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

---

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

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

---

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 02:30:54  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

### Disposition Summary

<table>
<thead>
<tr>
<th>B6C3F1 Mouse MALE</th>
<th>VEHICLE CONTROL</th>
<th>1560 PPM</th>
<th>3121 PPM</th>
<th>6250 PPM</th>
<th>12500 PPM</th>
<th>25000 PPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animals Initially In Study</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Early Deaths</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Survivors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terminal Sacrifice</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Animals Examined Microscopically</td>
<td>5</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

### ALIMENTARY SYSTEM

- **Liver**
  - (5)  
  - Centrilobular, Hepatocyte, Hypertrophy  
  - Hepatocyte, Necrosis, Focal

### CARDIOVASCULAR SYSTEM

- None

### ENDOCRINE SYSTEM

- None

### GENERAL BODY SYSTEM

- None

### GENITAL SYSTEM

- None

### HEMATOPOIETIC SYSTEM

- **Spleen**
  - (0)  
  - Necrosis, Chronic Active, Diffuse

### INTEGUMENTARY SYSTEM

- None

### MUSCULOSKELETAL SYSTEM

- None

---

*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)
<table>
<thead>
<tr>
<th>B6C3F1 Mouse MALE</th>
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<tbody>
<tr>
<td>NERVOUS SYSTEM</td>
<td>None</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>RESPIRATORY SYSTEM</td>
<td>None</td>
<td></td>
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</tr>
<tr>
<td>SPECIAL SENSES SYSTEM</td>
<td>None</td>
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<tr>
<td>URINARY SYSTEM</td>
<td>None</td>
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a - Number of animals examined microscopically at site and number of animals with lesion
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**Disposition Summary**

**B6C3F1 Mouse MALE**

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<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**ALIMENTARY SYSTEM**

<table>
<thead>
<tr>
<th>Site</th>
<th>Number (severity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liver</td>
<td>(5)</td>
</tr>
<tr>
<td>Centrilobular, Hepatocyte, Hypertrophy</td>
<td>5 [1.0]</td>
</tr>
<tr>
<td>Hepatocyte, Necrosis, Focal</td>
<td>1 [1.0]</td>
</tr>
</tbody>
</table>

**CARDIOVASCULAR SYSTEM**

None

**ENDOCRINE SYSTEM**

None

**GENERAL BODY SYSTEM**

None

**GENITAL SYSTEM**

None

**HEMATOPOIETIC SYSTEM**

<table>
<thead>
<tr>
<th>Site</th>
<th>Number (severity)</th>
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<tbody>
<tr>
<td>Spleen</td>
<td>(0)</td>
</tr>
<tr>
<td>Necrosis, Chronic Active, Diffuse</td>
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</table>

**INTEGUMENTARY SYSTEM**

None

**MUSCULOSKELETAL SYSTEM**

None

---

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

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Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014
Time Report Requested: 02:30:54
First Dose M/F: NA / NA
Lab: MBA

<table>
<thead>
<tr>
<th>B6C3F1 Mouse MALE</th>
<th>50000  PPM</th>
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<td>None</td>
</tr>
<tr>
<td></td>
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***END OF MALE DATA***

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**ALIMENTARY SYSTEM**

Liver
- Centrilobular, Hepatocyte, Hypertrophy
  - (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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**Notes:**
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B6C3F1 Mouse FEMALE 50000 PPM

Disposition Summary

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

ALIMENTARY SYSTEM
Liver
Centrilobular, Hepatocyte, Hypertrophy (5) 5 [1.0]

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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** END OF REPORT **

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