

Experiment Number: 93025-04
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Tetralin
CAS Number: 119-64-2

Date Report Requested: 10/19/2014
Time Report Requested: 07:44:15
First Dose M/F: NA / NA
Lab: BNW

C Number: C93025
Lock Date: 05/16/1997
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

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

MALE MOUSE

Organ

Kidney

Liver

Nose

Nose: Olfactory Epi

Nose: Respirat Epith

Urinary Bladder: Transit Epithe

FEMALE MOUSE

Organ

Nose

Nose: Olfactory Epi

Nose: Respirat Epith

Ovary

Urinary Bladder: Transit Epithe

Uterus

Morphology

Nephropathy

Eosinophilic Focus

Infiltration Cellular Mononuclear CI

Metaplasia

Accumulation Hyaline Droplet

Eosinophilic Granules Cytoplasmic

Morphology

Infiltration Cellular Mononuclear CI

Accumulation Hyaline Droplet

Metaplasia

Accumulation Hyaline Droplet

Atrophy

Eosinophilic Granules Cytoplasmic

Atrophy

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Kidney						
Nephropathy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	1/1.00	0/0.00	0/0.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	100%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	95(T)	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=0.091	(e)	(e)	P=0.500
POLY 1.5	(e)	(e)	P=0.091	(e)	(e)	P=0.500
POLY 6	(e)	(e)	P=0.091	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.553	(e)	P=0.091	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Liver						
Eosinophilic Focus						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	1/1.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	95(T)	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	P=0.091	(e)	(e)
POLY 1.5	(e)	(e)	(e)	P=0.091	(e)	(e)
POLY 6	(e)	(e)	(e)	P=0.091	(e)	(e)
COCH-ARM / FISHERS	P=0.510N	(e)	(e)	P=0.091	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 93025-04
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Lung						
Hemorrhage						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (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)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

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Test Compound: Tetralin
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 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose						
Infiltration Cellular Mononuclear CI						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	2/2 (100%)	3/10 (30%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	2/2.00	3/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	100%	30%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	2/2 (100%)	3/10 (30%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	95(T)	95(T)	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	P=NA	P=0.095	(e)	(e)
POLY 1.5	(e)	(e)	P=NA	P=0.095	(e)	(e)
POLY 6	(e)	(e)	P=NA	P=0.095	(e)	(e)
COCH-ARM / FISHERS	P=0.131N	(e)	P=0.015*	P=0.105	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	P=0.000**	P=0.025*	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

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 Species/Strain: Mouse/B6C3F1

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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose: Olfactory Epi						
Accumulation Hyaline Droplet						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/2.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	0/10 (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)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Species/Strain: Mouse/B6C3F1

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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose: Olfactory Epi Metaplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/2.00	0/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	90%	100%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.000**	P=NA
POLY 1.5	(e)	(e)	(e)	(e)	P=0.000**	P=NA
POLY 6	(e)	(e)	(e)	(e)	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.000**	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose: Respirat Epith						
Accumulation Hyaline Droplet						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/2.00	0/10.00	0/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	90%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/2 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	---	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

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 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	MALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Urinary Bladder: Transit Epithe						
Eosinophilic Granules Cytoplasmic						
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%)	10/10 (100%)
FIRST INCIDENCE	---	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P<0.001**	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P<0.001**	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P<0.001**	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Kidney						
Nephropathy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (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)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Liver						
Eosinophilic Focus						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (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)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Lung						
Hemorrhage						
LESION RATES						
OVERALL(a)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	0%	0%	0%
TERMINAL (d)	1/10 (10%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	95(T)	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.500N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.500N
COCH-ARM / FISHERS	P=0.304N	(e)	(e)	(e)	(e)	P=0.500N
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

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 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose						
Infiltration Cellular Mononuclear CI						
LESION RATES						
OVERALL(a)	0/10 (0%)	4/4 (100%)	1/1 (100%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	4/4.00	1/1.00	2/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	100%	100%	20%	0%	0%
TERMINAL (d)	0/10 (0%)	4/4 (100%)	1/1 (100%)	2/10 (20%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	95(T)	95(T)	95(T)	---	---
STATISTICAL TESTS						
POLY 3	P=0.000N**	P=NA	P=0.091	P=0.227	(e)	(e)
POLY 1.5	P=0.000N**	P=NA	P=0.091	P=0.227	(e)	(e)
POLY 6	P=0.000N**	P=NA	P=0.091	P=0.227	(e)	(e)
COCH-ARM / FISHERS	P=0.032N*	P<0.001**	P=0.091	P=0.237	(e)	(e)
MAX-ISO-POLY-3	P=0.000N**	P=0.000**	P=0.000**	P=0.067	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Tetralin
 CAS Number: 119-64-2

Date Report Requested: 10/19/2014
 Time Report Requested: 07:44:15
 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose: Olfactory Epi						
Accumulation Hyaline Droplet						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/4 (0%)	0/1 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
POLY-3 RATE (b)	0/10.00	0/4.00	0/1.00	0/10.00	1/10.00	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	40%
TERMINAL (d)	0/10 (0%)	0/4 (0%)	0/1 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	---	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.033*
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.033*
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.500	P=0.033*
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	P=0.500	P=0.043*
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	P=0.159	P=0.007**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Tetralin
 CAS Number: 119-64-2

Date Report Requested: 10/19/2014
 Time Report Requested: 07:44:15
 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose: Olfactory Epi Metaplasia						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/4 (0%)	0/1 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/4.00	0/1.00	0/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	100%	100%
TERMINAL (d)	0/10 (0%)	0/4 (0%)	0/1 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=NA	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Tetralin
 CAS Number: 119-64-2

Date Report Requested: 10/19/2014
 Time Report Requested: 07:44:15
 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Nose: Respirat Epith						
Accumulation Hyaline Droplet						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/4 (0%)	0/1 (0%)	0/10 (0%)	8/10 (80%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/4.00	0/1.00	0/10.00	8/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	80%	100%
TERMINAL (d)	0/10 (0%)	0/4 (0%)	0/1 (0%)	0/10 (0%)	8/10 (80%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Tetralin
 CAS Number: 119-64-2

Date Report Requested: 10/19/2014
 Time Report Requested: 07:44:15
 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Ovary Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	4/10 (40%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	4/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	40%	80%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	4/10 (40%)	8/10 (80%)
FIRST INCIDENCE	---	---	---	---	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	(e)	(e)	(e)	(e)	P=0.033*	P=0.000**
POLY 1.5	(e)	(e)	(e)	(e)	P=0.033*	P=0.000**
POLY 6	(e)	(e)	(e)	(e)	P=0.033*	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.043*	P=0.000**
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.007**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Tetralin
 CAS Number: 119-64-2

Date Report Requested: 10/19/2014
 Time Report Requested: 07:44:15
 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Ovary						
Cyst						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/10.00	1/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	95(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=0.696	(e)	(e)	(e)	P=0.500	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	P=0.159	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Tetralin
 CAS Number: 119-64-2

Date Report Requested: 10/19/2014
 Time Report Requested: 07:44:15
 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Urinary Bladder: Transit Epithe						
Eosinophilic Granules Cytoplasmic						
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%)	10/10 (100%)
FIRST INCIDENCE	---	95(T)	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P<0.001**	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P<0.001**	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P<0.001**	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P<0.001**	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04
 Test Type: 90-DAY
 Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Tetralin
 CAS Number: 119-64-2

Date Report Requested: 10/19/2014
 Time Report Requested: 07:44:15
 First Dose M/F: NA / NA
 Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)
 LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	7.5 PPM	15 PPM	30 PPM	60 PPM	120 PPM
Uterus						
Atrophy						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/10 (0%)	2/10 (20%)	2/10 (20%)	6/10 (60%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	2/10.00	2/10.00	6/10.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	20%	20%	60%	80%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	2/10 (20%)	2/10 (20%)	6/10 (60%)	8/10 (80%)
FIRST INCIDENCE	---	---	95(T)	95(T)	95(T)	95(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	P=0.227	P=0.227	P<0.001**	P=0.000**
POLY 1.5	P=0.000**	(e)	P=0.227	P=0.227	P<0.001**	P=0.000**
POLY 6	P=0.000**	(e)	P=0.227	P=0.227	P<0.001**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.237	P=0.237	P=0.005**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.067	P=0.067	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 93025-04

Test Type: 90-DAY

Species/Strain: Mouse/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/19/2014

Time Report Requested: 07:44:15

First Dose M/F: NA / NA

Lab: BNW

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 ****