

**Experiment Number:** 99037 - 04

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

**Date Report Requested:** 09/20/2016

**Test Type:** 90-DAY

alpha/beta Thujone mixture

**Time Report Requested:** 15:14:27

**Route:** GAVAGE

**CAS Number:** 76231-76-0

**First Dose M/F:** 08/14/02 / 08/15/02

**Species/Strain:** MICE/B6C3F1

**Lab:** SRI

**NTP Study Number:** C99037B  
**Lock Date:** 04/04/2003  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

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alpha/beta Thujone mixture

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CAS Number: 76231-76-0

First Dose M/F: 08/14/02 / 08/15/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/KG	6.25 MG/KG	12.5 MG/KG	25 MG/KG	50 MG/KG	75 MG/KG
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Natural Death					9	10
Survivors						
Terminal Sacrifice	10	10	10	10	1	
Animals Examined Microscopically	10	10	10	10	10	10

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)	(9)	(10)
Gallbladder	(10)	(0)	(0)	(9)	(10)	(8)
Intestine Large, Cecum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)	(9)	(9)
Liver	(10)	(0)	(0)	(10)	(10)	(10)
Pancreas	(10)	(0)	(0)	(10)	(10)	(10)
Salivary Glands	(10)	(0)	(0)	(10)	(10)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)	(10)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)	(10)	(10)

## CARDIOVASCULAR SYSTEM

Heart	(10)	(0)	(0)	(10)	(10)	(10)
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## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(10)	(10)	(10)	(10)	(10)
Parathyroid Gland	(10)	(0)	(0)	(10)	(10)	(9)
Pituitary Gland	(10)	(0)	(0)	(10)	(10)	(9)

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

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Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE MALE	0 MG/KG	6.25 MG/KG	12.5 MG/KG	25 MG/KG	50 MG/KG	75 MG/KG
Thyroid Gland	(10)	(0)	(0)	(10)	(10)	(10)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
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)	(0)	(0)	(10)	(10)	(10)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(10)	(0)	(0)	(10)	(10)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(10)	(9)	(10)
Lymph Node, Mesenteric	(9)	(0)	(0)	(10)	(10)	(9)
Spleen	(10)	(0)	(0)	(10)	(10)	(10)
Thymus	(10)	(0)	(0)	(10)	(10)	(10)
<b>INTEGUMENTARY SYSTEM</b>						
Skin	(10)	(0)	(0)	(10)	(10)	(10)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(10)	(0)	(0)	(10)	(10)	(10)
Skeletal Muscle	(10)	(0)	(0)	(2)	(10)	(10)

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

Experiment Number: 99037 - 04

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

Date Report Requested: 09/20/2016

Test Type: 90-DAY

alpha/beta Thujone mixture

Time Report Requested: 15:14:27

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: 08/14/02 / 08/15/02

Species/Strain: MICE/B6C3F1

Lab: SRI

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B6C3F1 MICE MALE	0 MG/KG	6.25 MG/KG	12.5 MG/KG	25 MG/KG	50 MG/KG	75 MG/KG
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(10)	(10)	(10)	(10)	(10)
Peripheral Nerve	(10)	(0)	(0)	(5)	(10)	(10)
Spinal Cord	(10)	(0)	(0)	(4)	(10)	(10)
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Nose	(10)	(0)	(0)	(10)	(10)	(10)
Trachea	(10)	(0)	(0)	(10)	(10)	(10)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(10)
<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(0)	(10)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(10)	(10)	(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 MALE

0 MG/KG

6.25 MG/KG

12.5 MG/KG

25 MG/KG

50 MG/KG

75 MG/KG

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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

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\*\*\* 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

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CAS Number: 76231-76-0

First Dose M/F: 08/14/02 / 08/15/02

Species/Strain: MICE/B6C3F1

Lab: SRI

B6C3F1 MICE FEMALE	0 MG/KG	6.25 MG/KG	12.5 MG/KG	25 MG/KG	50 MG/KG	75 MG/KG
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**Disposition Summary**

Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Natural Death					7	10
Survivors						
Terminal Sacrifice	10	10	10	10	3	
Animals Examined Microscopically	10	10	10	10	10	10

## ALIMENTARY SYSTEM

Esophagus	(10)	(0)	(0)	(10)	(10)	(10)
Gallbladder	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(10)	(9)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(10)	(10)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(10)	(8)	(10)
Liver	(10)	(0)	(0)	(10)	(10)	(10)
Pancreas	(10)	(0)	(0)	(10)	(10)	(10)
Salivary Glands	(10)	(0)	(0)	(10)	(10)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(10)	(10)	(10)
Stomach, Glandular	(10)	(0)	(0)	(10)	(10)	(10)

## CARDIOVASCULAR SYSTEM

Heart	(10)	(0)	(0)	(10)	(10)	(10)
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## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Adrenal Medulla	(10)	(0)	(0)	(10)	(10)	(10)
Parathyroid Gland	(10)	(0)	(0)	(10)	(10)	(9)
Pituitary Gland	(10)	(0)	(0)	(10)	(10)	(10)

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

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B6C3F1 MICE FEMALE	0 MG/KG	6.25 MG/KG	12.5 MG/KG	25 MG/KG	50 MG/KG	75 MG/KG
Thyroid Gland	(10)	(0)	(0)	(10)	(10)	(10)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(9)	(0)	(0)	(10)	(10)	(10)
Ovary	(10)	(10)	(10)	(10)	(10)	(10)
Teratoma Benign					1 (10%)	
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Vagina	(10)	(10)	(10)	(10)	(10)	(10)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(10)	(0)	(0)	(10)	(10)	(10)
Lymph Node, Mandibular	(9)	(0)	(0)	(10)	(10)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(10)	(10)	(9)
Spleen	(10)	(1)	(0)	(10)	(10)	(10)
Thymus	(10)	(0)	(0)	(10)	(10)	(10)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(10)	(0)	(0)	(10)	(10)	(10)
Skin	(10)	(0)	(0)	(10)	(10)	(10)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(10)	(0)	(0)	(10)	(10)	(10)
Skeletal Muscle	(10)	(0)	(0)	(5)	(10)	(10)

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

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<b>NERVOUS SYSTEM</b>						
Brain	(10)	(10)	(10)	(10)	(10)	(10)
Peripheral Nerve	(10)	(0)	(0)	(5)	(10)	(10)
Spinal Cord	(10)	(0)	(0)	(5)	(10)	(10)
<hr/>						
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Nose	(10)	(0)	(0)	(10)	(10)	(10)
Trachea	(10)	(0)	(0)	(10)	(10)	(10)
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<b>SPECIAL SENSES SYSTEM</b>						
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(10)
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<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(0)	(10)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(10)	(10)	(10)

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B6C3F1 MICE FEMALE	0 MG/KG	6.25 MG/KG	12.5 MG/KG	25 MG/KG	50 MG/KG	75 MG/KG
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### 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						

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\*\*\* 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