
POLY 1.5	(e)	(e)	(e)	(e)	(e)	(e)
POLY 6	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Glands						
Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	10/10.00	10/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	100%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.258N	(e)	P<0.001**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P<0.001**	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Olfactory Epithelium Degeneration						
LESION RATES						
OVERALL (a)	0/10 (0%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	5/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	50%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.008**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.008**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.008**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.016*	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Olfactory Epithelium Metaplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	9/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	90%	100%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.286	(e)	(e)	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Respiratory Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	1/10 (10%)	2/10 (20%)	7/10 (70%)	10/10 (100%)	9/10 (90%)	7/10 (70%)
POLY-3 RATE (b)	1/10.00	2/10.00	7/10.00	10/10.00	9/9.00	7/7.00
POLY-3 PERCENT (g)	10%	20%	70%	100%	100%	100%
TERMINAL (d)	1/10 (10%)	2/10 (20%)	7/10 (70%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P=0.003**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P=0.003**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P=0.003**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.008**	P=0.500	P=0.010**	P<0.001**	P<0.001**	P=0.010**
MAX-ISO-POLY-3	P<0.001**	P=0.274	P<0.001**	P<0.001**	P<0.001**	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Respiratory Epithelium Metaplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	8/10.00	10/10.00	10/10.00	9/9.00	1/1.00
POLY-3 PERCENT (g)	0%	80%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	8/10 (80%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P=0.243
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P=0.245
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P=0.243
COCH-ARM / FISHERS	P=0.038N*	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P=0.500
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)	P<0.001**	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Pancreas						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL (a)	9/10 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/10 (60%)	0/10 (0%)
POLY-3 RATE (b)	9/10.00	0/0.00	0/0.00	0/0.00	6/9.00	0/0.00
POLY-3 PERCENT (g)	90%	0%	0%	0%	66.7%	0%
TERMINAL (d)	9/10 (90%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/9 (67%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.251N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.250N	P=0.738N
POLY 6	(e)	(e)	(e)	(e)	P=0.251N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	(e)	(e)	(e)	P=0.152N	P<0.001N**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.121N	P=0.498N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Preputial Gland: Duct Ectasia						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.521N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.521N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.521N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.184N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Prostate Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Prostate: Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	2/9.00	0/0.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	22.2%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/9 (22%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.663	P=0.702N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.663	P=0.699N
POLY 6	(e)	(e)	(e)	(e)	P=0.663	P=0.237N
COCH-ARM / FISHERS	P=0.162N	(e)	(e)	(e)	P=0.709N	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.455	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Salivary Glands Fibrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen Congestion						
LESION RATES						
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.003N**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P<0.001**	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	9/10 (90%)
POLY-3 RATE (b)	9/10.00	10/10.00	10/10.00	10/10.00	9/9.00	9/9.00
POLY-3 PERCENT (g)	90%	100%	100%	100%	100%	100%
TERMINAL (d)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P=0.414	P=0.500	P=0.500	P=0.500	P=0.521	P=0.521
POLY 1.5	P=0.420	P=0.500	P=0.500	P=0.500	P=0.523	P=0.523
POLY 6	P=0.414	P=0.500	P=0.500	P=0.500	P=0.521	P=0.521
COCH-ARM / FISHERS	P=0.314N	P=0.500	P=0.500	P=0.500	P=0.763N	P=0.763N
MAX-ISO-POLY-3	P=0.059	P=0.158	P=0.158	P=0.158	P=0.184	P=0.184

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen Pigmentation						
LESION RATES						
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	0%
TERMINAL (d)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=1.000N	(e)	(e)	(e)	P=1.000N	P<0.001N**
POLY 1.5	P=1.000N	(e)	(e)	(e)	P=1.000N	P<0.001N**
POLY 6	P<0.001N**	(e)	(e)	(e)	P=0.500N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	(e)	(e)	(e)	P=0.500N	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)	P=0.171N	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Capsule Fibrosis						
LESION RATES						
OVERALL (a)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	5/10.00	10/10.00	10/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	10%	50%	100%	100%	100%	0%
TERMINAL (d)	1/10 (10%)	5/10 (50%)	10/10 (100%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.061	P<0.001**	P<0.001**	P<0.001**	P=0.760N
POLY 1.5	P<0.001**	P=0.061	P<0.001**	P<0.001**	P<0.001**	P=0.759N
POLY 6	P<0.001**	P=0.061	P<0.001**	P<0.001**	P<0.001**	P=0.500N
COCH-ARM / FISHERS	P=0.029N*	P=0.070	P<0.001**	P<0.001**	P<0.001**	P=0.500N
MAX-ISO-POLY-3	P<0.001**	P=0.020*	P<0.001**	P<0.001**	P<0.001**	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Lymphoid Follicle Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	8/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	80%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Mesothelium Hypertrophy						
LESION RATES						
OVERALL (a)	3/10 (30%)	5/10 (50%)	8/10 (80%)	10/10 (100%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	5/10.00	8/10.00	10/10.00	9/9.00	0/0.00
POLY-3 PERCENT (g)	30%	50%	80%	100%	100%	0%
TERMINAL (d)	3/10 (30%)	5/10 (50%)	8/10 (80%)	10/10 (100%)	9/9 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.329	P=0.024*	P<0.001**	P<0.001**	P=0.678N
POLY 1.5	P<0.001**	P=0.329	P=0.024*	P<0.001**	P<0.001**	P=0.673N
POLY 6	P<0.001**	P=0.329	P=0.024*	P<0.001**	P<0.001**	P=0.105N
COCH-ARM / FISHERS	P=0.018N*	P=0.325	P=0.035*	P=0.002**	P=0.010**	P=0.105N
MAX-ISO-POLY-3	P<0.001N**	P=0.188	P=0.007**	P<0.001**	P<0.001**	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Red Pulp Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Erosion						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	P=0.569	(e)	(e)	(e)	(e)	P=0.243
POLY 1.5	P=0.558	(e)	(e)	(e)	(e)	P=0.245
POLY 6	P=0.569	(e)	(e)	(e)	(e)	P=0.243
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.038*	(e)	(e)	(e)	(e)	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	2/10.00	2/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	20%	22.2%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	2/9 (22%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.014*	(e)	(e)	P=0.227	P=0.202	(e)
POLY 1.5	P=0.014*	(e)	(e)	P=0.227	P=0.202	(e)
POLY 6	P=0.014*	(e)	(e)	P=0.227	P=0.202	(e)
COCH-ARM / FISHERS	P=0.525	(e)	(e)	P=0.237	P=0.237	(e)
MAX-ISO-POLY-3	P=0.014*	(e)	(e)	P=0.066	P=0.064	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	5/10 (50%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00	5/10.00	9/9.00
POLY-3 PERCENT (g)	0%	0%	10%	0%	50%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	4/9 (44%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	---	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.500	(e)	P=0.008**	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	(e)	P=0.008**	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	(e)	P=0.008**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	(e)	P=0.016*	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	(e)	P<0.001**	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	3	3
STATISTICAL TESTS						
POLY 3	P=0.121	(e)	(e)	(e)	P=0.500	P=0.243
POLY 1.5	P=0.118	(e)	(e)	(e)	P=0.500	P=0.245
POLY 6	P=0.121	(e)	(e)	(e)	P=0.500	P=0.243
COCH-ARM / FISHERS	P=0.103	(e)	(e)	(e)	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.105	(e)	(e)	(e)	P=0.158	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Ulcer						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	0/10.00	1/10.00	7/7.00
POLY-3 PERCENT (g)	0%	0%	10%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	---	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P=0.500	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	P=0.500	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	P=0.500	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.500	(e)	P=0.500	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	P=0.158	(e)	P=0.158	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Glandular Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Glandular Inflammation Granulomatous						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Glandular Ulcer						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.243
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.245
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.243
COCH-ARM / FISHERS	P=0.267	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Testes						
Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	11.1%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.479	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.479	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.157	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Thymus Hemorrhage						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/9.00	7/7.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	100%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500N	P=0.500N	P=0.500N	P=0.521N	P<0.001**
POLY 1.5	P<0.001**	P=0.500N	P=0.500N	P=0.500N	P=0.521N	P<0.001**
POLY 6	P<0.001**	P=0.500N	P=0.500N	P=0.500N	P=0.521N	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.010**
MAX-ISO-POLY-3	P<0.001**	P=0.158N	P=0.158N	P=0.158N	P=0.184N	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Thymus: Thymocyte Necrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	3	3
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 N,N-Dimethyl-p-toluidine
 CAS Number: 99-97-8

Date Report Requested: 09/07/2016
 Time Report Requested: 11:43:16
 First Dose M/F: 10/20/03 / 10/21/03
 Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Thyroid Gland Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Trachea						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/10 (0%)	2/10 (20%)	3/10 (30%)	3/10 (30%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/10.00	2/10.00	3/10.00	3/9.00	0/0.00
POLY-3 PERCENT (g)	20%	0%	20%	30%	33.3%	0%
TERMINAL (d)	2/10 (20%)	0/10 (0%)	2/10 (20%)	3/10 (30%)	3/9 (33%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.104	P=0.227N	P=0.702	P=0.500	P=0.448	P=0.702N
POLY 1.5	P=0.104	P=0.227N	P=0.702	P=0.500	P=0.448	P=0.699N
POLY 6	P=0.104	P=0.227N	P=0.702	P=0.500	P=0.448	P=0.237N
COCH-ARM / FISHERS	P=0.314N	P=0.237N	P=0.709N	P=0.500	P=0.500	P=0.237N
MAX-ISO-POLY-3	P=0.103	P=0.066N	P=1.000	P=0.310	P=0.274	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Urinary Bladder Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	2/9 (22%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.035*
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.036*
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.035*
COCH-ARM / FISHERS	P=0.078	(e)	(e)	(e)	(e)	P=0.211
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.030*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Males					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Urinary Bladder Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/9.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Adrenal Cortex Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.243
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.244
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.243
COCH-ARM / FISHERS	P=0.267	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Adrenal Cortex Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Adrenal Cortex						
Vacuolization Cytoplasmic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Bone Marrow Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Clitoral Gland Inflammation						
LESION RATES						
OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	1/10.00	0/0.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	10%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.702N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.700N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.237N
COCH-ARM / FISHERS	P=0.132N	(e)	(e)	(e)	P=0.500N	P=0.237N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.274N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Esophagus: Muscularis Inflammation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye						
Cataract						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Anterior Chamber Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Ciliary Body Inflammation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Cornea Inflammation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
<hr/>						
Eye: Cornea						
Ulcer						
<hr/>						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<hr/>						
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Retina						
Atrophy						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Eye: Retina Degeneration						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Inflammation						
LESION RATES						
OVERALL (a)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	0/0.00	0/0.00	0/0.00	2/10.00	0/0.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	20%	0%
TERMINAL (d)	3/10 (30%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.678N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.675N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.105N
COCH-ARM / FISHERS	P=0.067N	(e)	(e)	(e)	P=0.500N	P=0.105N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.310N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Mineralization						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland Pigmentation						
LESION RATES						
OVERALL (a)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/10 (80%)	9/10 (90%)
POLY-3 RATE (b)	10/10.00	0/0.00	0/0.00	0/0.00	8/10.00	9/9.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	80%	100%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/10 (80%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	2
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.227N	P=1.000N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.227N	P=1.000N
POLY 6	(e)	(e)	(e)	(e)	P=0.227N	P=0.500N
COCH-ARM / FISHERS	P=0.355N	(e)	(e)	(e)	P=0.237N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.066N	P=0.171N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Harderian Gland: Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Heart						
Cardiomyopathy						
LESION RATES						
OVERALL (a)	7/10 (70%)	4/10 (40%)	7/10 (70%)	7/10 (70%)	6/10 (60%)	2/10 (20%)
POLY-3 RATE (b)	7/10.00	4/10.00	7/10.00	7/10.00	6/10.00	2/2.00
POLY-3 PERCENT (g)	70%	40%	70%	70%	60%	100%
TERMINAL (d)	7/10 (70%)	4/10 (40%)	7/10 (70%)	7/10 (70%)	6/10 (60%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P=0.461	P=0.186N	P=0.678	P=0.678	P=0.500N	P=0.500
POLY 1.5	P=0.462	P=0.186N	P=0.678	P=0.678	P=0.500N	P=0.509
POLY 6	P=0.461	P=0.186N	P=0.678	P=0.678	P=0.500N	P=0.500
COCH-ARM / FISHERS	P=0.028N*	P=0.185N	P=0.686N	P=0.686N	P=0.500N	P=0.035N*
MAX-ISO-POLY-3	P=0.328	P=0.089N	P=1.000	P=1.000	P=0.325N	P=0.348

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Heart Inflammation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P=0.349N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.760N
POLY 1.5	P=0.349N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.759N
POLY 6	P=0.349N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.415N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.347N	P=0.158N	P=0.158N	P=0.158N	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Intestine Small, Jejunum Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney Mineralization						
LESION RATES						
OVERALL (a)	9/10 (90%)	6/10 (60%)	6/10 (60%)	8/10 (80%)	8/10 (80%)	0/10 (0%)
POLY-3 RATE (b)	9/10.00	6/10.00	6/10.00	8/10.00	8/10.00	0/0.00
POLY-3 PERCENT (g)	90%	60%	60%	80%	80%	0%
TERMINAL (d)	9/10 (90%)	6/10 (60%)	6/10 (60%)	8/10 (80%)	8/10 (80%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.451	P=0.148N	P=0.148N	P=0.500N	P=0.500N	P=0.760N
POLY 1.5	P=0.451	P=0.148N	P=0.148N	P=0.500N	P=0.500N	P=0.744N
POLY 6	P=0.451	P=0.148N	P=0.148N	P=0.500N	P=0.500N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.152N	P=0.152N	P=0.500N	P=0.500N	P<0.001N**
MAX-ISO-POLY-3	P=0.448N	P=0.058N	P=0.058N	P=0.274N	P=0.274N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	2/10 (20%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	1/10 (10%)
POLY-3 RATE (b)	2/10.00	2/10.00	9/10.00	10/10.00	10/10.00	1/1.00
POLY-3 PERCENT (g)	20%	20%	90%	100%	100%	100%
TERMINAL (d)	2/10 (20%)	2/10 (20%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.702	P<0.001**	P<0.001**	P<0.001**	P=0.408
POLY 1.5	P<0.001**	P=0.702	P<0.001**	P<0.001**	P<0.001**	P=0.412
POLY 6	P<0.001**	P=0.702	P<0.001**	P<0.001**	P<0.001**	P=0.408
COCH-ARM / FISHERS	P=0.229N	P=0.709N	P=0.003**	P<0.001**	P<0.001**	P=0.500N
MAX-ISO-POLY-3	P<0.001**	P=1.000	P<0.001**	P<0.001**	P<0.001**	P=0.298

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney Pigmentation						
LESION RATES						
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P=0.004N**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.004N**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney: Papilla Necrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	6/10 (60%)	2/10 (20%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	6/10.00	2/10.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	60%	20%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	6/10 (60%)	2/10 (20%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P=0.006**	(e)	(e)	P<0.001**	P=0.227	P=0.243
POLY 1.5	P=0.006**	(e)	(e)	P<0.001**	P=0.227	P=0.244
POLY 6	P=0.006**	(e)	(e)	P<0.001**	P=0.227	P=0.243
COCH-ARM / FISHERS	P=0.359	(e)	(e)	P=0.005**	P=0.237	P=0.500
MAX-ISO-POLY-3	P=0.006**	(e)	(e)	P<0.001**	P=0.066	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Kidney: Renal Tubule Dilatation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Angiectasis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	---	---
STATISTICAL TESTS						
POLY 3	P=0.651	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.651	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.651	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.699N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.499	(e)	(e)	P=0.158	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Basophilic Focus						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Clear Cell Focus						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.010**	(e)	(e)	(e)	P=0.227	(e)
POLY 1.5	P=0.010**	(e)	(e)	(e)	P=0.227	(e)
POLY 6	P=0.010**	(e)	(e)	(e)	P=0.227	(e)
COCH-ARM / FISHERS	P=0.414	(e)	(e)	(e)	P=0.237	(e)
MAX-ISO-POLY-3	P=0.010**	(e)	(e)	(e)	P=0.066	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Fatty Change Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.123	(e)	(e)	(e)	P=0.500	(e)
POLY 1.5	P=0.123	(e)	(e)	(e)	P=0.500	(e)
POLY 6	P=0.123	(e)	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.585	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.122	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	5/10 (50%)	6/10 (60%)	8/10 (80%)	6/10 (60%)	9/10 (90%)	1/10 (10%)
POLY-3 RATE (b)	5/10.00	6/10.00	8/10.00	6/10.00	9/10.00	1/1.00
POLY-3 PERCENT (g)	50%	60%	80%	60%	90%	100%
TERMINAL (d)	5/10 (50%)	6/10 (60%)	8/10 (80%)	6/10 (60%)	9/10 (90%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P=0.049*	P=0.500	P=0.174	P=0.500	P=0.061	P=0.516
POLY 1.5	P=0.050*	P=0.500	P=0.174	P=0.500	P=0.061	P=0.523
POLY 6	P=0.049*	P=0.500	P=0.174	P=0.500	P=0.061	P=0.516
COCH-ARM / FISHERS	P=0.021N*	P=0.500	P=0.175	P=0.500	P=0.070	P=0.070N
MAX-ISO-POLY-3	P=0.049*	P=0.332	P=0.079	P=0.332	P=0.020*	P=0.384

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Hepatodiaphragmatic Nodule						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	1/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.137	(e)	(e)	P=0.500	P=0.500	(e)
POLY 1.5	P=0.137	(e)	(e)	P=0.500	P=0.500	(e)
POLY 6	P=0.137	(e)	(e)	P=0.500	P=0.500	(e)
COCH-ARM / FISHERS	P=0.620	(e)	(e)	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.136	(e)	(e)	P=0.158	P=0.158	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	8/10 (80%)	10/10 (100%)	10/10 (100%)	4/10 (40%)	5/10 (50%)	0/10 (0%)
POLY-3 RATE (b)	8/10.00	10/10.00	10/10.00	4/10.00	5/10.00	0/0.00
POLY-3 PERCENT (g)	80%	100%	100%	40%	50%	0%
TERMINAL (d)	8/10 (80%)	10/10 (100%)	10/10 (100%)	4/10 (40%)	5/10 (50%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001N**	P=0.227	P=0.227	P=0.077N	P=0.174N	P=0.702N
POLY 1.5	P<0.001N**	P=0.227	P=0.227	P=0.077N	P=0.174N	P=0.690N
POLY 6	P<0.001N**	P=0.227	P=0.227	P=0.077N	P=0.174N	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	P=0.237	P=0.237	P=0.085N	P=0.175N	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	P=0.066	P=0.066	P=0.029N*	P=0.079N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver						
Pigmentation						
LESION RATES						
OVERALL (a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P=0.004N**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.004N**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Bile Duct Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.123	(e)	(e)	(e)	P=0.500	(e)
POLY 1.5	P=0.123	(e)	(e)	(e)	P=0.500	(e)
POLY 6	P=0.123	(e)	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.585	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.122	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Centrilobular Fatty Change						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	9/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Hepatocyte Hypertrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	1/10 (10%)	7/10 (70%)	9/10 (90%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/10.00	7/10.00	9/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	10%	70%	90%	100%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	7/10 (70%)	9/10 (90%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.002**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	P<0.001**	P<0.001**	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

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Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Hepatocyte Necrosis						
LESION RATES						
OVERALL (a)	1/10 (10%)	6/10 (60%)	5/10 (50%)	7/10 (70%)	6/10 (60%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	6/10.00	5/10.00	7/10.00	6/10.00	2/2.00
POLY-3 PERCENT (g)	10%	60%	50%	70%	60%	100%
TERMINAL (d)	1/10 (10%)	6/10 (60%)	5/10 (50%)	7/10 (70%)	6/10 (60%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P=0.034*	P=0.018*	P=0.061	P=0.003**	P=0.018*	P=0.120
POLY 1.5	P=0.034*	P=0.018*	P=0.061	P=0.003**	P=0.018*	P=0.121
POLY 6	P=0.034*	P=0.018*	P=0.061	P=0.003**	P=0.018*	P=0.120
COCH-ARM / FISHERS	P=0.293N	P=0.029*	P=0.070	P=0.010**	P=0.029*	P=0.500
MAX-ISO-POLY-3	P=0.033*	P=0.004**	P=0.020*	P<0.001**	P=0.004**	P=0.101

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

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First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Liver: Hepatocyte, Centrilobular Necrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	7/7.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	P=0.607	(e)	(e)	(e)	(e)	P=0.243
POLY 1.5	P=0.600	(e)	(e)	(e)	(e)	P=0.244
POLY 6	P=0.607	(e)	(e)	(e)	(e)	P=0.243
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.038*	(e)	(e)	(e)	(e)	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung						
Inflammation Chronic						
LESION RATES						
OVERALL (a)	8/10 (80%)	5/10 (50%)	8/10 (80%)	8/10 (80%)	8/10 (80%)	2/10 (20%)
POLY-3 RATE (b)	8/10.00	5/10.00	8/10.00	8/10.00	8/10.00	2/2.00
POLY-3 PERCENT (g)	80%	50%	80%	80%	80%	100%
TERMINAL (d)	8/10 (80%)	5/10 (50%)	8/10 (80%)	8/10 (80%)	8/10 (80%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P=0.272	P=0.174N	P=0.702	P=0.702	P=0.702	P=0.581
POLY 1.5	P=0.275	P=0.174N	P=0.702	P=0.702	P=0.702	P=0.593
POLY 6	P=0.272	P=0.174N	P=0.702	P=0.702	P=0.702	P=0.581
COCH-ARM / FISHERS	P=0.008N**	P=0.175N	P=0.709N	P=0.709N	P=0.709N	P=0.012N*
MAX-ISO-POLY-3	P=0.272	P=0.079N	P=1.000	P=1.000	P=1.000	P=0.381

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung Thrombosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung: Alveolus Infiltration Cellular Histiocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	P=0.189	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	P=0.183	(e)	(e)	(e)	(e)	P=0.041*
POLY 6	P=0.189	(e)	(e)	(e)	(e)	P=0.040*
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	(e)	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lung: Alveolus Metaplasia Focal						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lymph Node, Mesenteric Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	6/10.00	5/5.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	60%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.005**	P=0.016*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.158	P<0.001**	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lymph Node, Mesenteric Necrosis Lymphoid						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	P=0.607	(e)	(e)	(e)	(e)	P=0.243
POLY 1.5	P=0.599	(e)	(e)	(e)	(e)	P=0.244
POLY 6	P=0.607	(e)	(e)	(e)	(e)	P=0.243
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.038*	(e)	(e)	(e)	(e)	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Lymph Node: Mediastinal Hyperplasia Lymphoid						
LESION RATES						
OVERALL (a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Glands						
Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	3/10 (30%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	3/10.00	9/10.00	10/10.00	10/10.00	0/0.00
POLY-3 PERCENT (g)	0%	30%	90%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.169N	P=0.105	P<0.001**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	P=0.025*	P<0.001**	(e)	(e)	(e)

Experiment Number: 20107 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Olfactory Epithelium Degeneration						
LESION RATES						
OVERALL (a)	0/10 (0%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	7/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	70%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.002**	P<0.001**	P<0.001**	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Olfactory Epithelium Metaplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	10/10 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	7/10.00	10/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	70%	100%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/10 (70%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	(e)	(e)	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.199	(e)	(e)	P=0.002**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P<0.001**	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Respiratory Epithelium Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	1/10 (10%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	1/10.00	7/10.00	10/10.00	10/10.00	1/1.00
POLY-3 PERCENT (g)	0%	10%	70%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P<0.001**	P<0.001**	P<0.001**	P=0.243
POLY 1.5	P<0.001**	P=0.500	P<0.001**	P<0.001**	P<0.001**	P=0.244
POLY 6	P<0.001**	P=0.500	P<0.001**	P<0.001**	P<0.001**	P=0.243
COCH-ARM / FISHERS	P=0.553	P=0.500	P=0.002**	P<0.001**	P<0.001**	P=0.500
MAX-ISO-POLY-3	P<0.001**	P=0.158	P<0.001**	(e)	(e)	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Nose: Respiratory Epithelium Metaplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	6/10 (60%)	10/10 (100%)	10/10 (100%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	6/10.00	10/10.00	10/10.00	7/7.00
POLY-3 PERCENT (g)	0%	0%	60%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	6/10 (60%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	P<0.001**	P<0.001**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.005**	P<0.001**	P<0.001**	P=0.002**
MAX-ISO-POLY-3	P<0.001**	(e)	P<0.001**	(e)	(e)	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Pancreas						
Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL (a)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)	1/10 (10%)
POLY-3 RATE (b)	7/10.00	0/0.00	0/0.00	0/0.00	4/10.00	1/1.00
POLY-3 PERCENT (g)	70%	0%	0%	0%	40%	100%
TERMINAL (d)	7/10 (70%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/10 (40%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	3
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.186N	P=0.590
POLY 1.5	(e)	(e)	(e)	(e)	P=0.186N	P=0.599
POLY 6	(e)	(e)	(e)	(e)	P=0.186N	P=0.590
COCH-ARM / FISHERS	P=0.006N**	(e)	(e)	(e)	P=0.185N	P=0.010N**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.089N	P=0.421

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Salivary Glands Fibrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen Congestion						
LESION RATES						
OVERALL (a)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	10/10.00	10/10.00	10/10.00	0/0.00
POLY-3 PERCENT (g)	0%	20%	100%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	P=0.227	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.181N	P=0.237	P<0.001**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	P=0.066	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen						
Hematopoietic Cell Proliferation						
LESION RATES						
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00	9/9.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	100%
TERMINAL (d)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P=1.000N	(e)	(e)	(e)	(e)	P=1.000N
POLY 1.5	P=1.000N	(e)	(e)	(e)	(e)	P=1.000N
POLY 6	P=0.105N	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.105N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	P=0.044N*	(e)	(e)	(e)	(e)	P=0.171N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen Pigmentation						
LESION RATES						
OVERALL (a)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/10 (0%)
POLY-3 RATE (b)	10/10.00	10/10.00	10/10.00	10/10.00	10/10.00	0/0.00
POLY-3 PERCENT (g)	100%	100%	100%	100%	100%	0%
TERMINAL (d)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=1.000N	(e)	(e)	(e)	(e)	P<0.001N**
POLY 1.5	P=1.000N	(e)	(e)	(e)	(e)	P=1.000N
POLY 6	P<0.001N**	(e)	(e)	(e)	(e)	P<0.001N**
COCH-ARM / FISHERS	P<0.001N**	(e)	(e)	(e)	(e)	P<0.001N**
MAX-ISO-POLY-3	P<0.001N**	(e)	(e)	(e)	(e)	P<0.001N**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Capsule Fibrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	3/10 (30%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	3/10.00	7/10.00	10/10.00	10/10.00	0/0.00
POLY-3 PERCENT (g)	0%	30%	70%	100%	100%	0%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	7/10 (70%)	10/10 (100%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	---
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 1.5	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	(e)
POLY 6	P<0.001**	P=0.095	P<0.001**	P<0.001**	P<0.001**	(e)
COCH-ARM / FISHERS	P=0.255N	P=0.105	P=0.002**	P<0.001**	P<0.001**	(e)
MAX-ISO-POLY-3	P<0.001**	P=0.025*	P<0.001**	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Lymphoid Follicle Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Mesothelium Hypertrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	1/10 (10%)	2/10 (20%)	9/10 (90%)	9/10 (90%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	1/10.00	2/10.00	9/10.00	9/10.00	1/1.00
POLY-3 PERCENT (g)	0%	10%	20%	90%	90%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	2/10 (20%)	9/10 (90%)	9/10 (90%)	0/0 (0%)
FIRST INCIDENCE	---	93 (T)	93 (T)	93 (T)	93 (T)	3
STATISTICAL TESTS						
POLY 3	P<0.001**	P=0.500	P=0.227	P<0.001**	P<0.001**	P=0.243
POLY 1.5	P<0.001**	P=0.500	P=0.227	P<0.001**	P<0.001**	P=0.244
POLY 6	P<0.001**	P=0.500	P=0.227	P<0.001**	P<0.001**	P=0.243
COCH-ARM / FISHERS	P=0.290	P=0.500	P=0.237	P<0.001**	P<0.001**	P=0.500
MAX-ISO-POLY-3	P<0.001**	P=0.158	P=0.066	P<0.001**	P<0.001**	P=0.135

Experiment Number: 20107 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 N,N-Dimethyl-p-toluidine
 CAS Number: 99-97-8

Date Report Requested: 09/07/2016
 Time Report Requested: 11:43:16
 First Dose M/F: 10/20/03 / 10/21/03
 Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Spleen: Red Pulp Atrophy						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Erosion						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	---	---
STATISTICAL TESTS						
POLY 3	P=0.651	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.651	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.651	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.699N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.499	(e)	(e)	P=0.158	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Hyperplasia						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	2/10 (20%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	3/10.00	2/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	30%	20%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	2/10 (20%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	93 (T)	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	P=0.095	P=0.227	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.095	P=0.227	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.095	P=0.227	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.105	P=0.237	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	P=0.025*	P=0.066	(e)

Experiment Number: 20107 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 N,N-Dimethyl-p-toluidine
 CAS Number: 99-97-8

Date Report Requested: 09/07/2016
 Time Report Requested: 11:43:16
 First Dose M/F: 10/20/03 / 10/21/03
 Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Mineralization						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	4/4.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.043*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	P<0.001**

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Forestomach Ulcer						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	8/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.500	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.158	P<0.001**

Experiment Number: 20107 - 01
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 N,N-Dimethyl-p-toluidine
 CAS Number: 99-97-8

Date Report Requested: 09/07/2016
 Time Report Requested: 11:43:16
 First Dose M/F: 10/20/03 / 10/21/03
 Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Glandular Inflammation						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	1/1.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	P=0.607	(e)	(e)	(e)	(e)	P=0.243
POLY 1.5	P=0.599	(e)	(e)	(e)	(e)	P=0.244
POLY 6	P=0.607	(e)	(e)	(e)	(e)	P=0.243
COCH-ARM / FISHERS	P=0.105	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.038*	(e)	(e)	(e)	(e)	P=0.135

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Glandular Inflammation Granulomatous						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	1/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.123	(e)	(e)	(e)	P=0.500	(e)
POLY 1.5	P=0.123	(e)	(e)	(e)	P=0.500	(e)
POLY 6	P=0.123	(e)	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.585	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	P=0.122	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Stomach, Glandular Ulcer						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	P=0.189	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	P=0.183	(e)	(e)	(e)	(e)	P=0.041*
POLY 6	P=0.189	(e)	(e)	(e)	(e)	P=0.040*
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	(e)	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Thymus Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	2/2.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	3
STATISTICAL TESTS						
POLY 3	P=0.189	(e)	(e)	(e)	(e)	P=0.040*
POLY 1.5	P=0.183	(e)	(e)	(e)	(e)	P=0.041*
POLY 6	P=0.189	(e)	(e)	(e)	(e)	P=0.040*
COCH-ARM / FISHERS	P=0.010**	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	P=0.003**	(e)	(e)	(e)	(e)	P=0.036*

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Thymus: Thymocyte Necrosis						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	2
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P<0.001**
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Thyroid Gland Infiltration Cellular Lymphocyte						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	1/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500	(e)
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500	(e)
POLY 6	(e)	(e)	(e)	(e)	P=0.500	(e)
COCH-ARM / FISHERS	P=0.733	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158	(e)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Trachea Inflammation Chronic						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Urinary Bladder Hemorrhage						
LESION RATES						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(n)	(n)	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)	(n)	(n)

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Urinary Bladder Inflammation						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	1/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	10%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	93 (T)	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.760	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.760	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.760	P=0.500N
COCH-ARM / FISHERS	P=0.327N	(e)	(e)	(e)	P=0.763N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=1.000	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

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

DOSE	Females					
	0 MG/KG	62.5 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG
Uterus: Endometrium Hyperplasia Cystic						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/10.00	0/0.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	0/0 (0%)
FIRST INCIDENCE	93 (T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.500N	P=0.760N
POLY 1.5	(e)	(e)	(e)	(e)	P=0.500N	P=0.759N
POLY 6	(e)	(e)	(e)	(e)	P=0.500N	P=0.500N
COCH-ARM / FISHERS	P=0.267N	(e)	(e)	(e)	P=0.500N	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.158N	P=0.499N

Experiment Number: 20107 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

N,N-Dimethyl-p-toluidine

CAS Number: 99-97-8

Date Report Requested: 09/07/2016

Time Report Requested: 11:43:16

First Dose M/F: 10/20/03 / 10/21/03

Lab: BAT

LEGEND

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

*** END OF REPORT ***