

Experiment Number: 95011-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/16/2014
Time Report Requested: 17:20:57
First Dose M/F: NA / NA
Lab: BAT

C Number: C95011
Lock Date: 11/10/1997
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: 5-(Hydroxymethyl)-2-furfural
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Date Report Requested: 10/16/2014
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 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse MALE	0 MG/KG	47 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Natural Death						1
Terminal Sacrifice	10	10	10	10	10	9
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(0)	(0)	(0)	(0)	(10)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(0)	(0)	(0)	(0)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(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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Lab: BAT

B6C3F1 Mouse MALE	0 MG/KG	47 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Adrenal Medulla	(9)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)
Pituitary Gland	(9)	(0)	(0)	(0)	(0)	(9)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)

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B6C3F1 Mouse MALE	0 MG/KG	47 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

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Lab: BAT

B6C3F1 Mouse MALE	0 MG/KG	47 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 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

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 Species/Strain: Mouse/B6C3F1

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 Time Report Requested: 17:20:57
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse FEMALE	0 MG/KG	47 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Natural Death					1	
Survivors						
Terminal Sacrifice	10	10	10	10	9	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(1)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(1)	(10)
Liver	(10)	(0)	(0)	(0)	(1)	(10)
Pancreas	(10)	(0)	(0)	(0)	(1)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(1)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(1)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(1)	(10)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(1)	(10)
Heart	(10)	(0)	(0)	(0)	(1)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(1)	(10)

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Time Report Requested: 17:20:58

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse FEMALE	0 MG/KG	47 MG/KG	94 MG/KG	188 MG/KG	375 MG/KG	750 MG/KG
Adrenal Medulla	(10)	(0)	(0)	(0)	(1)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(1)	(10)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(7)
Pituitary Gland	(10)	(0)	(0)	(0)	(1)	(10)
Thyroid Gland	(10)	(0)	(0)	(0)	(1)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(0)	(1)	(10)
Ovary	(10)	(0)	(0)	(0)	(1)	(10)
Teratoma Benign					1 (100%)	
Uterus	(10)	(0)	(0)	(0)	(1)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(1)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(1)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(1)	(9)
Spleen	(10)	(0)	(0)	(0)	(1)	(10)
Thymus	(10)	(0)	(0)	(0)	(1)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(0)	(1)	(10)
Skin	(10)	(0)	(0)	(0)	(1)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(1)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(1)	(10)

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RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(1)	(10)
Nose	(10)	(0)	(0)	(0)	(1)	(10)
Trachea	(10)	(0)	(0)	(0)	(1)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Urinary Bladder	(10)	(0)	(0)	(0)	(1)	(10)

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Lab: BAT

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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