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Lock Date: 03/01/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE
Experiment Number: 93022-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 2,4-Decadienal
CAS Number: 25152-84-5

Date Report Requested: 10/18/2014
Time Report Requested: 15:38:21

First Dose M/F: NA / NA
Lab: MBA

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*TOTALS

**Alimentary System**

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

* ..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 2
Experiment Number: 93022-01
Test Type: 14-DAY
Route: Gavage
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: 2,4-Decadienal
CAS Number: 25152-84-5

Date Report Requested: 10/18/2014
Time Report Requested: 15:38:21
First Dose M/F: NA / NA
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*TOTALS

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

+ + + + + 5

SYSTEMIC LESIONS

Multiple Organ

+ + + + + 5
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* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**Experiment Number:** 93022-01  |  **Test Type:** 14-DAY  |  **Date Report Requested:** 10/18/2014

**Route:** GAVAGE  |  **Time Report Requested:** 15:38:21  |  **First Dose M/F:** NA / NA

**Species/Strain:** Rat/F 344/N  |  **Lab:** MBA

---

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

**Test Compound:** 2,4-Decadienal  |  **CAS Number:** 25152-84-5

---

**DAY ON TEST**

**F 344/N Rat Male**

**45.0** **MG/KG**

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**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

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* ..Total animals with tissue examined microscopically; Total animals with tumor
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Experiment Number: 93022-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: 2,4-Decadienal
CAS Number: 25152-84-5

Date Report Requested: 10/18/2014
Time Report Requested: 15:38:21
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F 344/N Rat Male
133.0  MG/KG

ANIMAL ID

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

Page 7
### F 344/N Rat Male
400.0 MG/KG

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| *TOTALS    | 6 | 7 | 8 | 9 | 0 |

---

### Alimentary System
- **Stomach, Forestomach**: + + + + 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

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
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BLANK ..Not examined microscopically
**Experiment Number:** 93022-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:38:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

### F 344/N Rat Male  
**400.0 MG/KG**

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**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  
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M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically
**Experiment Number:** 93022-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N  

**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

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---

**Alimentary System**

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

---

*..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+. ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
I ..Insufficient tissue  
BLANK ..Not examined microscopically
F 344/N Rat Male
1200.0  MG/KG

Day on Test

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*TOTALS

None

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

+ + + + + 5

SYSTEMIC LESIONS

Multiple Organ

+ + + + + 5
**Experiment Number:** 93022-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5  
**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:38:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

### F 344/N Rat Male  
**3600.0 MG/KG**

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**Alimentary System**

- **Intestine Small, Ileum**  
  - A  
  - Total: 0
- **Liver**  
  - Total: 5
- **Stomach, Forestomach**  
  - Total: 5
- **Stomach, Glandular**  
  - Total: 1

**Cardiovascular System**

**NONE**

**Endocrine System**

**NONE**

**General Body System**

**NONE**

**Genital System**

**NONE**

**Hematopoietic System**

- **Thymus**  
  - Total: 1

**Integumentary System**

- **Skin**  
  - Total: 1

**Musculoskeletal System**

| ..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 |
### SYSTEMIC LESIONS

**F 344/N Rat Male**

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**Respiratory System**

- **NONE**

**Nervous System**

- **NONE**

**Urinary System**

**Kidney**

- **+ + + + A**

**Multiple Organ**

- **+ + + + +**

**Systemic Lesions**

- **5**

***END OF MALE DATA***
**Experiment Number:** 93022-01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

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

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:38:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

#### F 344/N Rat Female  
**0.0** MG/KG

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*TOTALS*  

### Alimentary System

- **Liver**  
  - + + + + +  
  - Total: 5
- **Stomach, Forestomach**  
  - + + + + +  
  - Total: 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**

---

*..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  
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**Respiratory System**

**NONE**

**Special Senses System**

**NONE**

**Urinary System**

**Kidney**

+ + + + + 5

**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

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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: 93022-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: 2,4-Decadienal
CAS Number: 25152-84-5

Date Report Requested: 10/18/2014
Time Report Requested: 15:38:21
First Dose M/F: NA / NA
Lab: MBA

F 344/N Rat Female
45.0    KG/KG

ANIMAL ID

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
**DAYS ON TEST**

**F 344/N Rat Female**

| 133.0 MG/KG |

**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
M ..Missing tissue
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X ..Lesion present
BLANK ..Not examined microscopically
I ..Insufficient tissue
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Experiment Number: 93022-01  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)  
Test Compound: 2,4-Decadienal  
CAS Number: 25152-84-5

Date Report Requested: 10/18/2014  
Time Report Requested: 15:38:21  
First Dose M/F: NA / NA  
Lab: MBA

F 344/N Rat Female  
400.0  MG/KG

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*TOTALS

**Alimentary System**
- Stomach, Forestomach: + + + + 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

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
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BLANK ..Not examined microscopically  
I ..Insufficient tissue
**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

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**F 344/N Rat Female**  
**400.0 MG/KG**

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* **TOTALS**

**Respiratory System**  
NONE

**Special Senses System**  
NONE

**Urinary System**  
NONE

**SYSTEMIC LESIONS**

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

---

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M ..Missing tissue  
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A ..Autolysis precludes evaluation  
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I ..Insufficient tissue
Experiment Number: 93022-01  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Rat/F 344/N

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

Test Compound: 2,4-Decadienal  
CAS Number: 25152-84-5

Date Report Requested: 10/18/2014  
Time Report Requested: 15:38:21  
First Dose M/F: NA / NA  
Lab: MBA

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F 344/N Rat Female  
1200.0  MG/KG

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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

**Nervous 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
## NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:38:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

### Experiment Number:
93022-01

### Test Type:
14-DAY

### Route:
GAVAGE

### Species/Strain:
Rat/F 344/N

### DAY ON TEST

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*TOTALS*

### Respiratory System
NONE

### Special Senses System
NONE

### Urinary System

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### SYSTEMIC LESIONS

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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  
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Page 23
Experiment Number: 93022-01  
Test Type: 14-DAY  
Route: GAVAGE  
Species/Strain: Rat/F 344/N  
Test Compound: 2,4-Decadienal  
CAS Number: 25152-84-5  
Date Report Requested: 10/18/2014  
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First Dose M/F: NA / NA  
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F 344/N Rat Female  
3600.0 MG/KG

**Alimentary System**
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

**Cardiovascular System**
NONE

**Endocrine System**
NONE

**General Body System**
NONE

**Genital System**
NONE

**Hematopoietic System**
- Thymus: + + + 3

**Integumentary System**
- Skin: + + 2

**Musculoskeletal System**
NONE

**Nervous System**

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically  
I ..Insufficient tissue
### Experiment Number: 93022-01
### Test Type: 14-DAY
### Route: GAVAGE
### Species/Strain: Rat/F 344/N

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

**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:38:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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### F 344/N Rat Female  
### 3600.0 MG/KG

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*TOTALS*

**NONE**

**Respiratory System**  
**NONE**

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

**Urinary System**

| Kidney | + | + | A | + | 4 |

**SYSTEMIC LESIONS**

| Multiple Organ | + | + | + | + | 5 |

**END OF REPORT**