

**Experiment Number:** 99037-97  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

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

**Test Compound:** alpha/beta Thujone mixture

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

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 16:51:34

**First Dose M/F:** NA / NA

**Lab:** MBA

<b>C Number:</b>	C99037
<b>Lock Date:</b>	01/24/2002
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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B6C3F1 Mouse MALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
<b>Disposition Summary</b>						
Animals Initially In Study	4	4	4	4	4	4
Early Deaths						
Natural Death						3
Survivors						
Terminal Sacrifice	4	4	4	4	4	1
Animals Examined Microscopically	4				4	4
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(0)	(0)	(0)	(0)	(0)	(3)
Gallbladder	(0)	(0)	(0)	(0)	(0)	(3)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Large, Colon	(0)	(0)	(0)	(0)	(0)	(3)
Intestine Large, Rectum	(0)	(0)	(0)	(0)	(0)	(3)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(0)	(1)
Liver	(0)	(0)	(0)	(0)	(0)	(3)
Pancreas	(0)	(0)	(0)	(0)	(0)	(3)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(3)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(3)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(2)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(3)
Heart	(0)	(0)	(0)	(0)	(0)	(3)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(3)

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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B6C3F1 Mouse MALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
Adrenal Medulla	(0)	(0)	(0)	(0)	(0)	(3)
Islets, Pancreatic	(0)	(0)	(0)	(0)	(0)	(3)
Parathyroid Gland	(0)	(0)	(0)	(0)	(0)	(1)
Pituitary Gland	(0)	(0)	(0)	(0)	(0)	(2)
Thyroid Gland	(0)	(0)	(0)	(0)	(0)	(3)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(0)	(0)	(0)	(0)	(0)	(3)
Preputial Gland	(0)	(0)	(0)	(0)	(0)	(3)
Prostate	(0)	(0)	(0)	(0)	(0)	(3)
Seminal Vesicle	(0)	(0)	(0)	(0)	(0)	(3)
Testes	(0)	(0)	(0)	(0)	(0)	(3)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(0)	(0)	(0)	(0)	(0)	(3)
Lymph Node, Mandibular	(0)	(0)	(0)	(0)	(0)	(3)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(3)
Spleen	(0)	(0)	(0)	(0)	(0)	(3)
Thymus	(0)	(0)	(0)	(0)	(0)	(3)
INTEGUMENTARY SYSTEM						
Skin	(0)	(0)	(0)	(0)	(0)	(3)
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(3)
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(3)
NERVOUS SYSTEM						
Brain, Entorhinal Cortex	(4)	(0)	(0)	(0)	(4)	(1)

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

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\* Number of animals with any tissue examined microscopically

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse MALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
Brain, Hippocampus	(4)	(0)	(0)	(0)	(4)	(1)
Brain, NOS	(0)	(0)	(0)	(0)	(0)	(3)
Brain, Piriform Cortex	(4)	(0)	(0)	(0)	(4)	(1)
Peripheral Nerve, Sciatic	(4)	(0)	(0)	(0)	(4)	(4)
Peripheral Nerve, Tibial	(4)	(0)	(0)	(0)	(4)	(1)
Spinal Cord, Cervical	(4)	(0)	(0)	(0)	(4)	(4)
Spinal Cord, Lumbar	(4)	(0)	(0)	(0)	(4)	(4)
RESPIRATORY SYSTEM						
Larynx	(0)	(0)	(0)	(0)	(0)	(1)
Lung	(0)	(0)	(0)	(0)	(0)	(3)
Nose	(0)	(0)	(0)	(0)	(0)	(3)
Trachea	(0)	(0)	(0)	(0)	(0)	(3)
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(0)	(0)	(3)
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(3)
URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(3)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(2)

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:** MBA

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<b>B6C3F1 Mouse MALE</b>	<b>VEHICLE CONTROL</b>	<b>1.0 MG/KG</b>	<b>3.0 MG/KG</b>	<b>10.0 MG/KG</b>	<b>30.0 MG/KG</b>	<b>100 MG/KG</b>
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**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**

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\*\*\*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: MBA

B6C3F1 Mouse FEMALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
<b>Disposition Summary</b>						
Animals Initially In Study	4	4	4	4	4	4
Early Deaths						
Natural Death						3
Survivors						
Terminal Sacrifice	4	4	4	4	4	1
Animals Examined Microscopically	4				4	4
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(0)	(0)	(0)	(0)	(0)	(2)
Gallbladder	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Large, Colon	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Large, Rectum	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(0)	(1)
Liver	(0)	(0)	(0)	(0)	(0)	(2)
Pancreas	(0)	(0)	(0)	(0)	(0)	(2)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(2)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(2)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(1)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(2)
Heart	(0)	(0)	(0)	(0)	(0)	(2)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(2)

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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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
Adrenal Medulla	(0)	(0)	(0)	(0)	(0)	(2)
Islets, Pancreatic	(0)	(0)	(0)	(0)	(0)	(2)
Pituitary Gland	(0)	(0)	(0)	(0)	(0)	(1)
Thyroid Gland	(0)	(0)	(0)	(0)	(0)	(2)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(0)	(0)	(0)	(0)	(0)	(1)
Ovary	(0)	(0)	(0)	(0)	(0)	(2)
Uterus	(0)	(0)	(0)	(0)	(0)	(2)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(0)	(0)	(0)	(0)	(0)	(2)
Lymph Node, Mandibular	(0)	(0)	(0)	(0)	(0)	(2)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(2)
Spleen	(0)	(0)	(0)	(0)	(0)	(2)
Thymus	(0)	(0)	(0)	(0)	(0)	(2)
INTEGUMENTARY SYSTEM						
Mammary Gland	(0)	(0)	(0)	(0)	(0)	(1)
Skin	(0)	(0)	(0)	(0)	(0)	(1)
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(3)
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(2)
NERVOUS SYSTEM						
Brain, Entorhinal Cortex	(4)	(0)	(0)	(0)	(4)	(1)
Brain, Hippocampus	(4)	(0)	(0)	(0)	(4)	(1)
Brain, NOS	(0)	(0)	(0)	(0)	(0)	(2)

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

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
Brain, Piriform Cortex	(4)	(0)	(0)	(0)	(4)	(1)
Peripheral Nerve, Sciatic	(4)	(0)	(0)	(0)	(4)	(3)
Peripheral Nerve, Tibial	(4)	(0)	(0)	(0)	(4)	(1)
Spinal Cord, Cervical	(4)	(0)	(0)	(0)	(4)	(3)
Spinal Cord, Lumbar	(4)	(0)	(0)	(0)	(4)	(3)
RESPIRATORY SYSTEM						
Lung	(0)	(0)	(0)	(0)	(0)	(1)
Nose	(0)	(0)	(0)	(0)	(0)	(2)
Trachea	(0)	(0)	(0)	(0)	(0)	(2)
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(0)	(0)	(2)
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(2)
URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(2)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(2)

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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<b>B6C3F1 Mouse FEMALE</b>	<b>VEHICLE CONTROL</b>	<b>1.0 MG/KG</b>	<b>3.0 MG/KG</b>	<b>10.0 MG/KG</b>	<b>30.0 MG/KG</b>	<b>100 MG/KG</b>
<b>Tumor Summary for FEMALE</b>						
<b>Total Animals with Primary Neoplasms (b)</b>						
<b>Total Primary Neoplasms</b>						
<b>Total Animals with Benign Neoplasms</b>						
<b>Total Benign Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms</b>						
<b>Total Malignant Neoplasms</b>						
<b>Total Animals with Metastatic Neoplasms</b>						
<b>Total Metastatic Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>						
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>						
<b>Total Uncertain Neoplasms</b>						

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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

\* Number of animals with any tissue examined microscopically