Experiment Number: 95011-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/16/2014
Time Report Requested: 17:16:03
First Dose M/F: NA / NA
Lab: BAT

C Number: C95011
Lock Date: 11/10/1997
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date NONE
**Disposition Summary**

<table>
<thead>
<tr>
<th>F 344/N Rat MALE</th>
<th>0 MG/KG</th>
<th>94 MG/KG</th>
<th>188 MG/KG</th>
<th>375 MG/KG</th>
<th>750 MG/KG</th>
<th>1500 MG/KG</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>
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<tr>
<td>Early Deaths</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moribund Sacrifice</td>
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<tr>
<td>Survivors</td>
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</tr>
<tr>
<td>Terminal Sacrifice</td>
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<td>Animals Examined Microscopically</td>
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</table>

**ALIMENTARY SYSTEM**

- Intestine, Colon | (5) | (5) | (5) | (5) | (5) | (5) |
- Liver | (5) | (5) | (5) | (5) | (5) | (5) |
- Stomach, Forestomach | (5) | (5) | (5) | (5) | (5) | (5) |
- Stomach, Glandular | (5) | (5) | (5) | (5) | (5) | (5) |

**CARDIOVASCULAR SYSTEM**

None

**ENDOCRINE SYSTEM**

None

**GENERAL BODY SYSTEM**

None

**GENITAL SYSTEM**

None

**HEMATOPOIETIC SYSTEM**

None

**INTEGUMENTARY 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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</tr>
</thead>
<tbody>
<tr>
<td>MUSCULOSKELETAL SYSTEM</td>
<td>None</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>NERVOUS SYSTEM</td>
<td>None</td>
<td></td>
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</tr>
<tr>
<td>RESPIRATORY SYSTEM</td>
<td>None</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>SPECIAL SENSES SYSTEM</td>
<td>None</td>
<td></td>
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</tr>
<tr>
<td>URINARY SYSTEM</td>
<td>None</td>
<td></td>
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<td></td>
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</tr>
</tbody>
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F 344/N Rat MALE

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<tr>
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<th>CAS Number: 67-47-0</th>
</tr>
</thead>
</table>

**Tumor Summary for MALE**

<table>
<thead>
<tr>
<th>Dose</th>
<th>Total Animals with Primary Neoplasms (b)</th>
<th>Total Primary Neoplasms</th>
<th>Total Animals with Benign Neoplasms</th>
<th>Total Benign Neoplasms</th>
<th>Total Animals with Malignant Neoplasms</th>
<th>Total Malignant Neoplasms</th>
<th>Total Animals with Metastatic Neoplasms</th>
<th>Total Metastatic Neoplasms</th>
<th>Total Animals with Malignant Neoplasms Uncertain Primary Site</th>
<th>Total Uncertain Neoplasms</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 MG/KG</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>94 MG/KG</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>188 MG/KG</td>
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</tr>
<tr>
<td>375 MG/KG</td>
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<td></td>
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</tr>
<tr>
<td>1500 MG/KG</td>
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***END OF MALE DATA***

a - Number of animals examined microscopically at site and number of animals with lesion
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* Number of animals with any tissue examined microscopically
Experiment Number: 95011-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/16/2014
Time Report Requested: 17:16:03
First Dose M/F: NA / NA
Lab: BAT

### Disposition Summary

<table>
<thead>
<tr>
<th>F 344/N Rat FEMALE</th>
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<td>5</td>
<td>5</td>
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</tr>
</tbody>
</table>

**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**

---

a - Number of animals examined microscopically at site and number of animals with lesion
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* Number of animals with any tissue examined microscopically
### Experiment Details

- **Experiment Number:** 95011-01
- **Test Type:** 14-DAY
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- **Test Compound:** 5-(Hydroxymethyl)-2-furfural
- **CAS Number:** 67-47-0
- **Date Report Requested:** 10/16/2014
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- **Lab:** BAT

### Incidence Rates of Neoplasms by Anatomic Site

#### F 344/N Rat FEMALE

<table>
<thead>
<tr>
<th>Dose Level (MG/KG)</th>
<th>Neoplasms</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 MG/KG</td>
<td>None</td>
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</tr>
<tr>
<td>1500 MG/KG</td>
<td>None</td>
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</tbody>
</table>

- **NERVOUS SYSTEM:** None
- **RESPIRATORY SYSTEM:** None
- **SPECIAL SENSES SYSTEM:** None
- **URINARY SYSTEM:** None

---

*a* - Number of animals examined microscopically at site and number of animals with lesion

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**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**

---

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