

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:06

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

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F 344/N Rat Male CONTROL

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
	4	4	4	4	4	4	4	4	4	4
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	0	1
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	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
Hepatodiaphragmatic Nodule								X			1
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy	1	1	1		1		1	1			6 1.0

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

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BLANK ..Not examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

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Lab: BNW

F 344/N Rat Male
CONTROL

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
	4	4	4	4	4	4	4	4	4	4
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	0	1
	1	2	3	4	5	6	7	8	9	0

*TOTALS

Integumentary System

Mammary Gland	+	+	M	M	+	+	+	+	M	+	7
Skin	+	+	+	+	+	+	+	+	+	+	10

Musculoskeletal System

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

Brain	+	+	+	+	+	+	+	+	+	+	10
Spinal Cord						M					0

Respiratory System

Larynx	+	+	+	+	+	+	+	+	+	+	10
Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolus, Infiltration Cellular, Histiocyte	1		1		1					1	4 1.0
Serosa, Hemorrhage							3				1 3.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
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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	
	4	4	4	4	4	4	4	4	4	4	
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	0	1	
	1	2	3	4	5	6	7	8	9	0	*TOTALS
Nephropathy	1	1	1			1	1	1		1	7 1.0
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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Lab: BNW

F 344/N Rat Male
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	
	4	4	4	4	4	4	4	4	4	4	
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	0	1	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver											+	1
Hepatodiaphragmatic Nodule											X	1

Cardiovascular System

Heart											+	+	+	+	+	+	+	+	+	+	10		
Cardiomyopathy													1	1	1	1			1	1	1	7	1.0

Endocrine System

Adrenal Cortex											+	+	+	+	+	+	+	+	+	+	10
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General Body System

NONE

Genital System

Epididymis											+	+	+	+	+	+	+	+	+	+	10
Prostate											+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle											+	+	+	+	+	+	+	+	+	+	10
Testes											+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Bone Marrow											+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Bronchial											+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia											2		1	1					1	1	5	1.2

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Lab: BNW

**F 344/N Rat Male
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	0	0
	9	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	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	

***TOTALS**

Pigmentation	2	1	1	2	1	1		1	1	1	9	1.2
Lymph Node, Mediastinal	+	M	+	+	+	M	M	M	M	+	5	
Hyperplasia	2		2	2							3	2.0
Pigmentation	1		1	1	1						4	1.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Integumentary System												
Skin										+	1	
Ulcer										3	1	3.0
Musculoskeletal System												
NONE												
Nervous System												
NONE												
Respiratory System												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1	1	1	2	1	1	1	1	10	1.1
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	2	2	2	2	2	2	2	2	2	2	10	2.0
Alveolus, Proteinosis	3	3	3	4	4	4	4	4	4	3	10	3.6
Foreign Body	1	1	1	1	1	1	1	1	1	1	10	1.0

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Lab: BNW

F 344/N Rat Male
1.0 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	2	2	2	2	2	2	2	2	2		
Foreign Body	1	1	1	1	1	1	1	1	1	1	10	1.0
Inflammation, Chronic Active	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body					1						1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy		1					1	1		1	4	1.0

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First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat 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	
	4	4	4	4	4	4	4	4	4	4	
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

Alimentary System

Liver											+	1
Hepatodiaphragmatic Nodule											X	1

Cardiovascular System

Heart											+	+	+	+	+	+	+	+	+	+	10	
Cardiomyopathy											1	1	1	1						1	6	1.0

Endocrine System

Adrenal Cortex											+	+	+	+	+	+	+	+	+	+	10
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General Body System

NONE

Genital System

Epididymis											+	+	+	+	+	+	+	+	+	+	10	
Prostate											+	+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle											+	+	+	+	+	+	+	+	+	+	10	
Testes											+	+	+	+	+	+	+	+	+	+	10	
Mineralization																				1	1	1.0
Sertoli Cell, Degeneration																				1	1	1.0

Hematopoietic System

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

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F 344/N Rat 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			
	4	4	4	4	4	4	4	4	4	4			
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		
Lymph Node, Bronchial	+	+	+	M	+	M	+	+	+	+	8		
Hyperplasia	2		2						2	2	4	2.0	
Pigmentation	2	1	1		1		1	2	2	1	8	1.4	
Lymph Node, Mediastinal	+	+	M	+	+	+	+	+	+	M	8		
Hyperplasia	2	2		2	2	2		2	2		7	2.0	
Pigmentation	1	1		1	2	1	1	2	2		8	1.4	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Thymus	+	+	+	+	+	+	+	+	+	+	10		
Integumentary System													
NONE													
Musculoskeletal System													
NONE													
Nervous System													
NONE													
Respiratory System													
Larynx	+	+	+	+	+	+	+	+	+	+	10		
Foreign Body	2	2	1	1	1	2	2	2	1	2	10	1.6	
Inflammation, Chronic	1	2				1		2		1	5	1.4	
Lung	+	+	+	+	+	+	+	+	+	+	10		
Alveolar Epith, Hyperplasia	3	3	2	2	3	3	2	3	2	3	10	2.6	

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Lab: BNW

F 344/N Rat 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		
	4	4	4	4	4	4	4	4	4	4		
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		
Alveolar Epith, Hyperplasia	3	3	2	2	3	3	2	3	2	3	10	2.6
Alveolus, Proteinosis	4	4	4	4	4	4	3	4	4	4	10	3.9
Foreign Body	2	2	1	1	1	1	2	2	2	1	10	1.5
Inflammation, Chronic Active	3	4	2	2	3	2	2	3	2	3	10	2.6
Interstitialium, Fibrosis	2	2	1	1	1	1	1	1	1	1	10	1.2
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body				1							1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1										1	1.0
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy	1				1		1	1		1	5	1.0

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

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First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
10.0 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	
	4	4	4	4	4	4	4	4	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	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	*TOTALS

Alimentary System

Liver											+	1
Hepatodiaphragmatic Nodule											X	1
Mesentery											+	1
Fat, Necrosis											2	1 2.0

Cardiovascular System

Heart											+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy														1		1				1	3 1.0

Endocrine System

Adrenal Cortex											+	+	+	+	+	+	+	+	+	+	10
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General Body System

NONE

Genital System

Epididymis											+	+	+	+	+	+	+	+	+	+	10
Prostate											+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle											+	+	+	+	+	+	+	+	+	+	10
Testes											+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

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

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Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
10.0 MG/M3

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
	0	0	0	0	0	0	0	0	0	0	
	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	
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia	2				2	2					3 2.0
Pigmentation	1	1	1	2	1	1	1	2	2	1	10 1.3
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia	2	2	2		2	2	2		1	3	8 2.0
Pigmentation	2	1	2	1	2	2	2		2	2	9 1.8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10
Integumentary System											
NONE											
Musculoskeletal System											
NONE											
Nervous System											
NONE											
Respiratory System											
Larynx	+	+	+	+	+	+	+	+	+	+	10
Foreign Body	2	1	1	2	2	2	1	2	2	2	10 1.7
Inflammation, Chronic	2			1	2	1	1	1	2	1	8 1.4
Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolar Epith, Hyperplasia	3	3	3	3	3	3	3	3	3	3	10 3.0

* ..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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
10.0 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		
	4	4	4	4	4	4	4	4	4	4		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
	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	*TOTALS	
Alveolar Epith, Hyperplasia	3	3	3	3	3	3	3	3	3	3	10	3.0
Alveolus, Proteinosis	4	4	3	4	4	4	4	4	4	4	10	3.9
Foreign Body	2	2	2	2	2	2	2	2	2	2	10	2.0
Inflammation, Chronic Active	3	3	3	3	3	3	3	3	3	3	10	3.0
Interstitialium, Fibrosis	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1	1			1	1	1	1	8	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body				1				1			2	1.0
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

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2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
30.0 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	
	4	4	4	4	4	4	4	4	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	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	*TOTALS

Alimentary System

Mesentery											+	1	
Fat, Necrosis											2		1 2.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10	
Cardiomyopathy			1				1	1	1	1	5	1.0

Endocrine System

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

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Prostate	+	+	+	+	+	+	+	+	+	+	10	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Testes	+	+	+	+	+	+	+	+	+	+	10	

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia	2		2	2	2			2		2	6	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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Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

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Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
30.0 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		
	4	4	4	4	4	4	4	4	4	4		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	0	0	0	0	0	0	0	0	0			
	8	8	8	8	8	8	8	8	8			
	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0		
Pigmentation	3	1	2	2	2	2	1	2	1	2	10	1.8
Lymph Node, Mandibular	+	+	+	+	M	+	M	+	+	+	8	
Lymph Node, Mediastinal	+	+	+	+	M	+	+	+	+	M	8	
Hyperplasia	2		2	2		1		3	2		6	2.0
Pigmentation	2	2	2	2		2		2	2		7	2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Integumentary System												
NONE												
Musculoskeletal System												
NONE												
Nervous System												
NONE												
Respiratory System												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	2	2	2	2	2	2	2	2	2	2	10	2.0
Inflammation, Chronic	2		1	1	1	2	1	1	2	1	9	1.3
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	3	4	3	2	3	3	3	4	3	3	10	3.1
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0

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

+ ..Tissue examined microscopically

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2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
30.0 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		
	4	4	4	4	4	4	4	4	4	4		
	ANIMAL ID											
	0	0	0	0	0	0	0	0	0	0		
	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	*TOTALS	
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	2	2	2	2	2	2	2	2	2	2	10	2.0
Inflammation, Chronic Active	3	3	3	3	3	3	3	3	3	3	10	3.0
Interstitialium, Fibrosis	2	2	2		2	2	2	2	2	2	9	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1	1		1		1	1	1	8	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1			1			1		5	1.0
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Nephropathy	1		1					1		1	4	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

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Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

**F 344/N Rat Male
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	0	0
	9	9	9	9	9	9	8	9	9	9	9
	4	4	4	4	4	4	7	4	4	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	1	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	0	0	1
	1	2	3	4	5	6	7	8	9	10	0

***TOTALS**

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	A	+	+	+	9
Intestine Large, Colon	+	+	+	+	+	+	A	+	+	+	9
Intestine Large, Rectum	+	+	+	+	+	+	A	+	+	+	9
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	+	9
Intestine Small, Jejunum	+	+	+	+	+	+	A	+	+	+	9
Liver	+	+	+	+	+	+	+	+	+	+	10
Bile Duct, Hyperplasia			1		1						2 1.0
Centrilobular, Hepatocyte, Atrophy	1		1	1	2	2			1		6 1.3
Centrilobular, Hepatocyte, Necrosis	1	1	1	1		1					5 1.0
Eosinophilic Focus		X									1
Hematopoietic Cell Proliferation				1							1 1.0
Hepatodiaphragmatic Nodule		X		X				X	X		4
Infiltration Cellular, Mononuclear CI									1		1 1.0
Pigmentation, Hemosiderin								1	1		2 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Acinus, Atrophy				2							1 2.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
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
	9	9	9	9	9	9	8	9	9	9
	4	4	4	4	4	4	7	4	4	4
ANIMAL ID	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
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy			1		1						2 1.0
Hypertrophy	1	1	1	1	1			1	1	1	8 1.0

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Zona Fascult, Vacuolization Cytoplasmic	3	3	3	3	3	3	4	3	3	3	10 3.1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	9
Pituitary Gland	+	M	+	+	+	+	+	+	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Degeneration	3	4	4	2	3	4	3	3	1	1	10 2.8
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	3	2	2	2	2	3	3	2	3	10 2.4
Seminal Vesicle	+	+	+	+	+	+	A	+	+	+	9

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male 100.0 MG/M3	DAY ON TEST											
	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	8	9	9	9		
	4	4	4	4	4	4	7	4	4	4		
ANIMAL ID	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		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0	*TOTALS	
Seminal Vesicle	+	+	+	+	+	+	A	+	+	+	9	
Atrophy	3	3	3	3	2	3		3	2	3	9	2.8
Testes	+	+	+	+	+	+	+	+	+	+	10	
Germinal Epith, Degeneration		2	2		2	2		2			5	2.0
Hematopoietic System												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia	3	3	3	3	3	3	3	3	3	3	10	3.0
Lymph Node, Bronchial	+	+	+	+	+	+	+	M	+	+	9	
Hyperplasia				2			3			2	3	2.3
Pigmentation	2	3	3	3	3	3	3		3	3	9	2.9
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10	
Atrophy		4	2		2	2	3	2			6	2.5
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia	2	2	2	2		3		3	2	3	8	2.4
Pigmentation	4	3	3	3	3	3		4	3	3	9	3.2
Lymph Node, Mesenteric	+	M	+	+	+	+	A	+	+	+	8	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Hematopoietic Cell Proliferation	2	2	2	2	2	3	2	2	2	2	10	2.1
Thymus	+	M	+	+	+	+	+	+	+	+	9	
Atrophy	3		3	2	3	4	4	4		1	8	3.0
Integumentary System												
Mammary Gland	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

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat 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			
	1	1	1	1	1	1	1	1	1	1			
	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			
	0	0	0	0	0	0	0	0	0	1			
	1	2	3	4	5	6	7	8	9	0	*TOTALS		
Skin	+	+	+	+	+	+	+	+	+	+			10
Musculoskeletal System													
Bone	+	+	+	+	+	+	+	+	+	+			10
Nervous System													
Brain	+	+	+	+	+	+	+	+	+	+			10
Respiratory System													
Larynx	+	+	+	+	+	+	+	+	+	+			10
Foreign Body	2	2	2	1		1	1	1	1	1		9	1.3
Lung	+	+	+	+	+	+	+	+	+	+			10
Alveolar Epith, Hyperplasia	4	4	3	4	3	3	3	4	4	4		10	3.6
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	3	3	3	3	3	3	2	3	3		10	2.9
Interstitialium, Fibrosis	3	3	3	3	3	3	3	3	3	3		10	3.0
Nose	+	+	+	+	+	+	+	+	+	+			10
Foreign Body	1	1	1	1	1	1	1	1	1	1		10	1.0
Trachea	+	+	+	+	+	+	+	+	+	+			10
Foreign Body	1	1	1		1	1		1	1	1		8	1.0
Special Senses System													
Harderian Gland					M								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

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2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Male
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
	9	9	9	9	9	9	8	9	9	9
	4	4	4	4	4	4	7	4	4	4
ANIMAL ID	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
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Nephropathy	3	4	3	3	3	3	3	4	3	3	10 3.2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:07

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female CONTROL

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
	4	4	4	4	4	4	4	4	4	4
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

*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	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
Hepatodiaphragmatic Nodule			X								1
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Cardiomyopathy			1					1	1		3 1.0

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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female CONTROL

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
	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	0		
	4	4	4	4	4	4	4	4	4	4	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												
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+											9	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+											10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+											10	
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+											10	
Inflammation, Chronic			2																		1 2.0	
Ovary	+	+	+	+	+	+	+	+	+	+											10	
Uterus	+	+	+	+	+	+	+	+	+	+											10	
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+											10	
Inflammation, Granulomatous					1		1														2 1.0	
Lymph Node, Bronchial	M	+	+	+	+	+	M	+	+	M											7	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	M	+											9	
Lymph Node, Mediastinal	+	+	+	+	+	+	M	M	M	+											7	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+											10	
Spleen	+	+	+	+	+	+	+	+	+	+											10	
Thymus	+	+	+	+	+	+	+	+	+	+											10	
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+											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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

**F 344/N Rat Female
CONTROL**

	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			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	0			
	9	9	9	9	9	9	9	9	9	9			
	4	4	4	4	4	4	4	4	4	4			
	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	*TOTALS		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin	+	+	+	+	+	+	+	+	+	+	10		
Musculoskeletal System													
Bone	+	+	+	+	+	+	+	+	+	+	10		
Nervous System													
Brain	+	+	+	+	+	+	+	+	+	+	10		
Respiratory System													
Larynx	+	+	+	+	+	+	+	+	+	+	10		
Lung	+	+	+	+	+	+	+	+	+	+	10		
Alveolus, Infiltration Cellular, Histiocyte	1					1			1		3	1.0	
Nose	+	+	+	+	+	+	+	+	+	+	10		
Trachea	+	+	+	+	+	+	+	+	+	+	10		
Special Senses System													
Harderian Gland										+	1		
Urinary System													
Kidney	+	+	+	+	+	+	+	+	+	+	10		
Mineralization	1	1	2	1	1	2	1	1	1	1	10	1.2	
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

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
1.0 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	
	3	3	3	3	3	3	3	3	3	3		
Hyperplasia	2	2	2	2	3				2	1	7	2.0
Pigmentation	1	1	1	1	2		1		1	1	8	1.1
Lymph Node, Mediastinal	+	+	+	+	+	+	+	M	+	+	9	
Hyperplasia	2	2		2	2	2	2		2	2	8	2.0
Pigmentation	2	1		1	1	1	1		1	2	8	1.3
Lymph Node, Mesenteric	+	+	+	+	+	M	+	+	+	+	9	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Integumentary System												
NONE												
Musculoskeletal System												
NONE												
Nervous System												
NONE												
Respiratory System												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	2	1	1	2	1	1	1	2	1	10	1.3
Inflammation, Chronic		1							1		2	1.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	2	2	2	2	2	2	2	2	2	2	10	2.0
Alveolus, Proteinosis	4	4	4	4	4	4	3	3	4	4	10	3.8

* ..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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat 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		
	4	4	4	4	4	4	4	4	4	4		
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		
Alveolus, Proteinosis	4	4	4	4	4	4	3	3	4	4	10	3.8
Foreign Body	1		1	1	1	1	1	1	1	1	9	1.0
Inflammation, Chronic Active	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body							1	1		1	3	1.0
Inflammation, Chronic									1		1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Mineralization			2	2	2	2	1	1	2	2	8	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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
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
	4	4	4	4	4	4	4	4	4	4
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
	*TOTALS									

Alimentary System

Liver	+										+			2
Hepatodiaphragmatic Nodule	X										X			2
Mesentery			+											1
Fat, Necrosis			3											1 3.0

Cardiovascular System

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

Endocrine System

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

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+				10
Periovarn Tiss, Cyst					3									1 3.0
Uterus	+	+	+	+	+	+	+	+	+	+				10

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+				10
Inflammation, Granulomatous											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

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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
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			
	4	4	4	4	4	4	4	4	4	4			
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			
											*TOTALS		
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia	1		2	2	2			2	2	2	7	1.9	
Pigmentation	2	2	2	2	2	1	1	2	2	2	10	1.8	
Lymph Node, Mediastinal	+	+	+	+	M	+	+	M	+	+	8		
Hyperplasia	2	2	2	2		2	2		2	2	8	2.0	
Pigmentation	2	2	1	2		1	2		2	2	8	1.8	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10		
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Thymus	+	+	+	+	+	+	+	+	+	+	10		
Integumentary System													
NONE													
Musculoskeletal System													
NONE													
Nervous System													
NONE													
Respiratory System													
Larynx	+	+	+	+	+	+	+	+	+	+	10		
Foreign Body	2	2	1	2	1	1	2	1	2	1	10	1.5	
Inflammation, Chronic	1	1		1			2	1	2		6	1.3	
Lung	+	+	+	+	+	+	+	+	+	+	10		
Alveolar Epith, Hyperplasia	2	2	2	2	2	3	3	3	3	2	10	2.4	

* ..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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
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		
	4	4	4	4	4	4	4	4	4	4		
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	*TOTALS	
Alveolar Epith, Hyperplasia	2	2	2	2	2	3	3	3	3	2	10	2.4
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	2	2	2	2	2	2	2	2	2	2	10	2.0
Inflammation, Chronic Active	2	2	2	2	2	3	3	3	3	2	10	2.4
Interstitialium, Fibrosis	2	2	1	1	1	1	1	2	1	1	10	1.3
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body			1				1				2	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Mineralization	2	1	1	2	1		2	1	1	2	9	1.4

* ..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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
10.0 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
	4	4	4	4	4	4	4	4	4	4
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

Liver											+		1
Hepatodiaphragmatic Nodule											X		1

Cardiovascular System

Heart											+	+	+	+	+	+	+	+	+	+	10	
Cardiomyopathy													1								2	1.0

Endocrine System

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

General Body System

NONE

Genital System

Ovary											+	+	+	+	+	+	+	+	+	+	10	
Cyst													2								1	2.0
Uterus											+	+	+	+	+	+	+	+	+	+	10	

Hematopoietic System

Bone Marrow											+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Granulomatous																			1		1	1.0
Lymph Node, Bronchial											+	+	+	+	+	+	+	+	+	+	10	
Hyperplasia											1	2	2	2		1	2	1	1	2	9	1.6

* ..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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
10.0 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		
	4	4	4	4	4	4	4	4	4	4		
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		
Pigmentation	2	1	2	2	1	2	2		2	2	9	1.8
Lymph Node, Mediastinal	+	M	+	+	M	+	M	+	M	M	5	
Hyperplasia			4	2		2		1			4	2.3
Pigmentation	1		2	2		2		2			5	1.8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Granulomatous							1				1	1.0
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	
Integumentary System												
NONE												
Musculoskeletal System												
NONE												
Nervous System												
NONE												
Respiratory System												
Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	2	2	2	2	2	1	1	1	2	1	10	1.6
Inflammation, Chronic	2	1	1	2	1	1		1	1	1	9	1.2
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	3	2	3	2	2	2	3	2	2	2	10	2.3
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0

* ..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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
10.0 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
	4	4	4	4	4	4	4	4	4	4
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

Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	2	2	2	2	2	2	3	2	2	2	10	2.1
Inflammation, Chronic Active	3	2	3	2	2	2	3	3	2	2	10	2.4
Interstitialium, Fibrosis	2	2	2	2	2	2	2	2	2	2	10	2.0
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1		1	1		1	1		1	7	1.0
Inflammation, Chronic				2							1	2.0
Nasolacrim Dct, Inflammation, Acute									3		1	3.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1								3	1.0
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Mineralization	2	2	1	2		2	2	2	2	1	9	1.8
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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
30.0 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
	4	4	4	4	4	4	4	4	4	4
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

*TOTALS

Hyperplasia	2	1	2	2	2	3	3	3	2	2	10	2.2
Pigmentation	2	1	2	2	2	2	2	3	3	2	10	2.1
Lymph Node, Mandibular	+	+	+	+	+	+	M	+	+	+	9	
Lymph Node, Mediastinal	+	+	+	+	+	+	M	+	+	+	9	
Hyperplasia	3	2			3	1			2		5	2.2
Pigmentation	2	2		1	2	2			2	1	7	1.7
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	
Thymus	+	+	+	+	+	+	+	+	+	+	10	

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	2	2	1	2	2	1	1		2	2	9	1.7
Inflammation, Chronic	2	1	1	1	1	1		2	1	2	9	1.3
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	3	3	2	3	2	2	2	1	3	2	10	2.3

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

+ ..Tissue examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat Female
30.0 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		
	4	4	4	4	4	4	4	4	4	4		
ANIMAL ID	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		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		
Alveolar Epith, Hyperplasia	3	3	2	3	2	2	2	1	3	2	10	2.3
Alveolus, Proteinosis	4	4	4	4	4	4	4	4	4	4	10	4.0
Foreign Body	2	3	3	3	3	3	3	3	3	3	10	2.9
Inflammation, Chronic Active	3	3	2	3	2	2	2	1	3	2	10	2.3
Interstitialium, Fibrosis	2	2	2	1	2	2	2	1	2	2	10	1.8
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1		1	1	1	1	1	1	1	1	9	1.0
Inflammation, Chronic	2				1		1				3	1.3
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body		1	1	1		1	1	1	1		7	1.0
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Mineralization	2	2		2	2	1	2	2	2		8	1.9
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

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:08

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat 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	
		9	9	9	9	9	9	9	9	9	9	
		4	4	4	4	4	4	4	4	4	4	
	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		
	0	0	0	0	0	0	0	0	0	1		
	1	2	3	4	5	6	7	8	9	0		

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	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
Centrilobular, Hepatocyte, Atrophy	2	2	2	2	2			2	1	1	8 1.8
Centrilobular, Hepatocyte, Necrosis	2		1	1	1	3	1	1	1	1	9 1.3
Hepatodiaphragmatic Nodule			X	X	X	X	X		X	X	7
Necrosis			2								1 2.0
Pigmentation, Hemosiderin	1		1	2			2		1	1	6 1.3
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Hypertrophy	1	1	1	1	1	1	1	1	1	1	10 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: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:09

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat 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	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
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	*TOTALS

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Hemorrhage	2										1 2.0
Zona Fascult, Vacuolization Cytoplasmic			2		3			2	3		4 2.5
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	M	M	+	M	+	M	+	M	M	M	3
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	1	1	2	3	2	2	2	2	2	2	10 1.9
Uterus	+	+	+	+	+	+	+	+	+	+	10
Atrophy	3	3	3	2	3	3	2	3	3	3	10 2.8

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Hyperplasia	3	2	3	2	2	2	3	3	3	3	10 2.6
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:09

First Dose M/F: NA / NA

Lab: BNW

**F 344/N Rat Female
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			
	1	1	1	1	1	1	1	1	1	1			
	0	0	0	0	0	0	0	0	0	0			
	1	2	3	4	5	6	7	8	9	0	*TOTALS		
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	+	M	9		
Hyperplasia	1		1	1	1			2			5	1.2	
Pigmentation	3	3	3	3	3	2	2	3	3		9	2.8	
Lymph Node, Mandibular	+	+	+	M	+	+	+	+	+	+	9		
Atrophy	3		3		2		2			2	5	2.4	
Lymph Node, Mediastinal	+	+	I	M	+	+	+	+	+	+	8		
Atrophy					3						1	3.0	
Hyperplasia	1	2				3	2	3	3	3	7	2.4	
Pigmentation	3	3			3	3	3	3	3	3	8	3.0	
Lymph Node, Mesenteric	+	+	M	+	+	+	+	+	+	+	9		
Spleen	+	+	+	+	+	+	+	+	+	+	10		
Hematopoietic Cell Proliferation	2	2	2		2	2	2	2	2	2	9	2.0	
Thymus	M	+	+	+	+	+	+	+	+	+	9		
Atrophy		3	4	4	4	3	4	4	4	4	9	3.8	
Integumentary System													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin	+	+	+	+	+	+	+	+	+	+	10		
Musculoskeletal System													
Bone	+	+	+	+	+	+	+	+	+	+	10		
Nervous System													
Brain	+	+	+	+	+	+	+	+	+	+	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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2) Mild 4) Marked

Experiment Number: 88124-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/22/2014

Time Report Requested: 07:31:09

First Dose M/F: NA / NA

Lab: BNW

F 344/N Rat 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
	9	9	9	9	9	9	9	9	9	9
	4	4	4	4	4	4	4	4	4	4
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

*TOTALS

Respiratory System

Larynx	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1	1	1	1	1		1	1	9	1.0
Hyperplasia					1						1	1.0
Inflammation, Acute					1						1	1.0
Lung	+	+	+	+	+	+	+	+	+	+	10	
Alveolar Epith, Hyperplasia	3	3	3	3	3	4	4	3	4	3	10	3.3
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	3	3	3	3	3	3	3	3	3	10	3.0
Interstitialium, Fibrosis	3	4	3	3	3	4	3	4	3	3	10	3.3
Nose	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1	1	1	1	1	1	1	1	10	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	10	
Foreign Body	1	1	1	1	1	1			1		7	1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Mineralization			1		1	1	1	1	2	2	7	1.3
Nephropathy	2	1	2	1	3	3	3	3	3	3	10	2.4

* ..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: 88124-01
 Test Type: 90-DAY
 Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/22/2014
 Time Report Requested: 07:31:09
 First Dose M/F: NA / NA
 Lab: BNW

F 344/N Rat 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	
	9	9	9	9	9	9	9	9	9	9	
	4	4	4	4	4	4	4	4	4	4	
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	*TOTALS
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

**** END OF REPORT ****

* ..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