

Experiment Number: 20605 - 98

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 05/13/2019

Test Type: SPECIAL STUDY

Gum Guggul Extract

Time Report Requested: 15:00:28

Route: GAVAGE

CAS Number: GUMGUGGULEXT

First Dose M/F: 07/31/09 / 07/30/09

Species/Strain: MICE/B6C3F1

Lab: BAT

NTP Study Number: C20605
Lock Date: Not Entered.
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE MALE	0 mg/kg	15.5 mg/kg	31 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
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Disposition Summary

Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	5		1			5

ALIMENTARY SYSTEM

Liver	(5)	(0)	(0)	(0)	(0)	(5)
Clear Cell Focus						1
Hepatocyte, Necrosis						1 [1.0]
Pancreas	(5)	(0)	(0)	(0)	(0)	(5)

CARDIOVASCULAR SYSTEM

Blood Vessel	(5)	(0)	(0)	(0)	(0)	(5)
Heart	(5)	(0)	(0)	(0)	(0)	(5)

ENDOCRINE SYSTEM

Adrenal Cortex	(5)	(0)	(0)	(0)	(0)	(5)
Adrenal Medulla	(5)	(0)	(0)	(0)	(0)	(5)
Islets, Pancreatic	(5)	(0)	(0)	(0)	(0)	(5)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(3)
Thyroid Gland	(5)	(0)	(0)	(0)	(0)	(5)

GENERAL BODY SYSTEM

None

GENITAL 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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B6C3F1 MICE MALE	0 mg/kg	15.5 mg/kg	31 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Epididymis	(5)	(0)	(0)	(0)	(0)	(5)
Prostate	(5)	(0)	(0)	(0)	(0)	(5)
Seminal Vesicle	(5)	(0)	(0)	(0)	(0)	(5)
Testes	(5)	(0)	(0)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM						
Spleen	(5)	(0)	(0)	(0)	(0)	(5)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(1)	(0)	(0)	(0)
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)

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Lab: BAT

B6C3F1 MICE MALE	0 mg/kg	15.5 mg/kg	31 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Hydronephrosis	1 [1.0]					
Nephropathy						1 [1.0]

*** END OF MALE ***

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B6C3F1 MICE FEMALE	0 mg/kg	15.5 mg/kg	31 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
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Disposition Summary

Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	5					5

ALIMENTARY SYSTEM

Liver	(5)	(0)	(0)	(0)	(0)	(5)
Hematopoietic Cell Proliferation						1 [1.0]
Pancreas	(5)	(0)	(0)	(0)	(0)	(5)

CARDIOVASCULAR SYSTEM

Blood Vessel	(5)	(0)	(0)	(0)	(0)	(5)
Heart	(5)	(0)	(0)	(0)	(0)	(5)

ENDOCRINE SYSTEM

Adrenal Cortex	(5)	(0)	(0)	(0)	(0)	(5)
Adrenal Medulla	(5)	(0)	(0)	(0)	(0)	(5)
Islets, Pancreatic	(5)	(0)	(0)	(0)	(0)	(5)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(5)
Thyroid Gland	(5)	(0)	(0)	(0)	(0)	(5)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(5)	(0)	(0)	(0)	(0)	(5)
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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/kg	15.5 mg/kg	31 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Ovary	(5)	(0)	(0)	(0)	(0)	(5)
Uterus	(5)	(0)	(0)	(0)	(0)	(5)
HEMATOPOIETIC SYSTEM						
Spleen	(5)	(0)	(0)	(0)	(0)	(5)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)

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Lab: BAT

B6C3F1 MICE FEMALE

0 mg/kg

15.5 mg/kg

31 mg/kg

62.5 mg/kg

125 mg/kg

250 mg/kg

*** END OF REPORT ***

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