

**Experiment Number:** 88124-02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Indium phosphide  
**CAS Number:** 22398-80-7

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 04:26:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

<b>C Number:</b>	C88124
<b>Lock Date:</b>	01/24/1996
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 88124-02

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Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male CONTROL</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	<b>*TOTALS</b>
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Necrosis, Focal								1			1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
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**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Hypertrophy	1										1 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

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Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:52

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Male CONTROL	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	6	6	6	6	6	6	6	6	6	6	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	+	M	+	+	M	+	M	+	7
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	M	+	+	+	9
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	+	+	+	+	M	M	+	+	+	8
Lymph Node, Mandibular	M	+	M	M	+	+	+	+	+	+	7
Lymph Node, Mediastinal	M	+	M	M	+	M	M	M	+	+	4
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											

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Time Report Requested: 04:26:52

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male CONTROL</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	<b>*TOTALS</b>
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	0	
		1	2	3	4	5	6	7	8	9	0	

**Integumentary System**

Mammary Gland	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	10

**Musculoskeletal System**

Bone	+	+	+	+	+	+	+	+	+	+	10
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**Nervous System**

Brain	+	+	+	+	+	+	+	+	+	+	10
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**Respiratory System**

Larynx	+	+	+	+	+	+	+	+	+	+	10
Epiglottis, Metaplasia, Squamous Inflammation, Suppurative								1			1 1.0
Necrosis	1					1					2 1.0
Respirat Epith, Degeneration, Hyaline								1			1 1.0
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

**Special Senses System**

NONE

**Urinary System**

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Lab: BNW

B6C3F1 Mouse Male CONTROL	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	
Kidney		+	+	+	+	+	+	+	+	+	+	10
Nephropathy							1	1				2 1.0
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	10
Inflammation, Chronic		1										1 1.0

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First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male</b> <b>1.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		9	9	9	9	9	9	9	9	9	9
		6	6	6	6	6	6	6	6	6	6
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	1	1
		1	2	3	4	5	6	7	8	9	0
		*TOTALS									

**Alimentary System**

NONE

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
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**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia	3	3	3	2	3	3	3	2	2	2	10	2.6
Pigmentation	1	1	1	1	1	1	1	1	1	1	10	1.0
Lymph Node, Mediastinal	+	+	+	+	M	+	+	M	M	M	6	
Hyperplasia							2				1	2.0
Pigmentation	1						1				2	1.0
Spleen	+	+	+	+	+	+	+	+	+	+	10	

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Lab: BNW

B6C3F1 Mouse Male 1.0 MG/M3	DAY ON TEST												
	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9	9		
	6	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2	2		
	0	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0			
											<b>*TOTALS</b>		
Hematopoietic Cell Proliferation	1		1			1	2	1				5	1.2
Thymus	+	+	+	+	+	+	+		+	+		9	
<b>Integumentary System</b>													
NONE													
<b>Musculoskeletal System</b>													
NONE													
<b>Nervous System</b>													
NONE													
<b>Respiratory System</b>													
Larynx	+	+	+	+	+	+	+	+	+	+		10	
Foreign Body				1			1					2	1.0
Inflammation, Suppurative			1				1	1				3	1.0
Necrosis			1				1	1	1			4	1.0
Lung	+	+	+	+	+	+	+	+	+	+		10	
Alveolar Epith, Hyperplasia	2	2	1	1	2	1	1	1	1	1		10	1.3
Alveolus, Proteinosis	4	3	4	4	4	4	3	4	3	3		10	3.6
Foreign Body	2	3	2	3	2	2	2	3	2	3		10	2.4
Inflammation, Chronic Active	3	3	3	3	2	3	2	3	2	3		10	2.7
Interstitialium, Fibrosis	1	1	1	1	1	1	1	1	1	1		10	1.0
Nose	+	+	+	+	+	+	+	+	+	+		10	
Trachea	+	+	+	+	+	+	+	+	+	+		10	

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Time Report Requested: 04:26:52

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male</b> <b>1.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	<b>*TOTALS</b>
		0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	
		0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	
Trachea		+	+	+	+	+	+	+	+	+	
Special Senses System											
NONE											
Urinary System											
NONE											

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First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male</b> <b>3.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4	4		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

**Alimentary System**

NONE

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
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**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia	3	2	2	2	2	2	2	2	2	2	10	2.1
Pigmentation	1	1	1	1	1	1	2	1	1	1	10	1.1
Lymph Node, Mediastinal	+	M	M	M	M	M	M	M	M	M	1	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation					1			1		1	3	1.0
Thymus	+	+	+	+	+	+	+	+	+	+	10	

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<b>B6C3F1 Mouse Male</b> <b>3.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	4	4	4	4	4	4	4	4	4	4		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body				1			1				2	1.0
Necrosis									1		1	1.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	2	2	1	1	1	1	1	2	1	2	10	1.4
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	3	3	3	3	3	3	3	3	3	3	10	3.0
Inflammation, Chronic Active	3	2	3	2	3	2	2	3	3	3	10	2.6
Interstitialium, Fibrosis	2	2	1	1	1	1	1	2	2	3	10	1.6
Nose	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Suppurative			1								1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body					1		1				2	1.0

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First Dose M/F: NA / NA

Lab: BNW

**B6C3F1 Mouse Male**  
**3.0 MG/M3**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	4
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Special Senses System**

NONE

**Urinary System**

Kidney

+ 1

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Time Report Requested: 04:26:52

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male</b> <b>10.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

**Alimentary System**

Liver												+	1		
Necrosis, Focal												1		1	1.0

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+		10
-------	---	---	---	---	---	---	---	---	---	---	--	----

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+		10	
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+		10	
Hyperplasia	1	2	2	3	2	2	2	3	3	2		10	2.2
Pigmentation	1	1	1	1	2	2	2	1	1	1		10	1.3
Lymph Node, Mediastinal	+	M	+	M	+	M	M	M	M	M		3	
Hyperplasia	3											1	3.0
Pigmentation	1											1	1.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:52

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Male 10.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9		
	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	0		
	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>	
Spleen	+	+	+	+	+	+	+	+	+	+	9	
Hematopoietic Cell Proliferation	1	1	2								3	1.3
Thymus	+	+	+	+	+	+	+	+	+	+	10	
<b>Integumentary System</b>												
NONE												
<b>Musculoskeletal System</b>												
NONE												
<b>Nervous System</b>												
NONE												
<b>Respiratory System</b>												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Epiglottis, Metaplasia, Squamous		1	1	1	1	1	1	1	1	1	9	1.0
Foreign Body			1	1	2	1		1		1	6	1.2
Inflammation, Suppurative				1							1	1.0
Necrosis				1				1			2	1.0
Squam Epithel, Hyperplasia			1		2			1			3	1.3
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	4	3	3	4	4	3	3	3	2	2	10	3.1
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	3	4	3	4	4	4	3	3	3	3	10	3.4
Inflammation, Chronic Active	3	3	3	2	2	2	2	3	2	3	10	2.5

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/20/2014

Time Report Requested: 04:26:52

First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse Male 10.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	9	9	9	9	9	9	9	9	9	9		
	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	1		
	0	0	0	0	0	0	0	0	0	0		
	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		
Inflammation, Chronic Active	3	3	3	2	2	2	2	3	2	3	10	2.5
Interstitialium, Fibrosis	4	3	4	3	4	2	3	3	2	3	10	3.1
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1					1					2	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body			1		1					1	3	1.0
<b>Special Senses System</b>												
Eye			+									1
<b>Urinary System</b>												
NONE												

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:52

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male</b> <b>30.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	1	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	<b>*TOTALS</b>
	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	M	+	+	+	+	+	+	+	9
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Necrosis, Focal					1						1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy			1								1 1.0

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Male 30.0 MG/M3	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	M	+	M	+	+	M	M	M	+	M	4
Pituitary Gland	M	+	+	+	+	+	+	+	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Penis		+									1
Inflammation			2								1 2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia	3	2		1		2	2	3	2	2	8 2.1
Pigmentation	2	2	1	2	1	2	2	2	2	2	10 1.8
Lymph Node, Mandibular	M	M	+	+	+	+	+	M	+	+	7
Lymph Node, Mediastinal	+	M	M	+	+	+	M	M	+	M	5

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 88124-02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/20/2014

Time Report Requested: 04:26:53

First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse Male 30.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>	
Hyperplasia					2					3	2	2.5
Pigmentation					2					3	2	2.5
Lymph Node, Mesenteric	+	M	+	+	+	M	+	+	+	+	8	
Spleen	+	+	M	+	+	+	+	+	+	+	9	
Hematopoietic Cell Proliferation					3	1	1	1	2	2	6	1.7
Thymus	+	M	M	M	+	+	+	+	+	+	7	
Atrophy	2										1	2.0
<b>Integumentary System</b>												
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0	
Skin	+	+	+	+	+	+	+	+	+	+	10	
<b>Musculoskeletal System</b>												
Bone	+	+	+	+	+	+	+	+	+	+	10	
<b>Nervous System</b>												
Brain	+	+	+	+	+	+	+	+	+	+	10	
<b>Respiratory System</b>												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Epiglottis, Metaplasia, Squamous	1	1		1	1	1	1		1	1	8	1.0
Foreign Body				1	1	1	1			2	6	1.2
Inflammation, Suppurative	1			1		1	1		1		5	1.0
Necrosis					1		1		1		3	1.0
Squam Epithel, Hyperplasia	2	2		3	3	3	2	1	1	2	9	2.1

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Male 30.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	8	8	8	8	8	8	8	8	8	8		
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	4	4	4	4	4	4	4	4	3	4	10	3.9
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	4	4	4	4	4	4	4	4	4	4	10	4.0
Inflammation, Chronic Active		3	3	3	3	3	3	3	3	3	9	3.0
Interstitialium, Fibrosis	4	4	4	4	3	4	4	4	4	4	10	3.9
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1										1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body			1	1		1					3	1.0
<b>Special Senses System</b>												
NONE												
<b>Urinary System</b>												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Male</b> <b>100.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		4	5	7	4	6	5	6	6	5	5	
		7	6	3	7	1	3	0	3	1	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	<b>*TOTALS</b>
	1	1	1	1	1	1	1	1	1	1		
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	I	+	A	+	8
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	A	+	9
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	+	9
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	A	+	9
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal								1			1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Epithelium, Hyperplasia					3						1 3.0
Ulcer					1						1 1.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy			1								1 1.0

**Endocrine System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Male 100.0 MG/M3	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	M	+	+	+	+	+	+	+	9
Parathyroid Gland	M	M	+	+	M	M	M	+	+	M	4
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Epididymis	+	+	+	+	+	+	+	+	+	+	10
Penis							+	+			2
Congestion							1				1 1.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia			1		1						2 1.0
Lymph Node, Bronchial	M	+	+	+	M	+	+	+	M	+	7
Hyperplasia		2	2	2		2	1	2		2	7 1.9

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Male 100.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	1	1	1	1	1	1	1	1	1	1		
Pigmentation											7	2.4
Lymph Node, Mandibular	+	+	+	+	M	M	+	+	M	+	7	
Lymph Node, Mediastinal	+	M	+	+	+	M	M	M	+	+	6	
Hyperplasia	2				1				2		3	1.7
Pigmentation	3				2				2	2	4	2.3
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	+	9	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	2	2	3	1	2	2	2	1		2	9	1.9
Thymus	+	M	M	+	+	M	+	+	+	+	7	
Atrophy	1			1	3		3	3	3	3	7	2.4
<b>Integumentary System</b>												
Mammary Gland	M	M	M	M	M	M	M	M	M	M	0	
Skin	+	+	+	+	+	+	+	+	+	+	10	
<b>Musculoskeletal System</b>												
Bone	+	+	+	+	+	+	+	+	+	+	10	
<b>Nervous System</b>												
Brain	+	+	+	+	+	+	+	+	+	+	10	
<b>Respiratory System</b>												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Epiglottis, Metaplasia, Squamous		1	1	2	2	2	2	2	1	2	9	1.7
Foreign Body		3	1			2		1			4	1.8

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Male 100.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	1	1	1	1	1	1	1	1	1	1		
Inflammation, Suppurative	1			1	1		1				4	1.0
Necrosis	1	1		1			1				4	1.0
Squam Epithel, Hyperplasia	2	3	2	3	3	2	2			2	8	2.4
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	4	3	4	4	4	3	4	3	3	4	10	3.6
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	4	4	4	4	4	4	4	4	4	4	10	4.0
Inflammation, Chronic Active	3	3	3	3	3	3	3	3	3	3	10	3.0
Interstitialium, Fibrosis	3	4	4	4	4	4	4	3	3	4	10	3.7
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	2	3		3	2	2	2	2	2	2	9	2.2
Inflammation			1								1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body		3	1					2			3	2.0
<b>Special Senses System</b>												
NONE												
<b>Urinary System</b>												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Infarct			2								1	2.0
Nephropathy										1	1	1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

**Experiment Number:** 88124-02

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Indium phosphide

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

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 04:26:53

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

**Lab:** BNW

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Female CONTROL</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Focal		1				1		1			3 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 88124-02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/20/2014

Time Report Requested: 04:26:53

First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse Female CONTROL	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	
Parathyroid Gland	M	+	+	+	M	M	M	M	M	+	4
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
Inflammation								1			1 1.0
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Clitoral Gland	+	+	+	+	+	+	M	+	+	+	9
Ovary	+	+	+	+	+	I	+	+	+	+	9
Oviduct				+							1
Uterus	+	+	+	+	+	+	+	+	+	+	10
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	+	+	+	+	+	+	M	+	+	9
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	+	+	9
Lymph Node, Mediastinal	M	M	M	M	M	M	M	M	M	M	0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation										2	1 2.0
Thymus	+	+	+	+	+	+	+	+	+	+	10
<b>Integumentary System</b>											

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female CONTROL	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
		1	1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	

**Integumentary System**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
Skin	+	+	+	+	+	+	+	+	+	+	10

**Musculoskeletal System**

Bone	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

**Nervous System**

Brain	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

**Respiratory System**

Larynx	+	+	+	+	+	+	+	+	+	+	10
Inflammation, Suppurative						1					1 1.0
Necrosis						1					1 1.0
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy							1				1 1.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/20/2014

Time Report Requested: 04:26:53

First Dose M/F: NA / NA

Lab: BNW

<b>B6C3F1 Mouse Female CONTROL</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	*TOTALS	
		0	0	0	0	0	0	0	0	0		
		9	9	9	9	9	9	9	9	9		
		6	6	6	6	6	6	6	6	6		
		6	6	6	6	6	6	6	6	6		
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	1	1	1		
		0	0	0	0	0	0	0	0	1		
		1	2	3	4	5	6	7	8	9	0	
Urinary Bladder		+	+	+	+	+	+	+	+	+	10	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 1.0 MG/M3	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	

Alimentary System

Salivary Glands + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

Adrenal Cortex + + + + + + + + + + 10

General Body System

NONE

Genital System

Ovary + + + + + + + + + + 10

Uterus + + + + + + + + + + 10

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Lymph Node, Bronchial + + + + + + + + + + 10

Hyperplasia 3 2 2 2 2 3 2 2 3 2 10 2.3

Pigmentation 1 1 1 1 1 1 1 1 1 1 10 1.0

Lymph Node, Mediastinal M M M + M M + M M M 2

Hyperplasia 1 1.0

Spleen + + + + + + + + + + 10

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:53

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 1.0 MG/M3	DAY ON TEST												
	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9	9		
	6	6	6	6	6	6	6	6	6	6	6		
	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0		
3	3	3	3	3	3	3	3	3	3	3			
0	0	0	0	0	0	0	0	0	0	0	1		
1	2	3	4	5	6	7	8	9	0			<b>*TOTALS</b>	
Hematopoietic Cell Proliferation	2					1	2					3	1.7
Thymus	+	+	+	+	+	+	+	+	+	+		10	
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+		10	
Skin					+							1	
<b>Musculoskeletal System</b>													
Skeletal Muscle					+							1	
<b>Nervous System</b>													
NONE													
<b>Respiratory System</b>													
Larynx	+	+	+	+	+	+	+	+	+	+		10	
Lung	+	+	+	+	+	+	+	+	+	+		10	
Alveolar Epith, Hyperplasia	1	1	2	2	1	1	1	1	2	1		10	1.3
Alveolus, Proteinosis	3	4	4	4	3	3	3	3	3	4		10	3.4
Foreign Body	2	2	3	2	2	2	2	3	2	2		10	2.2
Inflammation, Chronic Active	3	2	3	3	3	2	3	3	2	1		10	2.5
Interstitialium, Fibrosis	1	1	1	1	1	1	1	1	1	1		10	1.0
Nose	+	+	+	+	+	+	+	+	+	+		10	
Trachea	+	+	+	+	+	+	+	+	+	+		10	
<b>Special Senses System</b>													

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 1.0 MG/M3	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

NONE  
Urinary System  
NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 3.0 MG/M3	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		5	5	5	5	5	5	5	5	5	5	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	

Alimentary System

Salivary Glands + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

Adrenal Cortex + + + + + + + + + + 10

General Body System

NONE

Genital System

Ovary + + + + + + + + + + 10

Uterus + + + + + + + + + + 10

Vagina + 1

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Lymph Node, Bronchial + + + + + + + + + + 10

Hyperplasia 3 3 2 2 2 2 3 2 2 2 10 2.3

Pigmentation 1 1 2 1 1 1 1 1 1 1 10 1.1

Lymph Node, Mediastinal + M + M M M M + M M 3

Hyperplasia 2 1 2.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 3.0 MG/M3	DAY ON TEST												
	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0			
	9	9	9	9	9	9	9	9	9	9			
	6	6	6	6	6	6	6	6	6	6			
	0	0	0	0	0	0	0	0	0	0			
	5	5	5	5	5	5	5	5	5	5			
0	0	0	0	0	0	0	0	0	0				
1	2	3	4	5	6	7	8	9	0	*TOTALS			
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic Cell Proliferation			2				1			1	3	1.3	
Thymus	+	+	+	+	+	+	+	+	+	+	10		
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
<b>Musculoskeletal System</b>													
NONE													
<b>Nervous System</b>													
NONE													
<b>Respiratory System</b>													
Larynx	+	+	+	+	+	+	+	+	+	+	10		
Foreign Body								1			1	1.0	
Squam Epithel, Hyperplasia	1										1	1.0	
Lung	+	+	+	+	+	+	+	+	+	+	10		
Alveolar Epith, Hyperplasia	2	2	2	2	1	1	1	1	2	2	10	1.6	
Alveolus, Proteinosis	4	3	3	4	3	3	4	4	3	4	10	3.5	
Foreign Body	3	3	3	3	3	3	3	3	3	3	10	3.0	
Inflammation, Chronic Active	3	2	2	2	1	2	3	2	3	2	10	2.2	
Interstitialium, Fibrosis	2	1	1	1	1	2	1	1	2	2	10	1.4	
Nose	+	+	+	+	+	+	+	+	+	+	10		
Trachea	+	+	+	I	+	+	+	+	+	+	9		

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0	
<b>B6C3F1 Mouse Female</b>	9	9	9	9	9	9	9	9	9	9	
<b>3.0 MG/M3</b>	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	5	5	5	5	5	5	5	5	5	5	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Trachea	+	+	+		+	+	+	+	+	+	9
Foreign Body								1			1 1.0
<b>Special Senses System</b>											
Zymbal's Gland			+								1
<b>Urinary System</b>											
NONE											

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	<b>B6C3F1 Mouse Female</b>	0	0	0	0	0	0	0	0	0
<b>10.0 MG/M3</b>	9	9	9	9	9	9	9	9	9	9
	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Alimentary System**

Salivary Glands + + + + + + + + + + 10

**Cardiovascular System**

Heart + + + + + + + + + + 10

**Endocrine System**

Adrenal Cortex + + + + + + + + + + 10

**General Body System**

NONE

**Genital System**

Ovary + + + + + + + + + + 10

Uterus + + + + + + + + + + 10

**Hematopoietic System**

Bone Marrow + + + + + + + + + + 10

Lymph Node, Bronchial + + + + + + + + + + 10

Hyperplasia 2 2 2 2 2 2 1 2 3 2 10 2.0

Pigmentation 2 1 2 1 1 1 1 1 1 1 10 1.2

Lymph Node, Mediastinal M M M M M M M M M + 1

Spleen + + + + + + + + + + 10

Thymus + + + + + + + + + + 10

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Female</b> <b>10.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	
		6	6	6	6	6	6	6	6	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	7	7	7	7	7	7		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

**Integumentary System**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
---------------	---	---	---	---	---	---	---	---	---	---	----

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Epiglottis, Metaplasia, Squamous			1		1	1	2				4	1.3
Foreign Body				2	1		1	1	1		5	1.2
Squam Epithel, Hyperplasia	1			1	2			1			4	1.3
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	2	1	2	2	2	2	1	2	2	2	10	1.8
Alveolus, Proteinosis	4	4	3	4	4	4	4	4	3	4	10	3.8
Foreign Body	3	3	3	3	3	3	3	3	3	3	10	3.0
Inflammation, Chronic Active	3	2	3	4	3	3	3	3	3	3	10	3.0
Interstitialium, Fibrosis	3	2	3	3	2	3	3	3	2	3	10	2.7
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1							1			2	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body			1	1		1		1	1	1	6	1.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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I ..Insufficient tissue

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BLANK ..Not examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Female</b> <b>10.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0		
		9	9	9	9	9	9	9	9	9		
		6	6	6	6	6	6	6	6	6		
	ANIMAL ID	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0			
		7	7	7	7	7	7	7	7			
		0	0	0	0	0	0	0	1			
		1	2	3	4	5	6	7	8	9		0
		<b>*TOTALS</b>									6	1.0

Foreign Body

Special Senses System

NONE

Urinary System

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

		DAY ON TEST										
<b>B6C3F1 Mouse Female</b>		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		2	9	9	9	9	9	9	8	9	7	
	<b>30.0 MG/M3</b>	4	6	4	6	6	6	6	0	6	6	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	A	+	+	+	+	M	+	+	8
Intestine Large, Cecum	+	+	A	+	+	+	+	A	+	+	8
Intestine Large, Colon	+	+	A	+	+	+	+	A	+	+	8
Intestine Large, Rectum	+	+	+	+	+	+	+	A	+	+	9
Intestine Small, Duodenum	+	+	A	+	+	+	+	A	+	+	8
Intestine Small, Ileum	+	+	A	+	+	+	+	A	+	+	8
Intestine Small, Jejunum	+	+	M	+	+	+	+	A	+	+	8
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	A	+	+	9
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Degeneration			1					1		1	3 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	A	+	+	9
Stomach, Glandular	+	+	+	+	+	+	+	A	+	+	9

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
-------	---	---	---	---	---	---	---	---	---	---	----

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Degeneration			2	2	2	2		2	2	2	8 2.0
Adrenal Medulla	+	+	+	+	+	+	M	+	+	+	9

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 30.0 MG/M3	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Islets, Pancreatic	+	+	+	+	+	+	+	A	+	+	9
Parathyroid Gland	+	+	M	M	M	M	+	+	+	+	6
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Clitoral Gland	+	+	+	+	+	+	+	+	+	M	9
Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy			2	2	2	2	2	2	2	2	9 2.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
Atrophy				2		1			2	1	4 1.5
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	+	M	+	+	M	+	+	+	+	8
Hyperplasia	1	3		2	2		3		3		6 2.3
Pigmentation	1	2		2	2		3	2	2	2	8 2.0
Lymph Node, Mandibular	M	+	M	+	+	M	+	M	+	+	6
Lymph Node, Mediastinal	+	M	+	M	M	M	M	+	M	+	4
Hyperplasia				3				2		2	3 2.3
Pigmentation				2				2		2	3 2.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 30.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	2	9	9	9	9	9	9	8	9	7		
	4	6	4	6	6	6	6	0	6	6		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	9	
Spleen	+	+	+	+	+	+	+	A	+	+	9	
Hematopoietic Cell Proliferation			1		1	1	2		2	1	6	1.3
Thymus	+	+	M	+	+	+	+	+	+	+	9	
Atrophy							1		4	1	3	2.0
<b>Integumentary System</b>												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Fat, Atrophy				4			2		4		3	3.3
Skin	+	+	+	+	+	+	+	+	+	+	10	
Subcut Tiss, Hemorrhage	2										1	2.0
<b>Musculoskeletal System</b>												
Bone	+	+	+	+	+	+	+	+	+	+	10	
<b>Nervous System</b>												
Brain	+	+	+	+	+	+	+	+	+	+	10	
Hemorrhage	2										1	2.0
Necrosis, Focal					1						1	1.0
<b>Respiratory System</b>												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Epiglottis, Metaplasia, Squamous	2	1			1			1		1	5	1.2
Foreign Body	1		2	2					1		4	1.5
Inflammation, Suppurative						1					1	1.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 30.0 MG/M3	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	
Necrosis				1				1		1	3 1.0
Squam Epithel, Hyperplasia	3	2		2		2		3	2	2	7 2.3
Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolar Epith, Hyperplasia	1	3	4	3	4	4	3	2	3	4	10 3.1
Alveolus, Proteinosis	3	3	4	4	4	4	4	4	3	4	10 3.7
Foreign Body	4	4	4	4	4	4	4	3	4	4	10 3.9
Inflammation, Chronic Active		2	3	2	3	3	3	3	2	3	9 2.7
Interstitialium, Fibrosis		4	4	4	4	4	4	4	4	4	9 4.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Foreign Body		2							1	1	3 1.3
Trachea	+	+	+	+	+	+	+	+	+	+	10
Foreign Body				1							1 1.0
<b>Special Senses System</b>											
Eye		+									1
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Infarct					2						1 2.0
Urinary Bladder	+	+	+	+	+	+	+	A	+	+	9

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:54

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

<b>B6C3F1 Mouse Female</b> <b>100.0 MG/M3</b>	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	<b>*TOTALS</b>
		0	0	0	0	0	0	0	0	0	0	
		5	6	5	6	6	5	6	5	6	5	
		7	3	7	0	2	9	1	8	0	7	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	
		1	1	1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	0	1	
		1	2	3	4	5	6	7	8	9	0	

**Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Gallbladder	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Degeneration	1	2		2	1	1	2	1	1	2	9 1.4
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy					1						1 1.0

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Degeneration	2	2	2	2	2	2	2	2	2	2	10 2.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/20/2014

Time Report Requested: 04:26:55

First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse Female 100.0 MG/M3	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	M	M	M	M	M	+	+	M	+	+	4
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	M	+	+	9
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Clitoral Gland	+	M	+	+	+	M	+	+	M	+	7
Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	2		2	2	2	2	2	2	2	9 2.0
Cyst							1				1 1.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	3	3	2	2	3	2	2			8 2.4
<b>Hematopoietic System</b>											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia		2	2	2	2	2		3	2	3	8 2.3
Pigmentation		3	2	3	2	2	1	3	2	3	9 2.3
Lymph Node, Mandibular	+	+	+	M	+	+	+	+	+	+	9
Lymph Node, Mediastinal	M	+	+	M	M	+	M	+	+	+	6

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:55

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 100.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	5	6	5	6	6	5	6	5	6	5		
	7	3	7	0	2	9	1	8	0	7		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
1	1	1	1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1	1	1	1		
0	0	0	0	0	0	0	0	0	0	1		
1	2	3	4	5	6	7	8	9	0	0	<b>*TOTALS</b>	
Hyperplasia					2						1	2.0
Pigmentation					2		1	2			3	1.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	9	
Hyperplasia		2									1	2.0
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	1	1					1		2	1	5	1.2
Thymus	+	+	+	+	+	M	+	+	+	+	9	
Atrophy	3	3	2	3	2		4	3	3	4	9	3.0
<b>Integumentary System</b>												
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Fat, Atrophy	4	3	3	4	3	4	4	4	3	4	10	3.6
Skin	+	+	+	+	+	+	+	+	+	+	10	
<b>Musculoskeletal System</b>												
Bone	+	+	+	+	+	+	+	+	+	+	10	
<b>Nervous System</b>												
Brain	+	+	+	+	+	+	+	+	+	+	10	
<b>Respiratory System</b>												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Epiglottis, Metaplasia, Squamous		1	2	1	2				2		5	1.6
Foreign Body				1	2	1	1		1	1	6	1.2
Inflammation, Suppurative		1		1	1		1		2	1	6	1.2

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Experiment Number: 88124-02

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/20/2014

Test Type: 90-DAY

Test Compound: Indium phosphide

Time Report Requested: 04:26:55

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 22398-80-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse Female 100.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0		
	5	6	5	6	6	5	6	5	6	5		
	7	3	7	0	2	9	1	8	0	7		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
1	1	1	1	1	1	1	1	1	1	1		
1	1	1	1	1	1	1	1	1	1	1		
0	0	0	0	0	0	0	0	0	0	1		
1	2	3	4	5	6	7	8	9	0	0		
Necrosis		1	1	1			1		2		5	1.2
Squam Epithel, Hyperplasia	1	2	3	3	3	3	2	1	3	3	10	2.4
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	4	4	4	4	4	4	4	4	4	4	10	4.0
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	4	4	4	4	4	4	4	4	4	4	10	4.0
Inflammation, Chronic Active	3	3	3	3	3	3	3	3	3	3	10	3.0
Interstitialium, Fibrosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	2	2	1	1	2	1	2	1	2	1	10	1.5
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body		1			1	1	1		2		5	1.2
<b>Special Senses System</b>												
NONE												
<b>Urinary System</b>												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10	

\*\* END OF REPORT \*\*

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