

Experiment Number: 99021-97
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-Thujone
CAS Number: 546-80-5

Date Report Requested: 10/20/2014
Time Report Requested: 16:44:55
First Dose M/F: NA / NA
Lab: MBA

C Number: C99021
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

Experiment Number: 99021-97
 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-Thujone
 CAS Number: 546-80-5

Date Report Requested: 10/20/2014
 Time Report Requested: 16:44:55
 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						2
Survivors						
Terminal Sacrifice	4	4	4	4	4	2
Animals Examined Microscopically	4				4	4
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(1)
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)	(1)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(0)	(1)
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)
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)
Adrenal Medulla	(0)	(0)	(0)	(0)	(0)	(2)
Islets, Pancreatic	(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

Experiment Number: 99021-97

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-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014

Time Report Requested: 16:44:55

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
Parathyroid Gland	(0)	(0)	(0)	(0)	(0)	(1)
Pituitary Gland	(0)	(0)	(0)	(0)	(0)	(2)
Thyroid Gland	(0)	(0)	(0)	(0)	(0)	(1)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(0)	(0)	(0)	(0)	(0)	(2)
Preputial Gland	(0)	(0)	(0)	(0)	(0)	(2)
Prostate	(0)	(0)	(0)	(0)	(0)	(2)
Seminal Vesicle	(0)	(0)	(0)	(0)	(0)	(2)
Testes	(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						
Skin	(0)	(0)	(0)	(0)	(0)	(2)
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(2)
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(2)
NERVOUS SYSTEM						
Brain, Entorhinal Cortex	(4)	(0)	(0)	(0)	(4)	(2)
Brain, Hippocampus	(4)	(0)	(0)	(0)	(4)	(2)
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

Experiment Number: 99021-97
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-Thujone
CAS Number: 546-80-5

Date Report Requested: 10/20/2014
Time Report Requested: 16:44:55
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, Piriform Cortex	(4)	(0)	(0)	(0)	(4)	(2)
Peripheral Nerve, Sciatic	(4)	(0)	(0)	(0)	(4)	(4)
Peripheral Nerve, Tibial	(4)	(0)	(0)	(0)	(4)	(2)
Spinal Cord, Cervical	(4)	(0)	(0)	(0)	(4)	(4)
Spinal Cord, Lumbar	(4)	(0)	(0)	(0)	(4)	(4)
RESPIRATORY SYSTEM						
Lung	(0)	(0)	(0)	(0)	(0)	(2)
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

Experiment Number: 99021-97
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-Thujone
CAS Number: 546-80-5

Date Report Requested: 10/20/2014
Time Report Requested: 16:44:55
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
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

Experiment Number: 99021-97
 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-Thujone
 CAS Number: 546-80-5

Date Report Requested: 10/20/2014
 Time Report Requested: 16:44:55
 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						4
Survivors						
Terminal Sacrifice	4	4	4	4	4	
Animals Examined Microscopically	4				4	4
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(0)	(0)	(4)
Gallbladder	(0)	(0)	(0)	(0)	(0)	(2)
Intestine Large, Cecum	(0)	(0)	(0)	(0)	(0)	(4)
Intestine Large, Colon	(0)	(0)	(0)	(0)	(0)	(4)
Intestine Large, Rectum	(0)	(0)	(0)	(0)	(0)	(4)
Intestine Small, Duodenum	(0)	(0)	(0)	(0)	(0)	(3)
Intestine Small, Ileum	(0)	(0)	(0)	(0)	(0)	(3)
Intestine Small, Jejunum	(0)	(0)	(0)	(0)	(0)	(3)
Liver	(0)	(0)	(0)	(0)	(0)	(4)
Pancreas	(0)	(0)	(0)	(0)	(0)	(4)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(4)
Stomach, Forestomach	(0)	(0)	(0)	(0)	(0)	(4)
Stomach, Glandular	(0)	(0)	(0)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(0)	(0)	(0)	(0)	(0)	(3)
Heart	(0)	(0)	(0)	(0)	(0)	(4)
ENDOCRINE SYSTEM						
Adrenal Cortex	(0)	(0)	(0)	(0)	(0)	(4)

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

Experiment Number: 99021-97

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-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014

Time Report Requested: 16:44:55

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
Adrenal Medulla	(0)	(0)	(0)	(0)	(0)	(3)
Islets, Pancreatic	(0)	(0)	(0)	(0)	(0)	(4)
Parathyroid Gland	(0)	(0)	(0)	(0)	(0)	(2)
Pituitary Gland	(0)	(0)	(0)	(0)	(0)	(4)
Thyroid Gland	(0)	(0)	(0)	(0)	(0)	(4)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(0)	(0)	(0)	(0)	(0)	(2)
Ovary	(0)	(0)	(0)	(0)	(0)	(4)
Uterus	(0)	(0)	(0)	(0)	(0)	(4)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(0)	(0)	(0)	(0)	(0)	(4)
Lymph Node, Mandibular	(0)	(0)	(0)	(0)	(0)	(4)
Lymph Node, Mesenteric	(0)	(0)	(0)	(0)	(0)	(3)
Spleen	(0)	(0)	(0)	(0)	(0)	(4)
Thymus	(0)	(0)	(0)	(0)	(0)	(4)
INTEGUMENTARY SYSTEM						
Mammary Gland	(0)	(0)	(0)	(0)	(0)	(4)
Skin	(0)	(0)	(0)	(0)	(0)	(4)
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(4)
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(4)
NERVOUS SYSTEM						
Brain, Entorhinal Cortex	(4)	(0)	(0)	(0)	(4)	(0)
Brain, Hippocampus	(4)	(0)	(0)	(0)	(4)	(0)

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

Experiment Number: 99021-97

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-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014

Time Report Requested: 16:44:55

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
Brain, NOS	(0)	(0)	(0)	(0)	(0)	(4)
Brain, Piriform Cortex	(4)	(0)	(0)	(0)	(4)	(0)
Peripheral Nerve, Sciatic	(4)	(0)	(0)	(0)	(4)	(4)
Peripheral Nerve, Tibial	(4)	(0)	(0)	(0)	(4)	(0)
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)	(2)
Lung	(0)	(0)	(0)	(0)	(0)	(4)
Nose	(0)	(0)	(0)	(0)	(0)	(4)
Trachea	(0)	(0)	(0)	(0)	(0)	(4)
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(0)	(0)	(4)
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(3)
URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(4)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(4)

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

Experiment Number: 99021-97
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-Thujone
CAS Number: 546-80-5

Date Report Requested: 10/20/2014
Time Report Requested: 16:44:55
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
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