

**Experiment Number:** 88124-01

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** Indium phosphide

**CAS Number:** 22398-80-7

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 07:31:11

**First Dose M/F:** NA / NA

**Lab:** BNW

**C Number:** C88124

**Lock Date:** 01/24/1996

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

**PWG Approval Date:** NONE

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

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Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF INDIUM PHOSPHIDE**

**MALE RAT**

**Organ**

Adrenal Cortex: Zona Fasciata  
Bone Marrow  
Epididymis  
Heart  
  
Kidney  
Larynx  
  
Liver  
Liver: Centrilobular, Hepatocyte  
  
Lung  
  
Lung: Alveolar Epith  
Lung: Alveolus  
  
Lung: Interstitium  
Lymph Node, Bronchial  
  
Lymph Node, Mandibular  
Lymph Node, Mediastinal  
  
Nose  
Prostate  
Seminal Vesicle  
Skin  
Spleen  
Testes: Germinal Epith  
Thymus

**Morphology**

Vacuolization Cytoplasmic  
Hyperplasia  
Degeneration  
Cardiomyopathy  
Hypertrophy  
Nephropathy  
Foreign Body  
Inflammation Chronic  
Hepatodiaphragmatic Nodule  
Atrophy  
Necrosis  
Foreign Body  
Inflammation Chronic  
Hyperplasia  
Infiltration Cellular Histiocyte  
Proteinosis  
Fibrosis  
Hyperplasia  
Pigmentation  
Atrophy  
Hyperplasia  
Pigmentation  
Foreign Body  
Atrophy  
Atrophy  
Ulcer  
Hematopoietic Cell Proliferation  
Degeneration  
Atrophy

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

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First Dose M/F: NA / NA

Lab: BNW

**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF INDIUM PHOSPHIDE**

Trachea

**FEMALE RAT**

**Organ**

Adrenal Cortex: Zona Fasciculata

Bone Marrow

Heart

Kidney

Larynx

Liver

Liver: Centrilobular, Hepatocyte

Lung

Lung: Alveolar Epithelium

Lung: Alveolus

Lung: Interstitium

Lymph Node, Bronchial

Lymph Node, Mandibular

Lymph Node, Mediastinal

Nose

Ovary

Spleen

Thymus

Foreign Body

**Morphology**

Vacuolization Cytoplasmic

Hyperplasia

Cardiomyopathy

Hypertrophy

Mineralization

Nephropathy

Foreign Body

Inflammation Chronic

Hepatodiaphragmatic Nodule

Pigmentation Hemosiderin

Atrophy

Necrosis

Foreign Body

Inflammation Chronic

Hyperplasia

Infiltration Cellular Histiocyte

Proteinosis

Fibrosis

Hyperplasia

Pigmentation

Atrophy

Hyperplasia

Pigmentation

Foreign Body

Inflammation Chronic

Atrophy

Hematopoietic Cell Proliferation

Atrophy

**Experiment Number:** 88124-01

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** Indium phosphide

**CAS Number:** 22398-80-7

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 07:31:11

**First Dose M/F:** NA / NA

**Lab:** BNW

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

Trachea

Uterus

Foreign Body

Atrophy

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Adrenal Cortex</b>						
<b>Hemorrhage</b>						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Adrenal Cortex: Zona Fasciata</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	---	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Bone Marrow</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	---	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Bone Marrow</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Epididymis</b>						
<b>Degeneration</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	---	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Heart</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	6/10 (60%)	7/10 (70%)	6/10 (60%)	3/10 (30%)	5/10 (50%)	2/10 (20%)
POLY-3 RATE (b)	6/10.00	7/10.00	6/10.00	3/10.00	5/10.00	2/9.79
POLY-3 PERCENT (g)	60%	70%	60%	30%	50%	20.4%
TERMINAL (d)	6/10 (60%)	7/10 (70%)	6/10 (60%)	3/10 (30%)	5/10 (50%)	2/9 (22%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.033N*	P=0.500	P=0.667	P=0.186N	P=0.500N	P=0.083N
POLY 1.5	P=0.031N*	P=0.500	P=0.667	P=0.186N	P=0.500N	P=0.080N
POLY 6	P=0.036N*	P=0.500	P=0.667	P=0.186N	P=0.500N	P=0.087N
COCH-ARM / FISHERS	P=0.031N*	P=0.500	P=0.675N	P=0.185N	P=0.500N	P=0.085N
MAX-ISO-POLY-3	P=0.043N*	P=0.327	P=1.000	P=0.090N	P=0.334N	P=0.033N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Heart Hypertrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	8/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	81.7%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/9 (89%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Kidney Mineralization</b>						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Kidney</b>						
<b>Nephropathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	7/10 (70%)	4/10 (40%)	5/10 (50%)	1/10 (10%)	4/10 (40%)	10/10 (100%)
POLY-3 RATE (b)	7/10.00	4/10.00	5/10.00	1/10.00	4/10.00	10/10.00
POLY-3 PERCENT (g)	70%	40%	50%	10%	40%	100%
TERMINAL (d)	7/10 (70%)	4/10 (40%)	5/10 (50%)	1/10 (10%)	4/10 (40%)	9/9 (100%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P<0.001**	P=0.186N	P=0.329N	P=0.003N**	P=0.186N	P=0.095
POLY 1.5	P<0.001**	P=0.186N	P=0.329N	P=0.003N**	P=0.186N	P=0.095
POLY 6	P<0.001**	P=0.186N	P=0.329N	P=0.003N**	P=0.186N	P=0.095
COCH-ARM / FISHERS	P=0.004**	P=0.185N	P=0.325N	P=0.010N**	P=0.185N	P=0.105
MAX-ISO-POLY-3	P=0.002**	P=0.090N	P=0.189N	P=0.001N**	P=0.090N	P=0.025*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Larynx</b>						
<b>Foreign Body</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00	9/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	100%	90%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	8/9 (89%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=NA	P=NA	P=NA	P=NA	P=0.000**
POLY 1.5	P=0.000**	P=NA	P=NA	P=NA	P=NA	P=0.000**
POLY 6	P=0.000**	P=NA	P=NA	P=NA	P=NA	P=0.000**
COCH-ARM / FISHERS	P=0.113	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)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Larynx</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Larynx</b>						
<b>Inflammation Acute</b>						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Larynx</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	5/10 (50%)	8/10 (80%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	5/10.00	8/10.00	9/10.00	0/9.79
POLY-3 PERCENT (g)	0%	0%	50%	80%	90%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	5/10 (50%)	8/10 (80%)	9/10 (90%)	0/9 (0%)
FIRST INCIDENCE	---	---	94(T)	94(T)	94(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.077N	(e)	P=0.008**	P=0.000**	P=0.000**	(e)
POLY 1.5	P=0.070N	(e)	P=0.008**	P=0.000**	P=0.000**	(e)
POLY 6	P=0.090N	(e)	P=0.008**	P=0.000**	P=0.000**	(e)
COCH-ARM / FISHERS	P=0.167N	(e)	P=0.016*	P=0.000**	P=0.000**	(e)
MAX-ISO-POLY-3	P=0.000**	(e)	P<0.001**	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver						
Eosinophilic Focus						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	1/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.2%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.496
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.498
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.492
COCH-ARM / FISHERS	P=0.332	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver						
Hematopoietic Cell Proliferation						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	1/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.2%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.496
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.498
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.492
COCH-ARM / FISHERS	P=0.332	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	1/1 (100%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	4/10 (40%)
POLY-3 RATE (b)	1/10.00	1/1.00	1/1.00	1/1.00	0/0.00	4/9.79
POLY-3 PERCENT (g)	10%	100%	100%	100%	0%	40.9%
TERMINAL (d)	1/10 (10%)	1/1 (100%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	4/9 (44%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.146	P=0.146	P=0.146	(e)	P=0.140
POLY 1.5	(e)	P=0.146	P=0.146	P=0.146	(e)	P=0.144
POLY 6	(e)	P=0.146	P=0.146	P=0.146	(e)	P=0.135
COCH-ARM / FISHERS	P=0.407	P=0.182	P=0.182	P=0.182	(e)	P=0.152
MAX-ISO-POLY-3	(e)	P=0.022*	P=0.022*	P=0.022*	(e)	P=0.056
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver</b>						
<b>Infiltration Cellular Mononuclear CI</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	1/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.2%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.496
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.498
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.492
COCH-ARM / FISHERS	P=0.332	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver						
Necrosis						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	0/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver						
Pigmentation Hemosiderin						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	2/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20.4%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	2/9 (22%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.221
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.224
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.217
COCH-ARM / FISHERS	P=0.123	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.066
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver: Bile Duct</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	2/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	20.4%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	2/9 (22%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.221
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.224
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.217
COCH-ARM / FISHERS	P=0.123	(e)	(e)	(e)	(e)	P=0.237
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.066
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver: Centrilobular, Hepatocyte</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	6/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	61.3%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	6/9 (67%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.005**
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						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver: Centrilobular, Hepatocyte</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/1.00	0/1.00	0/0.00	5/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	51.1%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/1 (0%)	0/1 (0%)	0/0 (0%)	5/9 (56%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.007**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.008**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.006**
COCH-ARM / FISHERS	P=0.006**	(e)	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung</b>						
<b>Foreign Body</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.023*	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.023*	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Alveolar Epith Hyperplasia</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.023*	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Alveolus</b>						
<b>Infiltration Cellular Histiocyte</b>						
<b>LESION RATES</b>						
OVERALL(a)	4/10 (40%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	4/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/9.79
POLY-3 PERCENT (g)	40%	0%	0%	0%	0%	0%
TERMINAL (d)	4/10 (40%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.148N	P=0.033N*	P=0.033N*	P=0.033N*	P=0.033N*	P=0.035N*
POLY 1.5	P=0.147N	P=0.033N*	P=0.033N*	P=0.033N*	P=0.033N*	P=0.034N*
POLY 6	P=0.149N	P=0.033N*	P=0.033N*	P=0.033N*	P=0.033N*	P=0.037N*
COCH-ARM / FISHERS	P=0.187N	P=0.043N*	P=0.043N*	P=0.043N*	P=0.043N*	P=0.043N*
MAX-ISO-POLY-3	P=0.000N**	P=0.007N**	P=0.007N**	P=0.007N**	P=0.007N**	P=0.008N**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Alveolus</b>						
<b>Proteinosis</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.023*	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Interstitium</b>						
<b>Fibrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	10/10.00	10/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	100%	100%	90%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	9/9 (100%)
FIRST INCIDENCE	---	---	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=NA	P=NA	P=0.000**	P=NA
POLY 1.5	P=0.000**	(e)	P=NA	P=NA	P=0.000**	P=NA
POLY 6	P=0.000**	(e)	P=NA	P=NA	P=0.000**	P=NA
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.000**	P=0.000**	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Lung: Serosa Hemorrhage						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.621N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.504N
POLY 1.5	P=0.621N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.502N
POLY 6	P=0.620N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.508N
COCH-ARM / FISHERS	P=0.623N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.500N
MAX-ISO-POLY-3	P=0.082N	P=0.159N	P=0.159N	P=0.159N	P=0.159N	P=0.164N
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Bronchial Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	5/10 (50%)	4/8 (50%)	3/10 (30%)	6/10 (60%)	3/9 (33%)
POLY-3 RATE (b)	0/9.00	5/10.00	4/8.00	3/10.00	6/10.00	3/9.00
POLY-3 PERCENT (g)	0%	50%	50%	30%	60%	33.3%
TERMINAL (d)	0/9 (0%)	5/10 (50%)	4/8 (50%)	3/10 (30%)	6/10 (60%)	2/8 (25%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.527	P=0.013*	P=0.016*	P=0.114	P=0.002**	P=0.091
POLY 1.5	P=0.527	P=0.013*	P=0.016*	P=0.114	P=0.002**	P=0.091
POLY 6	P=0.527	P=0.013*	P=0.016*	P=0.114	P=0.002**	P=0.091
COCH-ARM / FISHERS	P=0.526	P=0.022*	P=0.029*	P=0.124	P=0.008**	P=0.103
MAX-ISO-POLY-3	P=0.029*	P=0.003**	P=0.003**	P=0.035*	P=0.000**	P=0.023*
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Bronchial Pigmentation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	9/10 (90%)	8/8 (100%)	10/10 (100%)	10/10 (100%)	9/9 (100%)
POLY-3 RATE (b)	0/9.00	9/10.00	8/8.00	10/10.00	10/10.00	9/9.00
POLY-3 PERCENT (g)	0%	90%	100%	100%	100%	100%
TERMINAL (d)	0/9 (0%)	9/10 (90%)	8/8 (100%)	10/10 (100%)	10/10 (100%)	8/8 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.022*	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mandibular Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/8.00	6/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	60%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/8 (0%)	5/9 (56%)
FIRST INCIDENCE	---	---	---	---	---	87
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	(e)	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P=0.005**
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						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mediastinal Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/5 (0%)	0/8 (0%)	0/10 (0%)	0/8 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.00	0/5.00	0/8.00	0/10.00	0/8.00	0/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	0/5 (0%)	0/8 (0%)	0/10 (0%)	0/8 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mediastinal Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	3/5 (60%)	7/8 (88%)	8/10 (80%)	6/8 (75%)	8/10 (80%)
POLY-3 RATE (b)	0/9.00	3/5.00	7/8.00	8/10.00	6/8.00	8/9.79
POLY-3 PERCENT (g)	0%	60%	87.5%	80%	75%	81.7%
TERMINAL (d)	0/9 (0%)	3/5 (60%)	7/8 (88%)	8/10 (80%)	6/8 (75%)	8/9 (89%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.037*	P=0.006**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
POLY 1.5	P=0.042*	P=0.006**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
POLY 6	P=0.030*	P=0.006**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.088	P=0.027*	P=0.000**	P<0.001**	P=0.002**	P<0.001**
MAX-ISO-POLY-3	P=0.000**	P<0.001**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mediastinal Pigmentation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	4/5 (80%)	8/8 (100%)	9/10 (90%)	7/8 (88%)	9/10 (90%)
POLY-3 RATE (b)	0/9.00	4/5.00	8/8.00	9/10.00	7/8.00	9/9.79
POLY-3 PERCENT (g)	0%	80%	100%	90%	87.5%	91.9%
TERMINAL (d)	0/9 (0%)	4/5 (80%)	8/8 (100%)	9/10 (90%)	7/8 (88%)	9/9 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.004**	P=0.000**	P=NA	P=0.000**	P=0.000**	P=0.000**
POLY 1.5	P=0.005**	P=0.000**	P=NA	P=0.000**	P=0.000**	P=0.000**
POLY 6	P=0.002**	P=0.000**	P=NA	P=0.000**	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.062	P=0.005**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	(e)	P=0.000**	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mesenteric Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/8 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/8.00
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%)	0/8 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Mesentery: Fat</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/1 (100%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	0/0.00	0/0.00	1/1.00	1/1.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	100%	100%	0%
TERMINAL (d)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/1 (100%)	1/1 (100%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	94(T)	94(T)	---
<b>STATISTICAL TESTS</b>						
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)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Nose</b>						
<b>Foreign Body</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/10 (10%)	1/10 (10%)	8/10 (80%)	8/10 (80%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/10.00	1/10.00	8/10.00	8/10.00	10/10.00
POLY-3 PERCENT (g)	0%	10%	10%	80%	80%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	1/10 (10%)	8/10 (80%)	8/10 (80%)	9/9 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.500	P=0.500	P=0.000**	P=0.000**	P=NA
POLY 1.5	P=0.000**	P=0.500	P=0.500	P=0.000**	P=0.000**	P=NA
POLY 6	P=0.000**	P=0.500	P=0.500	P=0.000**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.500	P=0.500	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.159	P=0.159	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Nose</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Nose: Nasolacrim Dct</b>						
<b>Inflammation Acute</b>						
<b>LESION RATES</b>						
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	0/9.79
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Pancreas: Acinus</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/0.00	0/0.00	1/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10.2%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/9 (11%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.496
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.498
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.492
COCH-ARM / FISHERS	P=0.379	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Prostate Atrophy</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	---	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Seminal Vesicle</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/9 (100%)
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%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Skin</b>						
<b>Ulcer</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/1.00	0/0.00	0/0.00	0/0.00	0/9.79
POLY-3 PERCENT (g)	0%	100%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)
FIRST INCIDENCE	---	94(T)	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 1.5	(e)	P=0.091	(e)	(e)	(e)	(e)
POLY 6	(e)	P=0.091	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.405N	P=0.091	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	P=0.000**	(e)	(e)	(e)	(e)
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						



Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Spleen</b>						
<b>Hematopoietic Cell Proliferation</b>						
<b>LESION RATES</b>						
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%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	---	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Testes</b>						
<b>Mineralization</b>						
<b>LESION RATES</b>						
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	0/10.00	0/9.79
POLY-3 PERCENT (g)	0%	0%	10%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	94(T)	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.653N	(e)	P=0.500	(e)	(e)	(e)
POLY 1.5	P=0.653N	(e)	P=0.500	(e)	(e)	(e)
POLY 6	P=0.652N	(e)	P=0.500	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.655N	(e)	P=0.500	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.523N	(e)	P=0.159	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Testes: Germinal Epith Degeneration</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/10 (50%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	5/9.79
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	51.1%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	5/9 (56%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.007**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.008**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.006**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.016*
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Testes: Sertoli Cell Degeneration</b>						
<b>LESION RATES</b>						
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	0/10.00	0/9.79
POLY-3 PERCENT (g)	0%	0%	10%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	94(T)	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.653N	(e)	P=0.500	(e)	(e)	(e)
POLY 1.5	P=0.653N	(e)	P=0.500	(e)	(e)	(e)
POLY 6	P=0.652N	(e)	P=0.500	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.655N	(e)	P=0.500	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.523N	(e)	P=0.159	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Thymus						
Atrophy						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	8/9 (89%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	8/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	88.9%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	7/8 (88%)
FIRST INCIDENCE	---	---	---	---	---	87
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Thymus Hemorrhage</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/8.79
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%)	0/8 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.638N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.526N
POLY 1.5	P=0.639N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.523N
POLY 6	P=0.637N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.529N
COCH-ARM / FISHERS	P=0.641N	P=0.500N	P=0.500N	P=0.500N	P=0.500N	P=0.526N
MAX-ISO-POLY-3	P=0.103N	P=0.159N	P=0.159N	P=0.159N	P=0.159N	P=0.184N
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 13 WEEKS**

DOSE	MALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Trachea</b>						
<b>Foreign Body</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	5/10 (50%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/10.00	1/10.00	2/10.00	5/10.00	8/9.79
POLY-3 PERCENT (g)	0%	0%	10%	20%	50%	81.7%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	2/10 (20%)	5/10 (50%)	8/9 (89%)
FIRST INCIDENCE	---	---	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=0.500	P=0.227	P=0.008**	P=0.000**
POLY 1.5	P=0.000**	(e)	P=0.500	P=0.227	P=0.008**	P=0.000**
POLY 6	P=0.000**	(e)	P=0.500	P=0.227	P=0.008**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	P=0.500	P=0.237	P=0.016*	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.159	P=0.067	P<0.001**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Adrenal Cortex</b>						
<b>Hemorrhage</b>						
<b>LESION RATES</b>						
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	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.124	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.122	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.076	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Adrenal Cortex: Zona Fasciata</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
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	4/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	10%	40%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	4/10 (40%)
FIRST INCIDENCE	---	---	---	---	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.500	P=0.033*
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.500	P=0.033*
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.500	P=0.033*
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.500	P=0.043*
MAX-ISO-POLY-3	P=0.000**	(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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Bone Marrow</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	3/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	30%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	P=0.095	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	P=0.095	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	P=0.095	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	P=0.105	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	P=0.025*	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Bone Marrow</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
OVERALL(a)	2/10 (20%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	1/10.00	1/10.00	1/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	20%	10%	10%	10%	0%	0%
TERMINAL (d)	2/10 (20%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.180N	P=0.500N	P=0.500N	P=0.500N	P=0.227N	P=0.227N
POLY 1.5	P=0.180N	P=0.500N	P=0.500N	P=0.500N	P=0.227N	P=0.227N
POLY 6	P=0.180N	P=0.500N	P=0.500N	P=0.500N	P=0.227N	P=0.227N
COCH-ARM / FISHERS	P=0.175N	P=0.500N	P=0.500N	P=0.500N	P=0.237N	P=0.237N
MAX-ISO-POLY-3	P=0.104N	P=0.274N	P=0.274N	P=0.274N	P=0.067N	P=0.067N
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Clitoral Gland</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	94(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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=0.379N	(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						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Heart</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	1/10 (10%)	1/10 (10%)	2/10 (20%)	3/10 (30%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	1/10.00	1/10.00	2/10.00	3/10.00	0/10.00
POLY-3 PERCENT (g)	30%	10%	10%	20%	30%	0%
TERMINAL (d)	3/10 (30%)	1/10 (10%)	1/10 (10%)	2/10 (20%)	3/10 (30%)	0/10 (0%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	94(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.189N	P=0.292N	P=0.292N	P=0.500N	P=0.678	P=0.095N
POLY 1.5	P=0.189N	P=0.292N	P=0.292N	P=0.500N	P=0.678	P=0.095N
POLY 6	P=0.189N	P=0.292N	P=0.292N	P=0.500N	P=0.678	P=0.095N
COCH-ARM / FISHERS	P=0.187N	P=0.291N	P=0.291N	P=0.500N	P=0.686N	P=0.105N
MAX-ISO-POLY-3	P=0.067N	P=0.138N	P=0.138N	P=0.311N	P=1.000	P=0.025N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Heart Hypertrophy</b>						
<b>LESION RATES</b>						
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%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Kidney Mineralization</b>						
<b>LESION RATES</b>						
OVERALL(a)	10/10 (100%)	8/10 (80%)	9/10 (90%)	9/10 (90%)	8/10 (80%)	7/10 (70%)
POLY-3 RATE (b)	10/10.00	8/10.00	9/10.00	9/10.00	8/10.00	7/10.00
POLY-3 PERCENT (g)	100%	80%	90%	90%	80%	70%
TERMINAL (d)	10/10 (100%)	8/10 (80%)	9/10 (90%)	9/10 (90%)	8/10 (80%)	7/10 (70%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.107N	P=0.227N	P=0.500N	P=0.500N	P=0.227N	P=0.095N
POLY 1.5	P=0.107N	P=0.227N	P=0.500N	P=0.500N	P=0.227N	P=0.095N
POLY 6	P=0.107N	P=0.227N	P=0.500N	P=0.500N	P=0.227N	P=0.095N
COCH-ARM / FISHERS	P=0.103N	P=0.237N	P=0.500N	P=0.500N	P=0.237N	P=0.105N
MAX-ISO-POLY-3	P=0.059N	P=0.067N	P=0.159N	P=0.159N	P=0.067N	P=0.025N*
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Kidney</b>						
<b>Nephropathy</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	10/10 (100%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	1/10.00	1/10.00	10/10.00
POLY-3 PERCENT (g)	10%	0%	0%	10%	10%	100%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	1/10 (10%)	10/10 (100%)
FIRST INCIDENCE	94(T)	---	---	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.000**
POLY 1.5	P=0.000**	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.000**
POLY 6	P=0.000**	P=0.500N	P=0.500N	P=0.760	P=0.760	P=0.000**
COCH-ARM / FISHERS	P=0.000**	P=0.500N	P=0.500N	P=0.763N	P=0.763N	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.159N	P=0.159N	P=1.000	P=1.000	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Larynx						
Foreign Body						
LESION RATES						
OVERALL(a)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	10/10.00	10/10.00	10/10.00	9/10.00	9/10.00
POLY-3 PERCENT (g)	0%	100%	100%	100%	90%	90%
TERMINAL (d)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	9/10 (90%)	9/10 (90%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
STATISTICAL TESTS						
POLY 3	P=0.007**	P=NA	P=NA	P=NA	P=0.000**	P=0.000**
POLY 1.5	P=0.007**	P=NA	P=NA	P=NA	P=0.000**	P=0.000**
POLY 6	P=0.007**	P=NA	P=NA	P=NA	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.132	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)	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:11

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Larynx</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
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	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.124	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.122	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.076	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Larynx</b>						
<b>Inflammation Acute</b>						
<b>LESION RATES</b>						
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	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.124	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.122	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.076	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Larynx</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	9/10 (90%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	2/10.00	6/10.00	9/10.00	9/10.00	0/10.00
POLY-3 PERCENT (g)	0%	20%	60%	90%	90%	0%
TERMINAL (d)	0/10 (0%)	2/10 (20%)	6/10 (60%)	9/10 (90%)	9/10 (90%)	0/10 (0%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.010N**	P=0.227	P<0.001**	P=0.000**	P=0.000**	(e)
POLY 1.5	P=0.010N**	P=0.227	P<0.001**	P=0.000**	P=0.000**	(e)
POLY 6	P=0.010N**	P=0.227	P<0.001**	P=0.000**	P=0.000**	(e)
COCH-ARM / FISHERS	P=0.062N	P=0.237	P=0.005**	P=0.000**	P=0.000**	(e)
MAX-ISO-POLY-3	P=0.000**	P=0.067	P=0.000**	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver</b>						
<b>Eosinophilic Focus</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver						
Hematopoietic Cell Proliferation						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver</b>						
<b>Hepatodiaphragmatic Nodule</b>						
<b>LESION RATES</b>						
OVERALL(a)	1/10 (10%)	1/1 (100%)	2/2 (100%)	1/1 (100%)	2/2 (100%)	7/10 (70%)
POLY-3 RATE (b)	1/10.00	1/1.00	2/2.00	1/1.00	2/2.00	7/10.00
POLY-3 PERCENT (g)	10%	100%	100%	100%	100%	70%
TERMINAL (d)	1/10 (10%)	1/1 (100%)	2/2 (100%)	1/1 (100%)	2/2 (100%)	7/10 (70%)
FIRST INCIDENCE	94(T)	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.040*	P=0.146	P=0.005**	P=0.146	P=0.005**	P=0.003**
POLY 1.5	P=0.040*	P=0.146	P=0.005**	P=0.146	P=0.005**	P=0.003**
POLY 6	P=0.040*	P=0.146	P=0.005**	P=0.146	P=0.005**	P=0.003**
COCH-ARM / FISHERS	P=0.087	P=0.182	P=0.045*	P=0.182	P=0.045*	P=0.010**
MAX-ISO-POLY-3	P=0.000**	P=0.022*	P<0.001**	P=0.022*	P<0.001**	P<0.001**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver</b>						
<b>Infiltration Cellular Mononuclear CI</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver						
Necrosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	1/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	10%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	P=0.321	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.321	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.321	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.304	(e)	(e)	(e)	(e)	P=0.500
MAX-ISO-POLY-3	P=0.270	(e)	(e)	(e)	(e)	P=0.159
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver</b>						
<b>Pigmentation Hemosiderin</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	6/10 (60%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	6/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	60%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	6/10 (60%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	P=0.005**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Liver: Bile Duct</b>						
<b>Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver: Centrilobular, Hepatocyte						
Atrophy						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	8/10 (80%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	8/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	80%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	8/10 (80%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Liver: Centrilobular, Hepatocyte						
Necrosis						
LESION RATES						
OVERALL(a)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/1.00	0/2.00	0/1.00	0/2.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	90%
TERMINAL (d)	0/10 (0%)	0/1 (0%)	0/2 (0%)	0/1 (0%)	0/2 (0%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
STATISTICAL TESTS						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung</b>						
<b>Foreign Body</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	9/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	90%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	9/10 (90%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.016*	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	(e)	(e)	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
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	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.023*	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Alveolar Epith Hyperplasia</b>						
<b>LESION RATES</b>						
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	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.023*	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Alveolus</b>						
<b>Infiltration Cellular Histiocyte</b>						
<b>LESION RATES</b>						
OVERALL(a)	3/10 (30%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	3/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	30%	0%	0%	0%	0%	0%
TERMINAL (d)	3/10 (30%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	94(T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.247N	P=0.095N	P=0.095N	P=0.095N	P=0.095N	P=0.095N
POLY 1.5	P=0.247N	P=0.095N	P=0.095N	P=0.095N	P=0.095N	P=0.095N
POLY 6	P=0.247N	P=0.095N	P=0.095N	P=0.095N	P=0.095N	P=0.095N
COCH-ARM / FISHERS	P=0.268N	P=0.105N	P=0.105N	P=0.105N	P=0.105N	P=0.105N
MAX-ISO-POLY-3	P=0.001N**	P=0.025N*	P=0.025N*	P=0.025N*	P=0.025N*	P=0.025N*
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Alveolus</b>						
<b>Proteinosis</b>						
<b>LESION RATES</b>						
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	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.023*	P=NA	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.023*	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Interstitium Fibrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	0/10.00	10/10.00	10/10.00	10/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	100%	100%	100%	100%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	10/10 (100%)	10/10 (100%)	10/10 (100%)	10/10 (100%)
FIRST INCIDENCE	---	---	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	P=NA	P=NA	P=NA	P=NA
POLY 1.5	P=0.000**	(e)	P=NA	P=NA	P=NA	P=NA
POLY 6	P=0.000**	(e)	P=NA	P=NA	P=NA	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lung: Serosa Hemorrhage</b>						
<b>LESION RATES</b>						
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	0/10.00
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%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Bronchial Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/7 (0%)	7/9 (78%)	7/10 (70%)	9/10 (90%)	10/10 (100%)	5/9 (56%)
POLY-3 RATE (b)	0/7.00	7/9.00	7/10.00	9/10.00	10/10.00	5/9.00
POLY-3 PERCENT (g)	0%	77.8%	70%	90%	100%	55.6%
TERMINAL (d)	0/7 (0%)	7/9 (78%)	7/10 (70%)	9/10 (90%)	10/10 (100%)	5/9 (56%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.614N	P=0.000**	P<0.001**	P=0.000**	P=NA	P=0.016*
POLY 1.5	P=0.614N	P=0.000**	P<0.001**	P=0.000**	P=NA	P=0.016*
POLY 6	P=0.614N	P=0.000**	P<0.001**	P=0.000**	P=NA	P=0.016*
COCH-ARM / FISHERS	P=0.592N	P=0.003**	P=0.006**	P=0.000**	P=0.000**	P=0.029*
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P=0.000**	P=0.000**	(e)	P=0.005**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Bronchial Pigmentation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/7 (0%)	8/9 (89%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	9/9 (100%)
POLY-3 RATE (b)	0/7.00	8/9.00	10/10.00	9/10.00	10/10.00	9/9.00
POLY-3 PERCENT (g)	0%	88.9%	100%	90%	100%	100%
TERMINAL (d)	0/7 (0%)	8/9 (89%)	10/10 (100%)	9/10 (90%)	10/10 (100%)	9/9 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 1.5	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
POLY 6	P=0.000**	P=0.000**	P=NA	P=0.000**	P=NA	P=NA
COCH-ARM / FISHERS	P=0.036*	P<0.001**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	(e)	P=0.000**	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mandibular Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	5/9 (56%)
POLY-3 RATE (b)	0/9.00	0/0.00	0/0.00	0/0.00	0/9.00	5/9.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	55.6%
TERMINAL (d)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/9 (0%)	5/9 (56%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.006**
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.006**
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.006**
COCH-ARM / FISHERS	P=0.002**	(e)	(e)	(e)	(e)	P=0.015*
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	P<0.001**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mediastinal Atrophy</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/7 (0%)	0/9 (0%)	0/8 (0%)	0/5 (0%)	0/9 (0%)	1/8 (12%)
POLY-3 RATE (b)	0/7.00	0/9.00	0/8.00	0/5.00	0/9.00	1/8.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	12.5%
TERMINAL (d)	0/7 (0%)	0/9 (0%)	0/8 (0%)	0/5 (0%)	0/9 (0%)	1/8 (12%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.135	(e)	(e)	(e)	(e)	P=0.527
POLY 1.5	P=0.135	(e)	(e)	(e)	(e)	P=0.527
POLY 6	P=0.135	(e)	(e)	(e)	(e)	P=0.527
COCH-ARM / FISHERS	P=0.131	(e)	(e)	(e)	(e)	P=0.533
MAX-ISO-POLY-3	P=0.105	(e)	(e)	(e)	(e)	P=0.184
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mediastinal Hyperplasia</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/7 (0%)	8/9 (89%)	8/8 (100%)	4/5 (80%)	5/9 (56%)	7/8 (88%)
POLY-3 RATE (b)	0/7.00	8/9.00	8/8.00	4/5.00	5/9.00	7/8.00
POLY-3 PERCENT (g)	0%	88.9%	100%	80%	55.6%	87.5%
TERMINAL (d)	0/7 (0%)	8/9 (89%)	8/8 (100%)	4/5 (80%)	5/9 (56%)	7/8 (88%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.158	P=0.000**	P=NA	P=0.000**	P=0.016*	P=0.000**
POLY 1.5	P=0.158	P=0.000**	P=NA	P=0.000**	P=0.016*	P=0.000**
POLY 6	P=0.158	P=0.000**	P=NA	P=0.000**	P=0.016*	P=0.000**
COCH-ARM / FISHERS	P=0.225	P<0.001**	P=0.000**	P=0.010**	P=0.029*	P<0.001**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.005**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mediastinal Pigmentation</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/7 (0%)	8/9 (89%)	8/8 (100%)	5/5 (100%)	7/9 (78%)	8/8 (100%)
POLY-3 RATE (b)	0/7.00	8/9.00	8/8.00	5/5.00	7/9.00	8/8.00
POLY-3 PERCENT (g)	0%	88.9%	100%	100%	77.8%	100%
TERMINAL (d)	0/7 (0%)	8/9 (89%)	8/8 (100%)	5/5 (100%)	7/9 (78%)	8/8 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.005**	P=0.000**	P=NA	P=NA	P=0.000**	P=NA
POLY 1.5	P=0.005**	P=0.000**	P=NA	P=NA	P=0.000**	P=NA
POLY 6	P=0.005**	P=0.000**	P=NA	P=NA	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.063	P<0.001**	P=0.000**	P<0.001**	P=0.003**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Lymph Node, Mesenteric</b>						
<b>Inflammation Granulomatous</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/9.00	0/10.00	1/10.00	0/10.00	0/9.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	0%	0%
TERMINAL (d)	0/10 (0%)	0/9 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	94(T)	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.737N	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.737N	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.737N	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.739N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.528	(e)	(e)	P=0.159	(e)	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Mesentery: Fat</b>						
<b>Necrosis</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/0 (0%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/0.00	1/1.00	1/1.00	0/0.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	100%	100%	0%	0%	0%
TERMINAL (d)	0/0 (0%)	1/1 (100%)	1/1 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	94(T)	94(T)	---	---	---
<b>STATISTICAL TESTS</b>						
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)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Nose</b>						
<b>Foreign Body</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	3/10 (30%)	2/10 (20%)	7/10 (70%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	3/10.00	2/10.00	7/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	30%	20%	70%	90%	100%
TERMINAL (d)	0/10 (0%)	3/10 (30%)	2/10 (20%)	7/10 (70%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	94(T)	94(T)	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	P=0.095	P=0.227	P=0.000**	P=0.000**	P=NA
POLY 1.5	P=0.000**	P=0.095	P=0.227	P=0.000**	P=0.000**	P=NA
POLY 6	P=0.000**	P=0.095	P=0.227	P=0.000**	P=0.000**	P=NA
COCH-ARM / FISHERS	P=0.000**	P=0.105	P=0.237	P=0.002**	P=0.000**	P=0.000**
MAX-ISO-POLY-3	P=0.000**	P=0.025*	P=0.067	P=0.000**	P=0.000**	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Nose</b>						
<b>Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	1/10.00	0/10.00	1/10.00	3/10.00	0/10.00
POLY-3 PERCENT (g)	0%	10%	0%	10%	30%	0%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	0/10 (0%)	1/10 (10%)	3/10 (30%)	0/10 (0%)
FIRST INCIDENCE	---	94(T)	---	94(T)	94(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.586N	P=0.500	(e)	P=0.500	P=0.095	(e)
POLY 1.5	P=0.586N	P=0.500	(e)	P=0.500	P=0.095	(e)
POLY 6	P=0.586N	P=0.500	(e)	P=0.500	P=0.095	(e)
COCH-ARM / FISHERS	P=0.583N	P=0.500	(e)	P=0.500	P=0.105	(e)
MAX-ISO-POLY-3	P=0.197	P=0.159	(e)	P=0.159	P=0.025*	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Nose: Nasolacrim Dct</b>						
<b>Inflammation Acute</b>						
<b>LESION RATES</b>						
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	0/10.00
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%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	94(T)	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.723N	(e)	(e)	P=0.500	(e)	(e)
POLY 1.5	P=0.723N	(e)	(e)	P=0.500	(e)	(e)
POLY 6	P=0.723N	(e)	(e)	P=0.500	(e)	(e)
COCH-ARM / FISHERS	P=0.725N	(e)	(e)	P=0.500	(e)	(e)
MAX-ISO-POLY-3	P=0.516	(e)	(e)	P=0.159	(e)	(e)
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Ovary</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
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%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Ovary						
Cyst						
<b>LESION RATES</b>						
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	0/10.00
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%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	94(T)	94(T)	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.705N	(e)	(e)	P=0.500	P=0.500	(e)
POLY 1.5	P=0.705N	(e)	(e)	P=0.500	P=0.500	(e)
POLY 6	P=0.705N	(e)	(e)	P=0.500	P=0.500	(e)
COCH-ARM / FISHERS	P=0.708N	(e)	(e)	P=0.500	P=0.500	(e)
MAX-ISO-POLY-3	P=0.384	(e)	(e)	P=0.159	P=0.159	(e)
HISTCONT SAME RTE						
HISTCONT ALL RTEs						
CURR VS HC SAME RTE						
CURR VS HC ALL RTEs						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Ovary: Periovarn Tiss</b>						
<b>Cyst</b>						
<b>LESION RATES</b>						
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	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	10%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	1/10 (10%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	94(T)	---	---	---
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.653N	(e)	P=0.500	(e)	(e)	(e)
POLY 1.5	P=0.653N	(e)	P=0.500	(e)	(e)	(e)
POLY 6	P=0.653N	(e)	P=0.500	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.655N	(e)	P=0.500	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.516N	(e)	P=0.159	(e)	(e)	(e)
<b>HISTCONT SAME RTE</b>						
<b>HISTCONT ALL RTES</b>						
<b>CURR VS HC SAME RTE</b>						
<b>CURR VS HC ALL RTES</b>						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Pancreas: Acinus</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Skin						
Ulcer						
<b>LESION RATES</b>						
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	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Spleen</b>						
<b>Hematopoietic Cell Proliferation</b>						
<b>LESION RATES</b>						
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	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Thymus						
Atrophy						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	9/9 (100%)
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%)	9/9 (100%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	(e)	(e)	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS**

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Thymus</b>						
<b>Hemorrhage</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/9 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	0/10.00	0/9.00
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%)	0/9 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Trachea</b>						
<b>Foreign Body</b>						
<b>LESION RATES</b>						
OVERALL(a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	7/10 (70%)	7/10 (70%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	3/10.00	7/10.00	7/10.00
POLY-3 PERCENT (g)	0%	0%	0%	30%	70%	70%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	3/10 (30%)	7/10 (70%)	7/10 (70%)
FIRST INCIDENCE	---	---	---	94(T)	94(T)	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	P=0.095	P=0.000**	P=0.000**
POLY 1.5	P=0.000**	(e)	(e)	P=0.095	P=0.000**	P=0.000**
POLY 6	P=0.000**	(e)	(e)	P=0.095	P=0.000**	P=0.000**
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	P=0.105	P=0.002**	P=0.002**
MAX-ISO-POLY-3	P=0.000**	(e)	(e)	P=0.025*	P=0.000**	P=0.000**
HISTCONT SAME RTE						
HISTCONT ALL RTES						
CURR VS HC SAME RTE						
CURR VS HC ALL RTES						



Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:12

First Dose M/F: NA / NA

Lab: BNW

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)  
LAST REMOVAL AT 14286 WEEKS

DOSE	FEMALE					
	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
<b>Uterus</b>						
<b>Atrophy</b>						
<b>LESION RATES</b>						
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%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	---	94(T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 1.5	P=0.000**	(e)	(e)	(e)	(e)	P=NA
POLY 6	P=0.000**	(e)	(e)	(e)	(e)	P=NA
COCH-ARM / FISHERS	P=0.000**	(e)	(e)	(e)	(e)	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:** 88124-01

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** Indium phosphide

**CAS Number:** 22398-80-7

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 07:31:12

**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 \*\***