

Experiment Number: 99037-04
Test Type: 90-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: 10/22/2014
Time Report Requested: 21:14:52
First Dose M/F: NA / NA
Lab: SRI

C Number:	C99037B
Lock Date:	04/04/2003
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: 10/22/2014
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 First Dose M/F: NA / NA
 Lab: SRI

B6C3F1 Mouse MALE	0	MG/KG	6.25	MG/KG	12.5	MG/KG	25	MG/KG	50	MG/KG	75	MG/KG
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)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(10)		(10)		(10)		(10)		(10)	
Adrenal Medulla	(10)		(10)		(10)		(10)		(10)		(10)	

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

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Lab: SRI

B6C3F1 Mouse MALE	0	MG/KG	6.25	MG/KG	12.5	MG/KG	25	MG/KG	50	MG/KG	75	MG/KG
Parathyroid Gland	(10)		(0)		(0)		(10)		(10)		(9)	
Pituitary Gland	(10)		(0)		(0)		(10)		(10)		(9)	
Thyroid Gland	(10)		(0)		(0)		(10)		(10)		(10)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
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)	
HEMATOPOIETIC SYSTEM												
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)	
INTEGUMENTARY SYSTEM												
Skin	(10)		(0)		(0)		(10)		(10)		(10)	
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(10)		(10)		(10)	
Skeletal Muscle	(10)		(0)		(0)		(2)		(10)		(10)	
NERVOUS SYSTEM												
Brain	(10)		(10)		(10)		(10)		(10)		(10)	
Peripheral Nerve	(10)		(0)		(0)		(5)		(10)		(10)	
Spinal Cord	(10)		(0)		(0)		(4)		(10)		(10)	

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: SRI

B6C3F1 Mouse MALE	0 MG/KG	6.25 MG/KG	12.5 MG/KG	25 MG/KG	50 MG/KG	75 MG/KG
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(10)	(10)	(10)
Nose	(10)	(0)	(0)	(10)	(10)	(10)
Trachea	(10)	(0)	(0)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(10)	(10)	(10)
Harderian Gland	(10)	(0)	(0)	(10)	(10)	(10)
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(10)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(10)	(10)	(10)

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Lab: SRI

B6C3F1 Mouse 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 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

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 Lab: SRI

B6C3F1 Mouse FEMALE	0	MG/KG	6.25	MG/KG	12.5	MG/KG	25	MG/KG	50	MG/KG	75	MG/KG
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)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(10)		(10)		(10)		(10)		(10)	
Adrenal Medulla	(10)		(0)		(0)		(10)		(10)		(10)	

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: SRI

B6C3F1 Mouse FEMALE	0	MG/KG	6.25	MG/KG	12.5	MG/KG	25	MG/KG	50	MG/KG	75	MG/KG
Parathyroid Gland	(10)		(0)		(0)		(10)		(10)		(9)	
Pituitary Gland	(10)		(0)		(0)		(10)		(10)		(10)	
Thyroid Gland	(10)		(0)		(0)		(10)		(10)		(10)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
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)	
HEMATOPOIETIC SYSTEM												
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)	
INTEGUMENTARY SYSTEM												
Mammary Gland	(10)		(0)		(0)		(10)		(10)		(10)	
Skin	(10)		(0)		(0)		(10)		(10)		(10)	
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(10)		(10)		(10)	
Skeletal Muscle	(10)		(0)		(0)		(5)		(10)		(10)	
NERVOUS SYSTEM												
Brain	(10)		(10)		(10)		(10)		(10)		(10)	
Peripheral Nerve	(10)		(0)		(0)		(5)		(10)		(10)	

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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B6C3F1 Mouse FEMALE	0	MG/KG	6.25	MG/KG	12.5	MG/KG	25	MG/KG	50	MG/KG	75	MG/KG
Spinal Cord	(10)		(0)		(0)		(5)		(10)		(10)	
RESPIRATORY SYSTEM												
Lung	(10)		(0)		(0)		(10)		(10)		(10)	
Nose	(10)		(0)		(0)		(10)		(10)		(10)	
Trachea	(10)		(0)		(0)		(10)		(10)		(10)	
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(10)		(10)		(10)	
Harderian Gland	(10)		(0)		(0)		(10)		(10)		(10)	
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(10)		(10)		(10)	
Urinary Bladder	(10)		(0)		(0)		(10)		(10)		(10)	

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	0	MG/KG	6.25	MG/KG	12.5	MG/KG	25	MG/KG	50	MG/KG	75	MG/KG
Tumor Summary for FEMALE												
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

* Number of animals with any tissue examined microscopically