

**Experiment Number:** 99037-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH  
AVERAGE SEVERITY GRADES[b]**  
**Test Compound:** alpha/beta Thujone mixture  
**CAS Number:** 76231-76-0

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 07:36:47  
**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	5	5	5	5	5	5
Early Deaths						
Natural Death						5
Survivors						
Terminal Sacrifice	5	5	5	5	5	
Animals Examined Microscopically	5				5	5
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(5)	(0)	(0)	(0)	(5)	(5)
Gallbladder	(5)	(0)	(0)	(0)	(4)	(4)
Intestine Large, Cecum	(5)	(0)	(0)	(0)	(5)	(3)
Intestine Large, Colon	(5)	(0)	(0)	(0)	(5)	(4)
Intestine Large, Rectum	(5)	(0)	(0)	(0)	(5)	(5)
Intestine Small, Duodenum	(5)	(0)	(0)	(0)	(5)	(2)
Intestine Small, Ileum	(5)	(0)	(0)	(0)	(5)	(2)
Intestine Small, Jejunum	(5)	(0)	(0)	(0)	(5)	(1)
Liver	(5)	(0)	(0)	(0)	(5)	(5)
Pancreas	(5)	(0)	(0)	(0)	(5)	(5)
Salivary Glands	(5)	(0)	(0)	(0)	(5)	(4)
Stomach, Forestomach	(5)	(0)	(0)	(0)	(5)	(5)
Stomach, Glandular	(5)	(0)	(0)	(0)	(5)	(1)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(5)	(0)	(0)	(0)	(4)	(5)
Heart	(5)	(0)	(0)	(0)	(5)	(5)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(5)	(0)	(0)	(0)	(5)	(4)
Adrenal Medulla	(5)	(0)	(0)	(0)	(5)	(4)

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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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
Islets, Pancreatic	(5)	(0)	(0)	(0)	(5)	(5)
Parathyroid Gland	(3)	(0)	(0)	(0)	(3)	(3)
Pituitary Gland	(3)	(0)	(0)	(0)	(4)	(4)
Thyroid Gland	(4)	(0)	(0)	(0)	(5)	(5)
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(1)
GENITAL SYSTEM						
Epididymis	(5)	(0)	(0)	(0)	(5)	(5)
Preputial Gland	(5)	(0)	(0)	(0)	(5)	(5)
Prostate	(5)	(0)	(0)	(0)	(5)	(5)
Seminal Vesicle	(5)	(0)	(0)	(0)	(5)	(5)
Testes	(5)	(0)	(0)	(0)	(5)	(5)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(5)	(0)	(0)	(0)	(5)	(5)
Lymph Node, Mandibular	(5)	(0)	(0)	(0)	(3)	(4)
Lymph Node, Mesenteric	(5)	(0)	(0)	(0)	(5)	(5)
Spleen	(5)	(0)	(0)	(0)	(5)	(5)
Thymus	(4)	(0)	(0)	(0)	(5)	(5)
INTEGUMENTARY SYSTEM						
Skin	(5)	(0)	(0)	(0)	(5)	(5)
MUSCULOSKELETAL SYSTEM						
Bone	(4)	(0)	(0)	(0)	(5)	(5)
Skeletal Muscle	(5)	(0)	(0)	(0)	(5)	(5)
NERVOUS SYSTEM						
Brain, NOS	(5)	(0)	(0)	(0)	(5)	(5)
Peripheral Nerve, Sciatic	(5)	(0)	(0)	(0)	(5)	(5)
Spinal Cord, Cervical	(5)	(0)	(0)	(0)	(5)	(5)

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

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 Test Compound: alpha/beta Thujone mixture  
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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
Spinal Cord, Cervical	(5)	(0)	(0)	(0)	(5)	(5)
Spinal Cord, Lumbar	(5)	(0)	(0)	(0)	(5)	(5)
<b>RESPIRATORY SYSTEM</b>						
Larynx	(0)	(0)	(0)	(0)	(3)	(0)
Lung	(5)	(0)	(0)	(0)	(5)	(5)
Nose	(5)	(0)	(0)	(0)	(5)	(4)
Trachea	(5)	(0)	(0)	(0)	(5)	(5)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(5)	(0)	(0)	(0)	(5)	(5)
Harderian Gland	(5)	(0)	(0)	(0)	(5)	(5)
<b>URINARY SYSTEM</b>						
Kidney	(5)	(0)	(0)	(0)	(5)	(5)
Urinary Bladder	(5)	(0)	(0)	(0)	(5)	(5)

\*\*\*END OF MALE DATA\*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion  
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Species/Strain: Mouse/B6C3F1

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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	5	5	5	5	5	5
Early Deaths						
Natural Death						2
Survivors						
Terminal Sacrifice	5	5	5	5	5	3
Animals Examined Microscopically	5					5
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(5)	(0)	(0)	(0)	(0)	(5)
Gallbladder	(3)	(0)	(0)	(0)	(0)	(4)
Intestine Large, Cecum	(5)	(0)	(0)	(0)	(0)	(3)
Intestine Large, Colon	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Large, Rectum	(5)	(0)	(0)	(0)	(0)	(5)
Intestine Small, Duodenum	(5)	(0)	(0)	(0)	(0)	(3)
Intestine Small, Ileum	(5)	(0)	(0)	(0)	(0)	(3)
Intestine Small, Jejunum	(5)	(0)	(0)	(0)	(0)	(3)
Liver	(5)	(0)	(0)	(0)	(0)	(5)
Pancreas	(5)	(0)	(0)	(0)	(0)	(5)
Salivary Glands	(5)	(0)	(0)	(0)	(0)	(4)
Stomach, Forestomach	(5)	(0)	(0)	(0)	(0)	(5)
Stomach, Glandular	(5)	(0)	(0)	(0)	(0)	(3)
<b>CARDIOVASCULAR SYSTEM</b>						
Blood Vessel	(5)	(0)	(0)	(0)	(0)	(5)
Heart	(5)	(0)	(0)	(0)	(0)	(5)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(5)	(0)	(0)	(0)	(0)	(5)
Subcapsular, Hyperplasia, Focal	4 [1.0]					3 [1.0]

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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>
Adrenal Medulla	(5)	(0)	(0)	(0)	(0)	(4)
Islets, Pancreatic	(5)	(0)	(0)	(0)	(0)	(5)
Parathyroid Gland	(3)	(0)	(0)	(0)	(0)	(5)
Pituitary Gland	(5)	(0)	(0)	(0)	(0)	(4)
Thyroid Gland	(5)	(0)	(0)	(0)	(0)	(5)
Ectopic Thymus						1 [2.0]
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Clitoral Gland	(4)	(0)	(0)	(0)	(0)	(4)
Ovary	(5)	(0)	(0)	(0)	(0)	(5)
Uterus	(5)	(0)	(0)	(0)	(0)	(4)
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(5)	(0)	(0)	(0)	(0)	(5)
Lymph Node, Mandibular	(5)	(0)	(0)	(0)	(0)	(5)
Lymph Node, Mesenteric	(5)	(0)	(0)	(0)	(0)	(5)
Spleen	(5)	(0)	(0)	(0)	(0)	(5)
Hematopoietic Cell Proliferation	1 [1.0]					1 [2.0]
Thymus	(5)	(0)	(0)	(0)	(0)	(5)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(5)	(0)	(0)	(0)	(0)	(5)
Skin	(5)	(0)	(0)	(0)	(0)	(5)
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(5)	(0)	(0)	(0)	(0)	(5)
Skeletal Muscle	(5)	(0)	(0)	(0)	(0)	(5)
<b>NERVOUS SYSTEM</b>						
Brain, NOS	(5)	(0)	(0)	(0)	(0)	(5)

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

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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>
Brain, NOS	(5)	(0)	(0)	(0)	(0)	(5)
Peripheral Nerve, Sciatic	(5)	(0)	(0)	(0)	(0)	(5)
Spinal Cord, Cervical	(5)	(0)	(0)	(0)	(0)	(5)
Spinal Cord, Lumbar	(5)	(0)	(0)	(0)	(0)	(5)
<b>RESPIRATORY SYSTEM</b>						
Larynx	(1)	(0)	(0)	(0)	(0)	(3)
Lung	(5)	(0)	(0)	(0)	(0)	(5)
Nose	(5)	(0)	(0)	(0)	(0)	(5)
Trachea	(5)	(0)	(0)	(0)	(0)	(5)
<b>SPECIAL SENSES SYSTEM</b>						
Eye	(5)	(0)	(0)	(0)	(0)	(5)
Harderian Gland	(5)	(0)	(0)	(0)	(0)	(5)
<b>URINARY SYSTEM</b>						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Urinary Bladder	(5)	(0)	(0)	(0)	(0)	(5)

**\*\* END OF REPORT \*\***

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

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