Experiment Number: 88148-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: 3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 10/15/2014
Time Report Requested: 23:45:14
First Dose M/F: NA / NA
Lab: MBA

C Number: C88148
Lock Date: 01/19/1994
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

**Experiment Number:** 88148-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

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

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*TOTALS*

**Alimentary System**

- Gallbladder: + + + + + 5
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5
- Stomach, Glandular: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

- Lymph Node, Mesenteric: + + + + + 5
- Spleen: + + + + + 5
- Thymus: + + + + + 5

**Integumentary 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:** 88148-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1  

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

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7  
**Date Report Requested:** 10/15/2014  
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**First Dose M/F:** NA / NA  
**Lab:** MBA

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

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*..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

**Musculoskeletal System**  
NONE

**Nervous System**  
NONE

**Respiratory System**  
NONE

**Special Senses System**  
NONE

**Urinary System**  
Kidney + + + + + 5

**SYSTEMIC LESIONS**

Multiple Organ + + + + + 5
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** 3,3′,4,4′-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

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**Day on Test**  
**B6C3F1 Mouse Male**  
**1 MG/KG**  

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 3,3',4,4'-Tetrachloroazobenzene

CAS Number: 14047-09-7

Experiment Number: 88148-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/15/2014

Time Report Requested: 23:45:14

First Dose M/F: NA / NA

Lab: MBA

---

Day on Test

B6C3F1 Mouse Male

1 MG/KG

Animal ID

---

* TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

---

* ..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
**Day on Test**

**B6C3F1 Mouse Male**

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**Alimentary System**

- NONE

**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

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
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M ..Missing tissue
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Experiment Number: 88148-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: 3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 10/15/2014
Time Report Requested: 23:45:14
First Dose M/F: NA / NA
Lab: MBA

---

**DAY ON TEST**

**B6C3F1 Mouse Male**

**3.2  MG/KG**

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**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ 0

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
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  A ..Autolysis precludes evaluation
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Experiment Number: 88148-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/15/2014
Time Report Requested: 23:45:14
First Dose M/F: NA / NA
Lab: MBA

B6C3F1 Mouse Male
10 MG/KG

DAYS ON TEST

ANIMAL ID

*TOTALS

Alimentary System
NONE

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
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BLANK ..Not examined microscopically
DAY ON TEST

B6C3F1 Mouse Male
10 MG/KG

ANIMAL ID

*TOTALS

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
M ..Missing tissue
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I ..Insufficient tissue
Experiment Number: 88148-02
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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: 3,3',4,4'-Tetrachloroazobenzene
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First Dose M/F: NA / NA
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B6C3F1 Mouse Male
32 MG/KG

ANIMAL ID
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*TOTALS

Alimentary System
NONE

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
Spleen
+ + + + + 5

Integumentary System
NONE

Musculoskeletal System
NONE

Nervous System
NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
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Page 10
Experiment Number: 88148-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: 3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 10/15/2014
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First Dose M/F: NA / NA
Lab: MBA

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B6C3F1 Mouse Male
32 MG/KG

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*TOTALS

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
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Experiment Number: 88148-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Compound: 3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 10/15/2014
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First Dose M/F: NA / NA
Lab: MBA

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

B6C3F1 Mouse Male
100 MG/KG

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*TOTALS

**Alimentary System**

- Gallbladder: + + + + + 5
- Liver: + + + + + 5
- Stomach, Foregut: + + + + + 5
- Stomach, Glandular: + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

- Lymph Node, Mesenteric: + + + + + 5
- Spleen: + + + + + 5
- Thymus: + + + + + 5

**Integumentary 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 12
Experiment Number: 88148-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: 3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 10/15/2014
Time Report Requested: 23:45:14
First Dose M/F: NA / NA
Lab: MBA

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Day on Test

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*TOTALS

Musculoskeletal System
NONE

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System
Kidney
+ + + +
5

SYSTEMIC LESIONS
Multiple Organ
+ + + +
5

***END OF MALE DATA***
Experiment Number: 88148-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Compound: 3,3',4,4'-Tetrachloroazobenzene
CAS Number: 14047-09-7

Date Report Requested: 10/15/2014
Time Report Requested: 23:45:14
First Dose M/F: NA / NA
Lab: MBA

### Alimentary System

- Gallbladder: ++ + + + + 5
- Liver: ++ + + + + 5
- Stomach, Forestomach: ++ + + + + 5
- Stomach, Glandular: ++ + + + + 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

NONE

### Hematopoietic System

- Lymph Node, Mesenteric: ++ + + + + 5
- Spleen: ++ + + + + 5
- Thymus: ++ + + + + 5

### Integumentary System

NONE

---

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

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7  
**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 23:45:14  
**First Dose M/F:** NA / NA  
**Lab:** MBA

## DAY ON TEST

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*TOTALS*

### Musculoskeletal System

- NONE

### Nervous System

- NONE

### Respiratory System

- NONE

### Special Senses System

- NONE

### Urinary System

- **Kidney**
  
<table>
<thead>
<tr>
<th>Tissue examined microscopically</th>
<th>0 0 0 0 0 0 0 0 0 0</th>
</tr>
</thead>
</table>

**5** Lesions present

### SYSTEMIC LESIONS

- **Multiple Organ**
  
<table>
<thead>
<tr>
<th>Tissue examined microscopically</th>
<th>0 0 0 0 0 0 0 0 0 0</th>
</tr>
</thead>
</table>

**5** Lesions present

---

* ..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:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

---

**DAY ON TEST**

**B6C3F1 Mouse Female**  
**1 MG/KG**

<table>
<thead>
<tr>
<th>ANIMAL ID</th>
<th><em>TOTALS</em>*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Alimentary System</td>
</tr>
<tr>
<td></td>
<td>Cardiovascular System</td>
</tr>
<tr>
<td></td>
<td>Endocrine System</td>
</tr>
<tr>
<td></td>
<td>General Body System</td>
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<td></td>
<td>Genital System</td>
</tr>
<tr>
<td></td>
<td>Hematopoietic System</td>
</tr>
<tr>
<td></td>
<td>Integumentary System</td>
</tr>
<tr>
<td></td>
<td>Musculoskeletal System</td>
</tr>
<tr>
<td></td>
<td>Nervous System</td>
</tr>
</tbody>
</table>

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
M ..Missing tissue  
X ..Lesion present  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
<table>
<thead>
<tr>
<th>DAY ON TEST</th>
<th>B6C3F1 Mouse Female</th>
<th>1 MG/KG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ANIMAL ID</td>
<td>*TOTALS</td>
</tr>
<tr>
<td>Respiratory System</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>Special Senses System</td>
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</tr>
<tr>
<td>Urinary System</td>
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<tr>
<td>SYSTEMIC LESIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiple Organ</td>
<td>0</td>
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</tr>
</tbody>
</table>

* ..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
DOSAGE: 3.2 MG/KG

Alimentary System
  NONE

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

---

* ..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
DAY ON TEST

B6C3F1 Mouse Female

3.2 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

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

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Page 19
### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7

---

**Experiment Number:** 88148-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

---

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 23:45:14  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

### DAY ON TEST

**B6C3F1 Mouse Female**  
**10 MG/KG**

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<thead>
<tr>
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<tbody>
<tr>
<td><strong>Alimentary System</strong></td>
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<tr>
<td><strong>Cardiovascular System</strong></td>
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</tr>
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<td><strong>Endocrine System</strong></td>
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<td><strong>General Body System</strong></td>
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<td><strong>Genital System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td><strong>Hematopoietic System</strong></td>
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<tr>
<td><strong>Integumentary System</strong></td>
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<td><strong>Musculoskeletal System</strong></td>
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<td><strong>Nervous System</strong></td>
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---

* ..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
### DAY ON TEST

**B6C3F1 Mouse Female**

**10 MG/KG**

<table>
<thead>
<tr>
<th>ANIMAL ID</th>
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<td>SYSTEMIC LESIONS</td>
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<td>Multiple Organ</td>
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* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
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Experiment Number: 88148-02  Test Type: 14-DAY  Route: GAVAGE  Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 3,3',4,4'-Tetrachloroazobenzene  CAS Number: 14047-09-7


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*TOTALS*

Alimentary System  
NONE

Cardiovascular System  
NONE

Endocrine System  
NONE

General Body System  
NONE

Genital System  
NONE

Hematopoietic System  

<table>
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<tr>
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</table>

Integumentary System  
NONE

Musculoskeletal System  
NONE

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
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**Experiment Number:** 88148-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1  

**Test Compound:** 3,3',4,4'-Tetrachloroazobenzene  
**CAS Number:** 14047-09-7  

**Date Report Requested:** 10/15/2014  
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**First Dose M/F:** NA / NA  
**Lab:** MBA

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

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**B6C3F1 Mouse Female**  
**32 MG/KG**

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</tbody>
</table>

**Systemic Lesions**

- **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  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue
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| Test Compound: 3,3',4,4'-Tetrachloroazobenzene | CAS Number: 14047-09-7 |

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**Date Report Requested:** 10/15/2014  
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**First Dose M/F:** NA / NA  
**Lab:** MBA

#### DAY ON TEST

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#### B6C3F1 Mouse Female

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<td>8</td>
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</table>

*TOTALS*

#### Alimentary System

- **Gallbladder:** + + + + + 5
- **Liver:** + + + + + 5
- **Stomach, Forestomach:** + + + + + 5
- **Stomach, Glandular:** + + + + + 5

#### Cardiovascular System

NONE

#### Endocrine System

NONE

#### General Body System

NONE

#### Genital System

NONE

#### Hematopoietic System

- **Lymph Node, Mesenteric:** + + + + + 5
- **Spleen:** + + + + + 5
- **Thymus:** + + + + + 5

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

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**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 23:45:14  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**Musculoskeletal System**
- NONE

**Nervous System**
- NONE

**Respiratory System**
- NONE

**Special Senses System**
- NONE

**Urinary System**
- **Kidney**
  - Tissue examined microscopically: + + + + +  
  - Total animals with tumor: 5

**SYSTEMIC LESIONS**
- **Multiple Organ**
  - Tissue examined microscopically: + + + + +  
  - Total animals with tumor: 5

---

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

---

**END OF REPORT**