

Experiment Number: 99023-02
Test Type: 90-DAY
Species/Strain: Mouse/B6C3F1

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

Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/20/2014
Time Report Requested: 17:29:09
First Dose M/F: NA / NA
Lab: BAT

C Number: C99023
Lock Date: 10/17/2001
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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Lab: BAT

| B6C3F1 Mouse MALE | 0 G/KG | 0.25 G/KG | 0.5 G/KG | 1.0 G/KG | 2.0 G/KG | 4.0 G/KG |
|----------------------------------|--------|-----------|----------|----------|----------|----------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | | |
| Moribund Sacrifice | | | | | 5 | 2 |
| Natural Death | | | | | 4 | 8 |
| Survivors | | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 10 | 1 | |
| Animals Examined Microscopically | 10 | 10 | 10 | 10 | 10 | 10 |
| ALIMENTARY SYSTEM | | | | | | |
| Esophagus | (10) | (0) | (0) | (10) | (10) | (10) |
| Gallbladder | (10) | (0) | (0) | (10) | (9) | (8) |
| Intestine Large, Cecum | (10) | (0) | (0) | (10) | (10) | (9) |
| Intestine Large, Colon | (10) | (0) | (0) | (10) | (8) | (8) |
| Intestine Large, Rectum | (10) | (0) | (0) | (10) | (10) | (9) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (10) | (9) | (6) |
| Intestine Small, Ileum | (10) | (0) | (0) | (10) | (9) | (7) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (10) | (8) | (6) |
| Liver | (10) | (10) | (10) | (10) | (10) | (10) |
| Oral Mucosa | (10) | (0) | (0) | (10) | (10) | (10) |
| Pancreas | (10) | (10) | (10) | (10) | (10) | (10) |
| Salivary Glands | (10) | (0) | (0) | (10) | (10) | (10) |
| Stomach, Forestomach | (10) | (10) | (10) | (10) | (10) | (10) |
| Stomach, Glandular | (10) | (0) | (0) | (10) | (10) | (10) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Blood Vessel | (10) | (0) | (0) | (10) | (9) | (10) |
| Heart | (10) | (0) | (0) | (10) | (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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|-------------------------------|--------|-----------|----------|----------|----------|----------|
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (10) | (0) | (0) | (10) | (10) | (10) |
| Adrenal Medulla | (10) | (0) | (0) | (10) | (10) | (10) |
| Parathyroid Gland | (9) | (0) | (0) | (9) | (7) | (6) |
| Pituitary Gland | (10) | (0) | (0) | (10) | (10) | (10) |
| Thyroid Gland | (10) | (0) | (0) | (10) | (10) | (10) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| Coagulating Gland | (10) | (0) | (0) | (10) | (9) | (10) |
| Epididymis | (10) | (0) | (0) | (10) | (10) | (10) |
| Preputial Gland | (10) | (0) | (0) | (10) | (10) | (10) |
| Prostate | (10) | (0) | (0) | (10) | (10) | (10) |
| Seminal Vesicle | (10) | (0) | (0) | (10) | (10) | (10) |
| Testes | (10) | (10) | (10) | (10) | (10) | (10) |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow | (10) | (10) | (10) | (10) | (10) | (10) |
| Lymph Node, Mandibular | (10) | (10) | (10) | (9) | (9) | (10) |
| Lymph Node, Mesenteric | (10) | (10) | (10) | (10) | (10) | (10) |
| Spleen | (10) | (10) | (10) | (10) | (10) | (10) |
| Thymus | (10) | (10) | (10) | (10) | (10) | (10) |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | (1) | (0) | (0) | (0) | (0) | (0) |
| Skin | (10) | (0) | (0) | (10) | (10) | (10) |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | (10) | (0) | (0) | (10) | (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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Lab: BAT

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|-----------------------|--------|-----------|----------|----------|----------|----------|
| NERVOUS SYSTEM | | | | | | |
| Brain | (10) | (0) | (0) | (10) | (10) | (10) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (10) | (0) | (0) | (10) | (10) | (10) |
| Nose | (10) | (10) | (10) | (10) | (10) | (10) |
| Trachea | (10) | (0) | (0) | (10) | (10) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (10) | (0) | (0) | (10) | (10) | (10) |
| Harderian Gland | (10) | (0) | (0) | (10) | (10) | (10) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (10) | (10) | (10) | (10) | (10) |
| Urinary Bladder | (10) | (0) | (0) | (10) | (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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First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse MALE | 0 G/KG | 0.25 G/KG | 0.5 G/KG | 1.0 G/KG | 2.0 G/KG | 4.0 G/KG |
|-------------------|--------|-----------|----------|----------|----------|----------|
|-------------------|--------|-----------|----------|----------|----------|----------|

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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First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse FEMALE | 0 G/KG | 0.25 G/KG | 0.5 G/KG | 1.0 G/KG | 2.0 G/KG | 4.0 G/KG |
|----------------------------------|--------|-----------|----------|----------|----------|----------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | | |
| Moribund Sacrifice | | | | | 1 | 5 |
| Natural Death | | | | | 7 | 5 |
| Survivors | | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 10 | 2 | |
| Animals Examined Microscopically | 10 | 10 | 10 | 10 | 10 | 10 |
| ALIMENTARY SYSTEM | | | | | | |
| Esophagus | (10) | (0) | (0) | (10) | (10) | (10) |
| Gallbladder | (10) | (0) | (0) | (9) | (8) | (9) |
| Intestine Large, Cecum | (10) | (0) | (0) | (10) | (8) | (10) |
| Intestine Large, Colon | (10) | (0) | (0) | (10) | (7) | (8) |
| Intestine Large, Rectum | (10) | (0) | (0) | (10) | (10) | (10) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (10) | (8) | (9) |
| Intestine Small, Ileum | (10) | (0) | (0) | (10) | (6) | (9) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (10) | (6) | (9) |
| Liver | (10) | (10) | (10) | (10) | (10) | (10) |
| Oral Mucosa | (10) | (0) | (2) | (10) | (10) | (10) |
| Pancreas | (10) | (10) | (10) | (10) | (10) | (10) |
| Salivary Glands | (10) | (0) | (0) | (10) | (10) | (10) |
| Stomach, Forestomach | (10) | (10) | (10) | (10) | (10) | (10) |
| Stomach, Glandular | (10) | (0) | (0) | (10) | (10) | (10) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Blood Vessel | (10) | (0) | (0) | (10) | (10) | (10) |
| Heart | (10) | (0) | (0) | (10) | (10) | (10) |

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

b - Primary tumors: all tumors except metastatic tumors

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|-------------------------------|--------|-----------|----------|----------|----------|----------|
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (10) | (0) | (0) | (10) | (10) | (10) |
| Adrenal Medulla | (10) | (0) | (0) | (10) | (10) | (10) |
| Parathyroid Gland | (10) | (0) | (0) | (8) | (8) | (5) |
| Pituitary Gland | (10) | (0) | (0) | (10) | (10) | (10) |
| Thyroid Gland | (10) | (0) | (0) | (10) | (10) | (10) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| Clitoral Gland | (10) | (0) | (0) | (10) | (9) | (10) |
| Ovary | (10) | (0) | (0) | (10) | (10) | (10) |
| Uterus | (10) | (0) | (0) | (10) | (10) | (10) |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow | (10) | (10) | (10) | (10) | (10) | (10) |
| Lymph Node, Mandibular | (10) | (10) | (10) | (10) | (8) | (10) |
| Lymph Node, Mesenteric | (10) | (10) | (10) | (10) | (10) | (10) |
| Spleen | (10) | (10) | (10) | (10) | (10) | (10) |
| Thymus | (10) | (10) | (10) | (10) | (10) | (10) |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | (10) | (0) | (0) | (10) | (10) | (10) |
| Skin | (10) | (0) | (0) | (10) | (10) | (10) |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | (10) | (0) | (0) | (10) | (10) | (10) |
| NERVOUS SYSTEM | | | | | | |
| Brain | (10) | (0) | (0) | (10) | (10) | (10) |

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

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Lab: BAT

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|------------------------------|---------------|------------------|-----------------|-----------------|-----------------|-----------------|
| Peripheral Nerve | (1) | (0) | (0) | (0) | (0) | (0) |
| Spinal Cord | (0) | (0) | (0) | (0) | (0) | (1) |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (10) | (0) | (0) | (10) | (10) | (10) |
| Nose | (10) | (10) | (10) | (10) | (10) | (10) |
| Trachea | (10) | (0) | (0) | (10) | (10) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Ear | (2) | (0) | (0) | (0) | (0) | (0) |
| Eye | (10) | (0) | (0) | (10) | (10) | (10) |
| Harderian Gland | (10) | (0) | (0) | (10) | (10) | (9) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (10) | (10) | (10) | (10) | (10) |
| Urinary Bladder | (10) | (0) | (0) | (10) | (10) | (10) |

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|---------------------|--------|-----------|----------|----------|----------|----------|
|---------------------|--------|-----------|----------|----------|----------|----------|

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