**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:18:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

### B6C3F1 Mouse Male  
**0 MG/KG**

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*TOTALS*

**Alimentary System**

- Intestine Large, Colon: + + + + +, Total: 5
- Liver: + + + + +, Total: 5
- Stomach, Forestomach: + + + + +, Total: 5
- Stomach, Glandular: + + + + +, Total: 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

**B6C3F1 Mouse Male**  
**0 MG/KG**

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* ..Total animals with tissue examined microscopically; Total animals with tumor  
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+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

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*TOTALS*

**Alimentary System**

- **Intestine Large, Colon**: + + + + + 5
- **Liver**: + + + + + 5
- **Stomach, Forestomach**: + + + + + 5
- **Stomach, Glandular**: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
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*TOTALS*

- **Nervous System**: NONE
- **Respiratory System**: NONE
- **Special Senses System**: NONE
- **Urinary System**: NONE

**SYSTEMIC LESIONS**

- **Multiple Organ**: + + + + + 5

---

*..Total animals with tissue examined microscopically; Total animals with tumor
+..Tissue examined microscopically
X..Lesion present
I..Insufficient tissue
M..Missing tissue
A..Autolysis precludes evaluation
BLANK..Not examined microscopically*
**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1  

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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0  

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**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:18:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**B6C3F1 Mouse Male**  
**188 MG/KG**

---

**Alimentary System**

- Intestine Large, Colon: + + + + +  
- Liver: + + + + +  
- Stomach, Forestomach: + + + + +  
- Stomach, Glandular: + + + + +

---

**Cardiovascular System**

NONE

---

**Endocrine System**

NONE

---

**General Body System**

NONE

---

**Genital System**

NONE

---

**Hematopoietic System**

NONE

---

**Integumentary System**

NONE

---

**Musculoskeletal System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically
**B6C3F1 Mouse Male**

**188  MG/KG**

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*TOTALS*

**SYSTEMIC LESIONS**

- **Multiple Organ**: + + + + + 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 95011-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/16/2014
Time Report Requested: 17:18:48
First Dose M/F: NA / NA
Lab: BAT

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**TOTALS**

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### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

#### Alimentary System

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

#### Cardiovascular System

NONE

#### Endocrine System

NONE

#### General Body System

NONE

#### Genital System

NONE

#### Hematopoietic System

NONE

#### Integumentary System

NONE

#### Musculoskeletal System

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

---

Page 8
**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:18:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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**B6C3F1 Mouse Male**  
**375 MG/KG**

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*TOTALS*

**NONE**  
- Nervous System  
- Respiratory System  
- Special Senses System  
- Urinary System

**SYSTEMIC LESIONS**  
- Multiple Organ: + + + + + 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue
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**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1  

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**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0  
**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:18:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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**Nervous System**  
NONE

**Respiratory System**  
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**Special Senses System**  
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**Urinary System**  
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**SYSTEMIC LESIONS**

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* ..Total animals with tissue examined microscopically; Total animals with tumor  
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Page 11
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

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**ANIMAL ID**

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**TOTALS**

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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Page 12
Experiment Number: 95011-02  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

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*TOTALS

**MALE DATA**

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+  +  +  +  +  5

***END OF MALE DATA***

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
  + ..Tissue examined microscopically  
  M ..Missing tissue  
  A ..Autolysis precludes evaluation  
  X ..Lesion present  
  BLANK ..Not examined microscopically  
  I ..Insufficient tissue
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

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**B6C3F1 Mouse Female**  
**0 MG/KG**

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*TOTALS*

**Alimentary System**

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue

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*N*TOTALS

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0  
**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:18:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

## DAY ON TEST

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**B6C3F1 Mouse Female**  
**94 MG/KG**

### ANIMAL ID

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*TOTALS*

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### Alimentary System

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

NONE

### Hematopoietic System

NONE

### Integumentary System

NONE

### Musculoskeletal System

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1  
**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0  
**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:18:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**B6C3F1 Mouse Female**  
**94 MG/KG**

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*TOTALS*

**Nervous System**
- NONE

**Respiratory System**
- NONE

**Special Senses System**
- NONE

**Urinary System**
- NONE

**SYSTEMIC LESIONS**

<table>
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* ..Total animals with tissue examined microscopically; Total animals with tumor
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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

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**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
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**Species/Strain:** Mouse/B6C3F1

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**B6C3F1 Mouse Female  
188  MG/KG**

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 4 | 5 |
| **TOTALS**|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
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**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0  
**Date Report Requested:** 10/16/2014  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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**B6C3F1 Mouse Female**  
**188  MG/KG**

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*TOTALS: NONE

**Nervous System:** NONE

**Respiratory System:** NONE

**Special Senses System:** NONE

**Urinary System:** NONE

**SYSTEMIC LESIONS:**

- **Multiple Organ:** + + + + + 5

---

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**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:18:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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### B6C3F1 Mouse Female 375 MG/KG

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### Alimentary System

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

NONE

### Hematopoietic System

NONE

### Integumentary System

NONE

### Musculoskeletal System

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue
P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Experiment Number: 95011-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/16/2014
Time Report Requested: 17:18:48
First Dose M/F: NA / NA
Lab: BAT

**DAY ON TEST**

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**B6C3F1 Mouse Female**

**375 MG/KG**

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**TOTALES**

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Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

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+ ..Tissue examined microscopically
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BLANK ..Not examined microscopically
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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**B6C3F1 Mouse Female**

**750 MG/KG**

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**ALIMENTARY SYSTEM**

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
<table>
<thead>
<tr>
<th>Day on Test</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>B6C3F1 Mouse Female</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<tr>
<td>750 MG/KG</td>
<td>0</td>
<td>0</td>
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<tr>
<td>ANIMAL ID</td>
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<td>1</td>
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<td>1</td>
<td>1</td>
</tr>
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<td>2</td>
<td>3</td>
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<td>5</td>
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</tbody>
</table>

*N Totals*

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**Systemic Lesions**

Multiple Organ + + + + + 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 95011-02  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Date Report Requested: 10/16/2014  
Time Report Requested: 17:18:48  
First Dose M/F: NA / NA  
Lab: BAT

<table>
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<th>DAY ON TEST</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>2</th>
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<th>8</th>
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<tbody>
<tr>
<td>B6C3F1 Mouse Female</td>
<td>1500 MG/KG</td>
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<tr>
<td>ANIMAL ID</td>
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</tbody>
</table>

*TOTALS*

**Alimentary System**

- Intestine Large, Colon + + + + + 5
- Liver + + + + + 5
- Stomach, Forestomach + + + + + 5
- Stomach, Glandular + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

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**END OF REPORT**

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