

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

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

Test Compound: alpha/beta Thujone mixture
CAS Number: 76231-76-0

Date Report Requested: 10/20/2014
Time Report Requested: 16:51:48
First Dose M/F: NA / NA
Lab: MBA

C Number: C99037
Lock Date: 01/24/2002
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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P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)
 Test Compound: alpha/beta Thujone mixture
 CAS Number: 76231-76-0

Date Report Requested: 10/20/2014
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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
Disposition Summary						
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
ALIMENTARY SYSTEM						
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)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(3)
Heart	(0)	(0)	(0)	(0)	(0)	(3)
ENDOCRINE SYSTEM						
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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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

B6C3F1 Mouse MALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
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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

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
Disposition Summary						
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
ALIMENTARY SYSTEM						
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)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(2)
Heart	(0)	(0)	(0)	(0)	(0)	(2)
ENDOCRINE SYSTEM						
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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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
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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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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
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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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	1.0 MG/KG	3.0 MG/KG	10.0 MG/KG	30.0 MG/KG	100 MG/KG
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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