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
**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

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

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

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:19:53  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**DAY ON TEST**

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**B6C3F1 Mouse Male**

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*TOTALS*

**Alimentary System**

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Necrosis: 1 1 1.0
- 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

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
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A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically
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**TOTALS**

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/16/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

B6C3F1 Mouse Male
94 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

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1) Minimal  
2) Mild  
3) Moderate  
4) Marked
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**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0

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

#### Alimentary System

- **Intestine Large, Colon**: + + + + + 5  
- **Liver**: + + + + + 5  
- **Stomach, Foregut**: + + + + + 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 lesion and mean severity grade  
+ ..Tissue examined microscopically  
M ..Missing tissue  
1-4 ..Lesion qualified as:  
1) Minimal  2) Mild  3) Moderate  4) Marked  
X ..Lesion present  
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I ..Insufficient tissue  
BLANK ..Not examined microscopically
**Experiment Number:** 95011-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

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**CAS Number:** 67-47-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:19:53  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

* TOTALS

**Nervous System**
- NONE

**Respiratory System**
- NONE

**Special Senses System**
- NONE

**Urinary System**
- NONE

---

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Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: 5-(Hydroxymethyl)-2-furfural
CAS Number: 67-47-0

Date Report Requested: 10/16/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

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

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**Alimentary System**

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<td>Liver</td>
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<td>Stomach, Forestomach</td>
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<td>Stomach, Glandular</td>
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**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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A ..Autolysis precludes evaluation
1-4 ..Lesion qualified as:
1) Minimal
2) Mild
3) Moderate
4) Marked
I ..Insufficient tissue
BLANK ..Not examined microscopically

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

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*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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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: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

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**TOTALS**

---

**Alimentary System**

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Stomach, Foregut: + + + + + 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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*TOTALS

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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3) Moderate
4) Marked

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Experiment Number: 95011-02
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Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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B6C3F1 Mouse Male
1500 MG/KG

ANIMAL ID

| 0 | 0 | 0 | 0 | 0 |
|   | 1 | 1 | 1 | 1 |
| 0 | 0 | 0 | 0 | 1 |
| 6 | 7 | 8 | 9 | 0 |

*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 lesion and mean severity grade
+..Tissue examined microscopically
M..Missing tissue
1-4..Lesion qualified as:
   1) Minimal  3) Moderate
   2) Mild      4) Marked

Page 12
**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

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

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**B6C3F1 Mouse Male**  
**1500 MG/KG**

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*TOTALS*  
**NONE**

### Nervous System

**NONE**

### Respiratory System

**NONE**

### Special Senses System

**NONE**

### Urinary System

**NONE**

---

**END OF MALE DATA**

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ ..Tissue examined microscopically  
M ..Missing tissue  
X ..Lesion present  
A ..Autolysis precludes evaluation  
I ..Insufficient tissue  
BLANK ..Not examined microscopically  
1-4 ..Lesion qualified as:  
1) Minimal  2) Mild  3) Moderate  4) Marked
**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

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**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:19:53  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

#### DAY ON TEST

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# B6C3F1 Mouse Female

## 0 MG/KG

### ANIMAL ID

| ANIMAL ID | 0   | 0   | 2   | 2   | 0   | 0   | 2   | 2   | 0   | 0   | 1   | 1   | 1   | 1   | 1   | 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 lesion and mean severity grade  
+ ..Tissue examined microscopically  
M ..Missing tissue  
1-4 ..Lesion qualified as:  
1) Minimal 2) Mild 3) Moderate 4) Marked  
X ..Lesion present  
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I ..Insufficient tissue  
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### Experiment Number: 95011-02

**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

- **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

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

---

**Nervous System**  
**NONE**

**Respiratory System**  
**NONE**

**Special Senses System**  
**NONE**

**Urinary System**  
**NONE**

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
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M ..Missing tissue  
1-4 ..Lesion qualified as:  
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2) Mild  
3) Moderate  
4) Marked  
** ..Lesion present  
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**Experiment Number:** 95011-02  
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**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
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### DAY ON TEST

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

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*TOTALS*

#### Alimentary System

- Intestine Large, Colon: + + + + + 5
- Liver: + + + + + 5
- Necrosis: 1 1.0
- Stomach, Forestromach: + + + + + 5
- Stomach, Glandular: + + + + + 5

#### Cardiovascular System

NONE

#### Endocrine System

NONE

#### General Body System

NONE

#### Genital System

NONE

#### Hematopoietic System

NONE

#### Integumentary System

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ ..Tissue examined microscopically  
M ..Missing tissue  
1-4 ..Lesion qualified as:  
A ..Autolysis precludes evaluation  
1) Minimal 3) Moderate  
I ..Insufficient tissue  
2) Mild 4) Marked  
BLANK ..Not examined microscopically
Experiment Number: 95011-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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B6C3F1 Mouse Female
94 MG/KG

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*TOTALS

Musculoskeletal System
NONE

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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M ..Missing tissue
X ..Lesion present
A ..Autolysis precludes evaluation
I ..Insufficient tissue
BLANK ..Not examined microscopically
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2) Mild
3) Moderate
4) Marked
### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

#### Date Report Requested: 10/16/2014  
**Time Report Requested:** 17:19:53

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

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

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<td>Stomach, Glandular</td>
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**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 lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
A ..Autolysis precludes evaluation
1-4 ..Lesion qualified as:
1) Minimal  3) Moderate
2) Mild  4) Marked
I ..Insufficient tissue
BLANK ..Not examined microscopically

---

Page 18
**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:** 17:19:54

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

**Lab:** BAT

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**B6C3F1 Mouse Female**

**188 MG/KG**

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**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

M ..Missing tissue

A ..Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal
2) Mild
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Experiment Number: 95011-02
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Lab: BAT

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

DAYS ON TEST

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B6C3F1 Mouse Female
375 MG/KG

ALIMENTARY SYSTEM

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CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
1-4 ..Lesion qualified as:
X ..Lesion present
A ..Autolysis precludes evaluation
1) Minimal 3) Moderate
I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild 4) Marked
Experiment Number: 95011-02
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Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

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Lab: BAT

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*TOTALS

Musculoskeletal System
NONE

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

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

1-4 ..Lesion qualified as:
1) Minimal
2) Mild
3) Moderate
4) Marked
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: 17:19:54
First Dose M/F: NA / NA
Lab: BAT

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

B6C3F1 Mouse Female
750 MG/KG

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ANIMAL ID

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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

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
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**B6C3F1 Mouse Female**  
**750 MG/KG**

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

**Nervous System**  
NONE

**Respiratory System**  
NONE

**Special Senses System**  
NONE

**Urinary System**  
NONE

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**Experiment Number:** 95011-02  
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**Test Compound:** 5-(Hydroxymethyl)-2-furfural  
**CAS Number:** 67-47-0

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**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 17:19:54  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**B6C3F1 Mouse Female**  
1500 MG/KG

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Alimentary System**

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

**Cardiovascular System**

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**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**