

Experiment Number: 88124-02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Test Compound: Indium phosphide

CAS Number: 22398-80-7

Date Report Requested: 10/20/2014

Time Report Requested: 04:25:00

First Dose M/F: NA / NA

Lab: BNW

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

Experiment Number: 88124-02

P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

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Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse MALE	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice					1	9
Natural Death						1
Survivors						
Terminal Sacrifice	10	10	10	10	9	
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(10)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(9)	(8)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(10)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(10)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(10)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(10)	(9)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(10)	(9)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(10)	(9)
Liver	(10)	(0)	(0)	(1)	(10)	(10)
Pancreas	(10)	(0)	(0)	(0)	(10)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(10)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(10)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(10)	(10)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(10)	(10)	(10)	(10)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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ABRIDGED) (a)**

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Lab: BNW

B6C3F1 Mouse MALE	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Adrenal Medulla	(10)	(0)	(0)	(0)	(10)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(10)	(9)
Parathyroid Gland	(7)	(0)	(0)	(0)	(4)	(4)
Pituitary Gland	(10)	(0)	(0)	(0)	(9)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(10)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(10)	(10)
Penis	(0)	(0)	(0)	(0)	(1)	(2)
Preputial Gland	(10)	(0)	(0)	(0)	(10)	(10)
Prostate	(10)	(0)	(0)	(0)	(10)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(10)	(10)
Testes	(9)	(0)	(0)	(0)	(10)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)
Lymph Node, Bronchial	(8)	(10)	(10)	(10)	(10)	(7)
Lymph Node, Mandibular	(7)	(0)	(0)	(0)	(7)	(7)
Lymph Node, Mediastinal	(4)	(6)	(1)	(3)	(5)	(6)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(8)	(9)
Spleen	(10)	(10)	(10)	(9)	(9)	(10)
Thymus	(10)	(9)	(10)	(10)	(7)	(7)
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(0)	(10)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Date Report Requested: 10/20/2014

Time Report Requested: 04:25:00

First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse MALE	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(10)	(10)
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(10)	(10)
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(10)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(1)	(0)	(0)
URINARY SYSTEM						
Kidney	(10)	(0)	(1)	(0)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Date Report Requested: 10/20/2014

Time Report Requested: 04:25:00

First Dose M/F: NA / NA

Lab: BNW

B6C3F1 Mouse MALE	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Tumor Summary for MALE						
Total Animals with Primary Neoplasms (b)						
Total Primary Neoplasms						
Total Animals with Benign Neoplasms						
Total Benign Neoplasms						
Total Animals with Malignant Neoplasms						
Total Malignant Neoplasms						
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant						
Total Uncertain Neoplasms						

END OF MALE DATA

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Route: RESPIRATORY EXPOSURE WHOLE BODY

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First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

B6C3F1 Mouse FEMALE	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Accidentally Killed					1	
Moribund Sacrifice					1	10
Natural Death					2	
Survivors						
Terminal Sacrifice	10	10	10	10	6	
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(10)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(8)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(8)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(8)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(9)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(8)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(8)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(8)	(10)
Liver	(10)	(0)	(0)	(0)	(10)	(10)
Pancreas	(10)	(0)	(0)	(0)	(9)	(10)
Salivary Glands	(10)	(10)	(10)	(10)	(10)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(9)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(9)	(10)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(10)	(10)	(10)	(10)	(10)
ENDOCRINE SYSTEM						

a - Number of animals examined microscopically at site and number of animals with lesion

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Lab: BNW

B6C3F1 Mouse FEMALE	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(9)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(9)	(10)
Parathyroid Gland	(4)	(0)	(0)	(0)	(6)	(4)
Pituitary Gland	(10)	(0)	(0)	(0)	(10)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(10)	(9)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(9)	(0)	(0)	(0)	(9)	(7)
Ovary	(9)	(10)	(10)	(10)	(10)	(10)
Oviduct	(1)	(0)	(0)	(0)	(0)	(0)
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Vagina	(0)	(0)	(1)	(0)	(0)	(0)

HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)
Lymph Node, Bronchial	(9)	(10)	(10)	(10)	(8)	(10)
Lymph Node, Mandibular	(9)	(0)	(0)	(0)	(6)	(9)
Lymph Node, Mediastinal	(0)	(2)	(3)	(1)	(4)	(6)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(9)	(9)
Spleen	(10)	(10)	(10)	(10)	(9)	(10)
Thymus	(10)	(10)	(10)	(10)	(9)	(9)

INTEGUMENTARY SYSTEM

Mammary Gland	(10)	(10)	(10)	(10)	(10)	(10)
Skin	(10)	(1)	(0)	(0)	(10)	(10)

MUSCULOSKELETAL SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Lab: BNW

B6C3F1 Mouse FEMALE	CONTROL	1.0 MG/M3	3.0 MG/M3	10.0 MG/M3	30.0 MG/M3	100.0 MG/M3
Bone	(10)	(0)	(0)	(0)	(10)	(10)
Skeletal Muscle	(0)	(1)	(0)	(0)	(0)	(0)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(10)	(10)
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(10)	(10)
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(9)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(0)	(1)	(0)
Zymbal's Gland	(0)	(0)	(1)	(0)	(0)	(0)
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(9)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Lab: BNW

B6C3F1 Mouse FEMALE

CONTROL

1.0 MG/M3

3.0 MG/M3

10.0 MG/M3

30.0 MG/M3

100.0 MG/M3

Tumor Summary for FEMALE

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain -

Benign or Malignant

Total Uncertain Neoplasms

**** END OF REPORT ****

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically