

**TDMS No.** 20302 - 04

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

**Date Report Reqsted:** 11/17/2006

**Test Type:** 90-DAY

ALPHA-PINENE

**Time Report Reqsted:** 07:28:41

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**CAS Number:** 80-56-8

**First Dose M/F:** 03/28/05 / 03/28/05

**Species/Strain:** MICE/B6C3F1

**Pathologist:** GRUMBEIN, S. - LIEUALLEN, W.

**Lab:** BNW

F1\_M3

**C Number:** C20302  
**Lock Date:** 12/07/2005  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL

Test Type: 90-DAY

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Species/Strain: MICE/B6C3F1

Pathologist: GRUMBEIN, S. - LIEUALLEN, W.

Lab: BNW

B6C3F1 MICE MALE	control	25 ppm	50 ppm	100 ppm	200 ppm	400 ppm
<b>Disposition Summary</b>						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Gallbladder	(9)	(0)	(0)	(0)	(0)	(7)
Pancreas	(10)	(0)	(0)	(1)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						

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

Test Type: 90-DAY

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Pathologist: GRUMBEIN, S. - LIEUALLEN, W.

Lab: BNW

B6C3F1 MICE MALE	control	25 ppm	50 ppm	100 ppm	200 ppm	400 ppm
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)	(10)	(10)	(10)

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

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Lab: BNW

**B6C3F1 MICE MALE**

**control**

**25 ppm**

**50 ppm**

**100 ppm**

**200 ppm**

**400 ppm**

**Tumor Summary for Males**

**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 \*\*\*

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

b - Primary tumors: all tumors except metastatic tumors

Test Type: 90-DAY

Time Report Requested: 07:28:41

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Species/Strain: MICE/B6C3F1

Pathologist: GRUMBEIN, S. - LIEUALLEN, W.

Lab: BNW

B6C3F1 MICE FEMALE	control	25 ppm	50 ppm	100 ppm	200 ppm	400 ppm
<b>Disposition Summary</b>						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Ovary	(10)	(0)	(0)	(0)	(0)	(10)
Teratoma Benign	1 (10%)					
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						

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Lab: BNW

B6C3F1 MICE FEMALE	control	25 ppm	50 ppm	100 ppm	200 ppm	400 ppm
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
None						
<b>URINARY SYSTEM</b>						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(10)	(10)	(10)	(10)	(10)

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

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Lab: BNW

**B6C3F1 MICE FEMALE**

**control**

**25 ppm**

**50 ppm**

**100 ppm**

**200 ppm**

**400 ppm**

**Tumor Summary for Females**

**Total Animals with Primary Neoplasms (b)** 1

**Total Primary Neoplasms** 1

**Total Animals with Benign Neoplasms** 1

**Total Benign Neoplasms** 1

**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