

**TDMS No.** 20301 - 04

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

**Date Report Requested:** 05/19/2011

**Test Type:** 90-DAY

p-Toluenesulfonamide

**Time Report Requested:** 12:47:52

**Route:** DOSED FEED

**CAS Number:** 70-55-3

**First Dose M/F:** 10/19/06 / 10/20/06

**Species/Strain:** MICE/B6C3F1

**Lab:** MBA

F1\_M3

**C Number:** C20301

**Lock Date:** 12/23/2009

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** 25022 ACCK

25021 TSAC

**Removal Date Range:** ALL

**Treatment Groups:** Include 001 0 ppm

Include 002 625 ppm

Include 003 1250 ppm

Include 004 2500 ppm

Include 005 5000 ppm

Include 006 10000 ppm

Include 008 0 ppm

Include 009 625 ppm

Include 010 1250 ppm

Include 011 2500 ppm

Include 012 5000 ppm

Include 013 10000 ppm

**Study Gender:** Both

**TDMSE Version:** 2.4.0.0\_003

**PWG Approval Date:** NONE

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Species/Strain: MICE/B6C3F1

Lab: MBA

B6C3F1 MICE MALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10000 ppm
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**Disposition Summary**

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

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(0)	(10)
Oral Mucosa	(10)	(0)	(0)	(0)	(0)	(10)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
Tongue	(10)	(0)	(0)	(0)	(0)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(9)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)

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

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Species/Strain: MICE/B6C3F1

Lab: MBA

B6C3F1 MICE MALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10000 ppm
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(9)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)

## INTEGUMENTARY SYSTEM

Mammary Gland	(4)	(0)	(0)	(0)	(0)	(5)
Skin	(10)	(0)	(0)	(0)	(0)	(10)

## MUSCULOSKELETAL SYSTEM

Bone	(10)	(0)	(0)	(0)	(0)	(10)
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a - Number of animals examined microscopically at site and number of animals with lesion

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Lab: MBA

B6C3F1 MICE MALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10000 ppm
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>						
Larynx	(10)	(0)	(0)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

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

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Species/Strain: MICE/B6C3F1

Lab: MBA

B6C3F1 MICE MALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10000 ppm
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**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

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First Dose M/F: 10/19/06 / 10/20/06

Species/Strain: MICE/B6C3F1

Lab: MBA

B6C3F1 MICE FEMALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10000 ppm
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Accidentally Killed						1
Survivors						
Terminal Sacrifice	10	10	10	10	10	9
Animals Examined Microscopically	10					10

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(9)
Liver	(10)	(0)	(0)	(0)	(0)	(9)
Oral Mucosa	(10)	(0)	(0)	(0)	(0)	(10)
Pancreas	(10)	(0)	(0)	(0)	(0)	(9)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(9)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(9)
Tongue	(10)	(0)	(0)	(0)	(0)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
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a - Number of animals examined microscopically at site and number of animals with lesion

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Lab: MBA

B6C3F1 MICE FEMALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10000 ppm
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Clitoral Gland	(1)	(0)	(0)	(0)	(0)	(1)
Ovary	(10)	(0)	(0)	(0)	(0)	(9)
Uterus	(10)	(0)	(0)	(0)	(0)	(9)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(8)
Spleen	(10)	(0)	(0)	(0)	(0)	(9)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)

## INTEGUMENTARY SYSTEM

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

## MUSCULOSKELETAL SYSTEM

Bone	(10)	(0)	(0)	(0)	(0)	(10)
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a - Number of animals examined microscopically at site and number of animals with lesion

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B6C3F1 MICE FEMALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10000 ppm
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
<b>RESPIRATORY SYSTEM</b>						
Larynx	(10)	(0)	(0)	(0)	(0)	(10)
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(9)

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



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### Tumor Summary for Females

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