

Experiment Number: 99007-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
Time Report Requested: 18:15:24
First Dose M/F: NA / NA
Lab: MBA

C Number:	C99007
Lock Date:	10/11/2001
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: MBA

F 344/N Rat MALE	VEHICLE CONTROL	1560 PPM	3121 PPM	6250 PPM	12500 PPM	25000 PPM
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5		1		5	5
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(1)	(0)	(5)	(5)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						

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: MBA

F 344/N Rat MALE	VEHICLE CONTROL	1560 PPM	3121 PPM	6250 PPM	12500 PPM	25000 PPM
<hr/>						
RESPIRATORY SYSTEM						
None						
<hr/>						
SPECIAL SENSES SYSTEM						
None						
<hr/>						
URINARY SYSTEM						
None						

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First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat MALE	50000 PPM
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Disposition Summary	
Animals Initially In Study	5
Early Deaths	
Survivors	
Terminal Sacrifice	5
Animals Examined Microscopically	5

ALIMENTARY SYSTEM	
Liver	(5)

CARDIOVASCULAR SYSTEM	
None	

ENDOCRINE SYSTEM	
None	

GENERAL BODY SYSTEM	
None	

GENITAL SYSTEM	
None	

HEMATOPOIETIC SYSTEM	
None	

INTEGUMENTARY SYSTEM	
None	

MUSCULOSKELETAL SYSTEM	
None	

NERVOUS SYSTEM	
None	

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Lab: MBA

F 344/N Rat MALE

50000 PPM

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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b - Primary tumors: all tumors except metastatic tumors

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Lab: MBA

F 344/N Rat MALE

VEHICLE CONTROL

1560 PPM

3121 PPM

6250 PPM

12500 PPM

25000 PPM

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

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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First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat MALE

50000 PPM

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

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First Dose M/F: NA / NA

Lab: MBA

F 344/N Rat FEMALE	VEHICLE CONTROL	1560 PPM	3121 PPM	6250 PPM	12500 PPM	25000 PPM
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5	1			5	5
ALIMENTARY SYSTEM						
Liver	(5)	(1)	(0)	(0)	(5)	(5)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						

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<hr/>						
RESPIRATORY SYSTEM						
None						
<hr/>						
SPECIAL SENSES SYSTEM						
None						
<hr/>						
URINARY SYSTEM						
None						

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F 344/N Rat FEMALE

50000 PPM

Disposition Summary

Animals Initially In Study 5

Early Deaths

Survivors

Terminal Sacrifice 5

Animals Examined Microscopically 5

ALIMENTARY SYSTEM

Liver (5)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

None

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

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F 344/N Rat FEMALE

50000 PPM

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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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F 344/N Rat FEMALE

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1560 PPM

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25000 PPM

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**

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F 344/N Rat FEMALE

50000 PPM

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 ****

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* Number of animals with any tissue examined microscopically