

Experiment Number: 20011-04
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

Test Compound: 1-Bromopropane
CAS Number: 106-94-5

Date Report Requested: 10/18/2014
Time Report Requested: 17:04:32
First Dose M/F: NA / NA
Lab: BNW

| | |
|-----------------------------|------------|
| C Number: | C20011 |
| Lock Date: | 06/13/2003 |
| 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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First Dose M/F: NA / NA

Lab: BNW

| B6C3F1 Mouse MALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|----------------------------------|---------|----------|---------|---------|---------|
| Disposition Summary | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | |
| Accidentally Killed | | | | 1 | |
| Moribund Sacrifice | | | | | 2 |
| Natural Death | | | | | 2 |
| Survivors | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 9 | 6 |
| Animals Examined Microscopically | 10 | 10 | 10 | 10 | 10 |
| ALIMENTARY SYSTEM | | | | | |
| Esophagus | (10) | (0) | (0) | (10) | (10) |
| Gallbladder | (7) | (0) | (0) | (5) | (6) |
| Intestine Large, Cecum | (10) | (0) | (0) | (9) | (8) |
| Intestine Large, Colon | (10) | (0) | (0) | (10) | (9) |
| Intestine Large, Rectum | (10) | (0) | (0) | (10) | (9) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (10) | (8) |
| Intestine Small, Ileum | (10) | (0) | (0) | (10) | (8) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (10) | (8) |
| Liver | (10) | (10) | (10) | (10) | (10) |
| Pancreas | (10) | (0) | (0) | (9) | (10) |
| Salivary Glands | (10) | (0) | (0) | (10) | (10) |
| Stomach, Forestomach | (10) | (0) | (0) | (10) | (10) |
| Stomach, Glandular | (10) | (0) | (0) | (10) | (10) |
| CARDIOVASCULAR SYSTEM | | | | | |
| Heart | (10) | (0) | (0) | (10) | (10) |
| ENDOCRINE 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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First Dose M/F: NA / NA

Lab: BNW

| B6C3F1 Mouse MALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|--------------------|---------|----------|---------|---------|---------|
| Adrenal Cortex | (10) | (0) | (0) | (10) | (10) |
| Adrenal Medulla | (10) | (0) | (0) | (10) | (10) |
| Islets, Pancreatic | (10) | (0) | (0) | (9) | (10) |
| Parathyroid Gland | (7) | (0) | (0) | (8) | (7) |
| Pituitary Gland | (10) | (0) | (0) | (9) | (9) |
| Thyroid Gland | (10) | (0) | (0) | (10) | (10) |

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

| | | | | | |
|-----------------|------|-----|-----|------|------|
| Epididymis | (10) | (0) | (0) | (10) | (10) |
| Preputial Gland | (10) | (0) | (0) | (10) | (10) |
| Prostate | (10) | (0) | (0) | (10) | (9) |
| Seminal Vesicle | (10) | (0) | (0) | (10) | (10) |
| Testes | (10) | (0) | (1) | (10) | (10) |

HEMATOPOIETIC SYSTEM

| | | | | | |
|-------------------------|------|-----|-----|------|------|
| Bone Marrow | (10) | (0) | (0) | (10) | (10) |
| Lymph Node, Bronchial | (7) | (0) | (0) | (5) | (7) |
| Lymph Node, Mandibular | (3) | (0) | (0) | (5) | (4) |
| Lymph Node, Mediastinal | (7) | (0) | (0) | (5) | (6) |
| Lymph Node, Mesenteric | (10) | (0) | (0) | (10) | (9) |
| Spleen | (10) | (1) | (0) | (10) | (10) |
| Thymus | (10) | (0) | (0) | (10) | (10) |

INTEGUMENTARY SYSTEM

| | | | | | |
|------|------|-----|-----|------|------|
| Skin | (10) | (0) | (0) | (10) | (10) |
|------|------|-----|-----|------|------|

MUSCULOSKELETAL SYSTEM

| | | | | | |
|------|------|-----|-----|------|------|
| Bone | (10) | (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

Experiment Number: 20011-04

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Species/Strain: Mouse/B6C3F1

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Date Report Requested: 10/18/2014

Time Report Requested: 17:04:32

First Dose M/F: NA / NA

Lab: BNW

| B6C3F1 Mouse MALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|-----------------------|---------|----------|---------|---------|---------|
| NERVOUS SYSTEM | | | | | |
| Brain | (10) | (0) | (0) | (10) | (10) |
| RESPIRATORY SYSTEM | | | | | |
| Larynx | (10) | (10) | (10) | (10) | (9) |
| Lung | (10) | (10) | (10) | (10) | (10) |
| Nose | (10) | (10) | (10) | (10) | (10) |
| Trachea | (10) | (10) | (10) | (10) | (10) |
| SPECIAL SENSES SYSTEM | | | | | |
| Eye | (10) | (0) | (0) | (10) | (10) |
| Harderian Gland | (10) | (0) | (0) | (9) | (10) |
| URINARY SYSTEM | | | | | |
| Kidney | (10) | (0) | (0) | (10) | (10) |
| Urinary Bladder | (9) | (0) | (0) | (10) | (9) |

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

Experiment Number: 20011-04
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Date Report Requested: 10/18/2014
Time Report Requested: 17:04:32
First Dose M/F: NA / NA
Lab: BNW

| B6C3F1 Mouse MALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|--------------------------|----------------|-----------------|----------------|----------------|----------------|
|--------------------------|----------------|-----------------|----------------|----------------|----------------|

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

Experiment Number: 20011-04

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Date Report Requested: 10/18/2014

Test Type: 90-DAY

Test Compound: 1-Bromopropane

Time Report Requested: 17:04:32

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: 106-94-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

| B6C3F1 Mouse FEMALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|----------------------------------|---------|----------|---------|---------|---------|
| Disposition Summary | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | |
| Moribund Sacrifice | | | | | 2 |
| Natural Death | | | | | 3 |
| Survivors | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 10 | 5 |
| Animals Examined Microscopically | 10 | 10 | 10 | 10 | 10 |
| ALIMENTARY SYSTEM | | | | | |
| Esophagus | (10) | (0) | (0) | (10) | (10) |
| Gallbladder | (10) | (0) | (0) | (7) | (6) |
| Intestine Large, Cecum | (10) | (0) | (0) | (10) | (9) |
| Intestine Large, Colon | (10) | (0) | (0) | (10) | (9) |
| Intestine Large, Rectum | (10) | (0) | (0) | (10) | (9) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (10) | (7) |
| Intestine Small, Ileum | (10) | (0) | (0) | (10) | (7) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (10) | (7) |
| Liver | (10) | (10) | (10) | (10) | (10) |
| Oral Mucosa | (1) | (0) | (1) | (0) | (0) |
| Pancreas | (10) | (0) | (0) | (10) | (10) |
| Salivary Glands | (10) | (0) | (0) | (10) | (10) |
| Stomach, Forestomach | (10) | (0) | (0) | (10) | (10) |
| Stomach, Glandular | (10) | (0) | (0) | (10) | (10) |
| CARDIOVASCULAR SYSTEM | | | | | |
| Heart | (10) | (0) | (0) | (10) | (10) |
| ENDOCRINE 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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First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

| B6C3F1 Mouse FEMALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|---------------------|---------|----------|---------|---------|---------|
| Adrenal Cortex | (10) | (10) | (10) | (10) | (10) |
| Adrenal Medulla | (10) | (10) | (10) | (10) | (10) |
| Islets, Pancreatic | (10) | (0) | (0) | (10) | (10) |
| Parathyroid Gland | (6) | (0) | (0) | (7) | (5) |
| Pituitary Gland | (10) | (0) | (0) | (10) | (9) |
| Thyroid Gland | (10) | (0) | (0) | (10) | (10) |

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

| | | | | | |
|----------------|------|-----|-----|------|------|
| Clitoral Gland | (7) | (0) | (0) | (5) | (7) |
| Ovary | (10) | (0) | (0) | (10) | (10) |
| Uterus | (10) | (0) | (0) | (10) | (10) |

HEMATOPOIETIC SYSTEM

| | | | | | |
|-------------------------|------|-----|-----|------|------|
| Bone Marrow | (10) | (0) | (0) | (10) | (10) |
| Lymph Node, Bronchial | (9) | (0) | (0) | (7) | (7) |
| Lymph Node, Mandibular | (10) | (0) | (0) | (6) | (8) |
| Lymph Node, Mediastinal | (7) | (0) | (0) | (3) | (4) |
| Lymph Node, Mesenteric | (9) | (0) | (0) | (9) | (9) |
| Spleen | (10) | (0) | (0) | (10) | (10) |
| Thymus | (10) | (0) | (0) | (10) | (10) |

INTEGUMENTARY SYSTEM

| | | | | | |
|---------------|------|-----|-----|------|------|
| Mammary Gland | (10) | (0) | (0) | (10) | (10) |
| Skin | (9) | (0) | (0) | (10) | (10) |

MUSCULOSKELETAL SYSTEM

| | | | | | |
|------|------|-----|-----|------|------|
| Bone | (10) | (0) | (0) | (10) | (10) |
|------|------|-----|-----|------|------|

NERVOUS 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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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA

Lab: BNW

| B6C3F1 Mouse FEMALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|-----------------------|---------|----------|---------|---------|---------|
| Brain | (10) | (0) | (0) | (10) | (10) |
| RESPIRATORY SYSTEM | | | | | |
| Larynx | (10) | (10) | (10) | (10) | (10) |
| Lung | (10) | (10) | (10) | (10) | (10) |
| Nose | (10) | (10) | (10) | (10) | (10) |
| Trachea | (10) | (10) | (10) | (9) | (10) |
| SPECIAL SENSES SYSTEM | | | | | |
| Eye | (10) | (0) | (0) | (10) | (10) |
| Harderian Gland | (10) | (0) | (0) | (10) | (10) |
| URINARY SYSTEM | | | | | |
| Kidney | (10) | (10) | (10) | (10) | (10) |
| Urinary Bladder | (10) | (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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Species/Strain: Mouse/B6C3F1

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

| B6C3F1 Mouse FEMALE | CONTROL | 62.5 PPM | 125 PPM | 250 PPM | 500 PPM |
|----------------------------|----------------|-----------------|----------------|----------------|----------------|
|----------------------------|----------------|-----------------|----------------|----------------|----------------|

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