

**Experiment Number:** 99007-02  
**Test Type:** 14-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

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

**Test Compound:** Goldenseal root powder  
**CAS Number:** GOLDENSEALRT

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 02:31:12  
**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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**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)**  
 Test Compound: Goldenseal root powder  
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Date Report Requested: 10/16/2014  
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 First Dose M/F: NA / NA  
 Lab: MBA

B6C3F1 Mouse MALE	VEHICLE CONTROL	1560 PPM	3121 PPM	6250 PPM	12500 PPM	25000 PPM
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Liver	(5)	(0)	(0)	(0)	(0)	(5)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOPOIETIC SYSTEM</b>						
Spleen	(0)	(0)	(0)	(1)	(0)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
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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<b>B6C3F1 Mouse MALE</b>	<b>VEHICLE CONTROL</b>	<b>1560 PPM</b>	<b>3121 PPM</b>	<b>6250 PPM</b>	<b>12500 PPM</b>	<b>25000 PPM</b>
<hr/>						
RESPIRATORY SYSTEM						
None						
<hr/>						
SPECIAL SENSES SYSTEM						
None						
<hr/>						
URINARY SYSTEM						
None						

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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

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<b>B6C3F1 Mouse MALE</b>	<b>50000 PPM</b>
<b>Disposition Summary</b>	
<b>Animals Initially In Study</b>	<b>5</b>
<b>Early Deaths</b>	
<b>Survivors</b>	
<b>Terminal Sacrifice</b>	<b>5</b>
<b>Animals Examined Microscopically</b>	<b>5</b>
<hr/>	
ALIMENTARY SYSTEM	
Liver	(5)
<hr/>	
CARDIOVASCULAR SYSTEM	
None	
<hr/>	
ENDOCRINE SYSTEM	
None	
<hr/>	
GENERAL BODY SYSTEM	
None	
<hr/>	
GENITAL SYSTEM	
None	
<hr/>	
HEMATOPOIETIC SYSTEM	
Spleen	(0)
<hr/>	
INTEGUMENTARY SYSTEM	
None	
<hr/>	
MUSCULOSKELETAL SYSTEM	
None	
<hr/>	
NERVOUS SYSTEM	
None	

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b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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**First Dose M/F:** NA / NA

**Lab:** MBA

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**B6C3F1 Mouse MALE**

**50000 PPM**

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RESPIRATORY SYSTEM

None

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SPECIAL SENSES SYSTEM

None

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URINARY SYSTEM

None

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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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<b>B6C3F1 Mouse MALE</b>	<b>VEHICLE CONTROL</b>	<b>1560 PPM</b>	<b>3121 PPM</b>	<b>6250 PPM</b>	<b>12500 PPM</b>	<b>25000 PPM</b>
<b>Tumor Summary for MALE</b>						
<b>Total Animals with Primary Neoplasms (b)</b>						
<b>Total Primary Neoplasms</b>						
<b>Total Animals with Benign Neoplasms</b>						
<b>Total Benign Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms</b>						
<b>Total Malignant Neoplasms</b>						
<b>Total Animals with Metastatic Neoplasms</b>						
<b>Total Metastatic Neoplasms</b>						
<b>Total Animals with Malignant Neoplasms Uncertain Primary Site</b>						
<b>Total Animals with Neoplasms Uncertain - Benign or Malignant</b>						
<b>Total Uncertain Neoplasms</b>						

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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

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**B6C3F1 Mouse MALE**

**50000 PPM**

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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**

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\*\*\*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

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**Lab:** MBA

B6C3F1 Mouse FEMALE	VEHICLE CONTROL	1560 PPM	3121 PPM	6250 PPM	12500 PPM	25000 PPM
<b>Disposition Summary</b>						
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					5
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(0)	(0)	(0)	(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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<b>B6C3F1 Mouse FEMALE</b>	<b>VEHICLE CONTROL</b>	<b>1560 PPM</b>	<b>3121 PPM</b>	<b>6250 PPM</b>	<b>12500 PPM</b>	<b>25000 PPM</b>
<hr/>						
RESPIRATORY SYSTEM						
None						
<hr/>						
SPECIAL SENSES SYSTEM						
None						
<hr/>						
URINARY SYSTEM						
None						

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b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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**B6C3F1 Mouse FEMALE**

**50000 PPM**

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**Disposition Summary**

<b>Animals Initially In Study</b>	<b>5</b>
<b>Early Deaths</b>	
<b>Survivors</b>	
<b>Terminal Sacrifice</b>	<b>5</b>
<b>Animals Examined Microscopically</b>	<b>5</b>

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ALIMENTARY SYSTEM

Liver	(5)
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CARDIOVASCULAR SYSTEM

None

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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

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---

**B6C3F1 Mouse FEMALE**

**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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**B6C3F1 Mouse FEMALE**

**VEHICLE CONTROL**

**1560 PPM**

**3121 PPM**

**6250 PPM**

**12500 PPM**

**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**

**Total Uncertain Neoplasms**

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**B6C3F1 Mouse 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  
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**Total Animals with Neoplasms Uncertain -  
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**Total Uncertain Neoplasms**

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**\*\* END OF REPORT \*\***

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