

Experiment Number: 99037-04
Test Type: 90-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: 10/22/2014
Time Report Requested: 21:14:06
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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 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)	
Depletion Glycogen	5 [1.2]						5 [1.6]		1 [2.0]			
Hematopoietic Cell Proliferation							2 [1.0]		1 [1.0]		2 [1.0]	
Inflammation, Chronic Active	1 [1.0]											
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)	
Cyst	3						2					
Edema							1 [2.0]					
Infiltration Cellular, Eosinophil							1 [2.0]					
CARDIOVASCULAR SYSTEM												

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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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
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)	
Parathyroid Gland	(10)		(0)		(0)		(10)		(10)		(9)	
Cyst	1											
Pituitary Gland	(10)		(0)		(0)		(10)		(10)		(9)	
Pars Distalis, Cyst									1			
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)	
Inflammation, Chronic Active									1 [1.0]			
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)	
Hyperplasia, Lymphoid	1 [2.0]											
Pigmentation, Hemosiderin, Focal	1 [1.0]											
Thymus	(10)		(0)		(0)		(10)		(10)		(10)	
INTEGUMENTARY SYSTEM												

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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Test Type: 90-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: 10/22/2014

Time Report Requested: 21:14:06

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
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)	
Congestion									1 [2.0]		1 [2.0]	
RESPIRATORY SYSTEM												
Lung	(10)		(0)		(0)		(10)		(10)		(10)	
Congestion									1 [2.0]		5 [1.8]	
Hemorrhage									5 [1.8]		1 [1.0]	
Nose	(10)		(0)		(0)		(10)		(10)		(10)	
Trachea	(10)		(0)		(0)		(10)		(10)		(10)	
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(10)		(10)		(10)	
Inflammation, Acute							1 [1.0]					
Harderian Gland	(10)		(0)		(0)		(10)		(10)		(10)	
Hyperplasia, Focal							1 [2.0]					
Inflammation, Acute	1 [2.0]						2 [1.0]					
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(10)		(10)		(10)	
Cyst							1					
Nephropathy	1 [1.0]						2 [1.0]		2 [1.0]		1 [1.0]	
Renal Tubule, Mineralization											1 [1.0]	
Urinary Bladder	(10)		(0)		(0)		(10)		(10)		(10)	

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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Species/Strain: Mouse/B6C3F1

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CAS Number: 76231-76-0

Date Report Requested: 10/22/2014
Time Report Requested: 21:14:06
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
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END OF MALE DATA

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)

Experiment Number: 99037-04
 Test Type: 90-DAY
 Route: GAVAGE
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Date Report Requested: 10/22/2014
 Time Report Requested: 21:14:06
 First Dose M/F: NA / NA
 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)	
Hematopoietic Cell Proliferation	3 [1.0]						3 [1.0]		4 [1.0]		2 [1.0]	
Hepatodiaphragmatic Nodule											1	
Pancreas	(10)		(0)		(0)		(10)		(10)		(10)	
Acinus, Atrophy, Focal	1 [2.0]											
Salivary Glands	(10)		(0)		(0)		(10)		(10)		(10)	
Stomach, Forestomach	(10)		(0)		(0)		(10)		(10)		(10)	
Stomach, Glandular	(10)		(0)		(0)		(10)		(10)		(10)	
Cyst	2											
Mineralization	1 [1.0]											
CARDIOVASCULAR SYSTEM												
Heart	(10)		(0)		(0)		(10)		(10)		(10)	

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CAS Number: 76231-76-0

Date Report Requested: 10/22/2014

Time Report Requested: 21:14:07

First Dose M/F: NA / NA

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
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(10)		(10)		(10)		(10)		(10)	
Accessory Adrenal Cortical Nodule									1 [2.0]			
Adrenal Medulla	(10)		(0)		(0)		(10)		(10)		(10)	
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)	
Uterus	(10)		(10)		(10)		(10)		(10)		(10)	
Dilatation					1 [1.0]							
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)	
Hematopoietic Cell Proliferation	1 [2.0]						1 [1.0]					
Hyperplasia, Lymphoid, Focal			1 [1.0]									
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												

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
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)	
Inflammation, Acute									1 [1.0]			
Peripheral Nerve	(10)		(0)		(0)		(5)		(10)		(10)	
Spinal Cord	(10)		(0)		(0)		(5)		(10)		(10)	
RESPIRATORY SYSTEM												
Lung	(10)		(0)		(0)		(10)		(10)		(10)	
Congestion									2 [1.5]		3 [1.7]	
Hemorrhage									2 [1.0]			
Infiltration Cellular, Histiocyte, Focal							1 [2.0]					
Inflammation, Acute							1 [2.0]					
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)	
Inflammation, Acute	1 [1.0]											
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(10)		(10)		(10)	
Casts Protein	3 [1.0]											
Nephropathy	1 [1.0]								1 [1.0]			
Urinary Bladder	(10)		(0)		(0)		(10)		(10)		(10)	

**** END OF REPORT ****

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