

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

<b>C Number:</b>	C93022B
<b>Lock Date:</b>	07/30/1997
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77644

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Lung	Hemorrhage	Minimal
* Lymph Node, Mandibular	Hemorrhage	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77645

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Lymph Node, Mandibular	Hemorrhage	Mild

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**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77646

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Lymph Node, Mandibular	Hemorrhage	Minimal

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77647

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Lung	Hemorrhage	Minimal
* Lymph Node, Mandibular	Hemorrhage	Mild
* Lymph Node, Mesenteric	Hemorrhage	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77648

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**OBSERVATIONS**

* Pituitary Gland	Pars Distalis	Cyst	Mild
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77649

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**OBSERVATIONS**

* Lung	Hemorrhage	Mild
	Infiltration Cellular	Histiocyte, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77650

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Bone Marrow               |
| * Brain                  | * Epididymis               | * Esophagus               | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

**OBSERVATIONS**

- |                          |                       |                  |
|--------------------------|-----------------------|------------------|
| * Liver                  | Infiltration Cellular | Mixed Cell, Mild |
| * Lymph Node, Mandibular | Hemorrhage            | Minimal          |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77651

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Brain

\* Epididymis

\* Esophagus

\* Intestine Large, Cecum

\* Intestine Large, Colon

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Preputial Gland

\* Prostate

\* Salivary Glands

\* Seminal Vesicle

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Testes

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

**OBSERVATIONS**

\* Heart

Cardiomyopathy

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77652

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Bone Marrow               |
| * Brain                  | * Epididymis               | * Esophagus               | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  |
| * Pituitary Gland        | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

**MISSING**

- |                 |                     |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

**OBSERVATIONS**

- |  |                            |         |
|--|----------------------------|---------|
| * Liver                                    | Hepatodiaphragmatic Nodule |         |
| [ Hepatodiaphragmatic Nodule TGLS = 1-21 ] |                            |         |
| * Lymph Node, Mandibular                   | Hemorrhage                 | Minimal |

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 94

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77653

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Lung	Hemorrhage	Mild
* Lymph Node, Mandibular	Hemorrhage	Minimal
* Nose	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

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**ANIMAL ID:** 11

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77654

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Nose

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

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**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77655

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77656

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77657

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77658

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77659

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 17

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77660

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 18

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77661

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 19

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77662

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 20

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77663

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77664

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77665

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77666

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77667

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77668

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 26

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77669

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77670

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 28

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77671

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77672

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 30

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77673

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 31

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77674

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 32

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77675

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 33

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77676

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 34

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77677

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 35

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77678

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 36

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77679

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 37

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77680

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 38

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77681

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 39

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77682

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Stomach, Forestomach

---

**OBSERVATIONS**

Nose	Olfactory Epi	Atrophy	Mild
	Sinus	Exudate	Minimal
	Olfactory Epi	Necrosis	Minimal
	Turbinates	Osteofibrosis	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 40

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77683

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77684

---

**OBSERVATIONS**

Nose

Olfactory Epi

Atrophy

Moderate

Exudate

Minimal

Turbinates

Osteofibrosis

Minimal

Note: EXUDATE IS IN THE LUMEN.

\* Stomach, Forestomach

Inflammation

Chronic Active, Minimal

Note: TGL 2 CONSIDERED FIXATION OR PROCESSING ARTIFACT; NO LESION TABULATED.

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77685

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

\* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77686

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

\* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 44

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77687

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**OBSERVATIONS**

Thymus

Hemorrhage

Mild

[ Hemorrhage TGLS = 2-3 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77688

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Stomach, Forestomach

---

**OBSERVATIONS**

Nose

Exudate

Minimal

Note: EXUDATE IS IN THE LUMEN.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 46

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77689

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Skin

Inflammation

Chronic, Mild

\* Stomach, Forestomach

Epithelium

Degeneration

Mild

Edema

Minimal

Epithelium

Hyperplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 47

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77690

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 48

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77691

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 49

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77692

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

\* Stomach, Forestomach

Edema

Minimal

Inflammation

Chronic Active, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 400 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77693

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

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**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 51

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77694

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lung		Hemorrhage	Minimal
* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Hemorrhage	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 52	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 800 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77695

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Lymph Node, Mandibular		Hemorrhage	Minimal
* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lymph Node, Mandibular		Hemorrhage	Minimal
* Nose		Exudate	Minimal
	Turbinate	Osteofibrosis	Minimal
Note: EXUDATE IS IN THE LUMEN.			
* Stomach, Forestomach	Epithelium	Degeneration	Mild
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77697

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Intestine Small, Duodenum		Erosion	Focal, Mild
		Inflammation	Chronic Active, Mild
* Nose		Exudate	Minimal
Note: EXUDATE IS IN THE LUMEN.			
* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 55	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 800 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77698

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**OBSERVATIONS**

* Lymph Node, Mandibular		Hemorrhage	Minimal
* Nose	Turbinate	Osteofibrosis	Minimal
* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Nose		Exudate	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: EXUDATE IS IN THE LUMEN.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77700

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Nose	Olfactory Epi	Atrophy Exudate	Mild Minimal
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Note: EXUDATE IS IN THE LUMEN.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 58

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77701

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Epididymis

**OBSERVATIONS**

* Lung		Hemorrhage	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
		Exudate	Minimal

Note: EXUDATE IS IN THE LUMEN.

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lymph Node, Mandibular		Hemorrhage	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
		Exudate	Minimal
	Turbinate	Osteofibrosis	Minimal
Note: EXUDATE IS IN THE LUMEN.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lung		Hemorrhage	Minimal
		Metaplasia	Osseous, Minimal
* Nose	Olfactory Epi	Atrophy	Mild
* Stom Gland			
Note: TGL 2 APPEARS TO BE NORMAL MESENTERIC FAT.			
* Thymus		Hemorrhage	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77704

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	Oral Mucosa	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Uterus	Hydrometra	Moderate
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[ Hydrometra TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 62

**TRT#:** 2

**DOSE:** 0 MG/KG/DY

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 94

**HISTO:** 96-77705

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 1-21 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 63

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77706

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Bone Marrow               |
| * Brain                  | * Clitoral Gland           | * Esophagus               | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      |
| * Ovary                  | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**OBSERVATIONS**

- |                          |                       |                     |
|--------------------------|-----------------------|---------------------|
| * Liver                  | Infiltration Cellular | Mixed Cell, Minimal |
| * Lymph Node, Mandibular | Hemorrhage            | Minimal             |
| * Uterus                 | Hydrometra            | Moderate            |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 64

**TRT#:** 2

**DOSE:** 0 MG/KG/DY

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 94

**HISTO:** 96-77707

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Esophagus

**OBSERVATIONS**

* Liver	Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 1-21 ]		
* Lymph Node, Mandibular	Hemorrhage	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77708

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

* Esophagus	* Intestine Large, Colon
-------------	--------------------------

**OBSERVATIONS**

* Liver	Hepatodiaphragmatic Nodule
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[ Hepatodiaphragmatic Nodule TGLS = 3-21 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 66

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77709

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Brain

\* Intestine Large, Colon

\* Intestine Small, Jejunum

\* Lung

\* Ovary

\* Skin

\* Thymus

\* Uterus

\* Adrenal Medulla

\* Clitoral Gland

\* Intestine Large, Rectum

\* Islets, Pancreatic

\* Lymph Node, Mesenteric

\* Pancreas

\* Spleen

\* Thyroid Gland

\* Bone

\* Heart

\* Intestine Small, Duodenum

\* Kidney

\* Mammary Gland

\* Parathyroid Gland

\* Stomach, Forestomach

\* Trachea

\* Bone Marrow

\* Intestine Large, Cecum

\* Intestine Small, Ileum

\* Liver

\* Nose

\* Pituitary Gland

\* Stomach, Glandular

\* Urinary Bladder

**MISSING**

\* Esophagus

\* Lymph Node, Mandibular

\* Salivary Glands

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77710

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77711

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

\* Parathyroid Gland

---

**OBSERVATIONS**

Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
* Uterus		Hydrometra	Minimal
[ Hydrometra TGLS = 2-7 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 69

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77712

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Bone Marrow               |
| * Brain                  | * Clitoral Gland           | * Esophagus               | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| Lacrimal Gland           | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

OBSERVATIONS

- |   |                            |          |
|---|----------------------------|----------|
| * Liver   | Hepatodiaphragmatic Nodule |          |
| [ Hepatodiaphragmatic Nodule TGLS = 2-21,3-22 ] |                            |          |
| * Ovary   | Cyst                       | Moderate |
| * Uterus  | Hydrometra                 | Moderate |
| [ Hydrometra TGLS = 1-7 ]                       |                            |          |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 71

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77714

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77715

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 73

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77716

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Stomach, Forestomach

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77717

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77718

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 76

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77719

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 77

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77720

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 78

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77721

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 79

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77722

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 80

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 50 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77723

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 81

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77724

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 82

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77725

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 83	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 100 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77726

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

---

**OBSERVATIONS**

Nose	Respirat Epith	Inflammation	Minimal
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---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 84

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77727

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 85

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77728

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 86

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77729

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**MISSING**

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 87

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77730

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 88

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77731

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 89

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77732

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 90

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 100 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77733

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 200 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77734

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose \* Stomach, Forestomach

---

**OBSERVATIONS**

Ovary [ Cyst TGLS = 2-7 ]	Cyst	Moderate
Uterus [ Hydrometra TGLS = 1-7 ]	Hydrometra	Moderate

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 92

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77735

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Stomach, Forestomach

---

**OBSERVATIONS**

Nose

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 93

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77736

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**OBSERVATIONS**

Uterus

Hydrometra

Moderate

[ Hydrometra TGLS = 1-7 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 94

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77737

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**OBSERVATIONS**

Uterus

Hydrometra

Moderate

[ Hydrometra TGLS = 1-7 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 95

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77738

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 96

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77739

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 97

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77740

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 98

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77741

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**OBSERVATIONS**

Mesentery

Fat

Necrosis

Mild

[ Necrosis TGLS = 2-21 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 99

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77742

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 100

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 200 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77743

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

**ANIMAL ID:** 101

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77744

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 102

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77745

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 103

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77746

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

\* Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 104

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77747

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

\* Stomach, Forestomach

Epithelium

Degeneration

Minimal

Epithelium

Hyperplasia

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 105

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77748

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

\* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 106

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77749

---

**OBSERVATIONS**

Nose

Exudate

Minimal

Respirat Epith

Metaplasia

Squamous, Minimal

Note: EXUDATE IS IN THE LUMEN.

\* Stomach, Forestomach

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 107	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 400 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77750

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Minimal Chronic Active, Minimal
------------------------	------------	-----------------------------	------------------------------------

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 108	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 400 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77751

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Ovary [ Cyst TGLS = 2-7 ]		Cyst	Moderate
* Stomach, Forestomach		Edema	Minimal
	Epithelium	Hyperplasia	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

<b>ANIMAL ID:</b> 109	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 400 MG/KG/DY	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 96-77752

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

---

**ANIMAL ID:** 110

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 400 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77753

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

\* Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 111

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77754

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Nose	Olfactory Epi	Atrophy	Mild
* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77755

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 113

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77756

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Bone Marrow               |
| * Brain                  | * Clitoral Gland           | * Esophagus               | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Ovary                   | * Pancreas                  |
| * Parathyroid Gland      | * Pituitary Gland          | * Salivary Glands         | * Spleen                    |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

**INSUFFICIENT TISSUE**

- \* Skin

**OBSERVATIONS**

- |                        |            |              |                      |
|------------------------|------------|--------------|----------------------|
| * Stomach, Forestomach | Epithelium | Degeneration | Mild                 |
|                        |            | Edema        | Mild                 |
|                        | Epithelium | Hyperplasia  | Minimal              |
|                        |            | Inflammation | Chronic Active, Mild |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Bone Marrow               |
| * Brain                  | * Clitoral Gland           | * Esophagus               | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Ovary                   | * Pancreas                  |
| * Pituitary Gland        | * Salivary Glands          | * Spleen                  | * Stomach, Glandular        |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

MISSING

- \* Parathyroid Gland

INSUFFICIENT TISSUE

- \* Skin

OBSERVATIONS

- |                        |            |              |                         |
|------------------------|------------|--------------|-------------------------|
| * Stomach, Forestomach | Epithelium | Degeneration | Mild                    |
|                        | Epithelium | Hyperplasia  | Minimal                 |
|                        |            | Inflammation | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Bone                    | * Bone Marrow               | * Brain                  |
| * Clitoral Gland           | * Esophagus               | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                                |            |                                   |                         |
|--------------------------------|------------|-----------------------------------|-------------------------|
| * Adrenal Cortex               |            | Accessory Adrenal Cortical Nodule | Moderate                |
| * Nose                         |            | Exudate                           | Minimal                 |
| Note: EXUDATE IS IN THE LUMEN. |            |                                   |                         |
| * Stomach, Forestomach         | Epithelium | Degeneration                      | Mild                    |
|                                | Epithelium | Hyperplasia                       | Minimal                 |
|                                |            | Inflammation                      | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93022-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Decadienal

CAS Number: 25152-84-5

Date Report Requested: 10/18/2014

Time Report Requested: 15:35:08

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 800 MG/KG/DY

DISP: Terminal Sacrifice

HISTO: 96-77759

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 117

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77760

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Lymph Node, Mandibular		Hemorrhage	Mild
* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 118

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77761

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93022-03

**Test Type:** 90-DAY

**Route:** GAVAGE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Decadienal

**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 15:35:08

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

**Lab:** SRI

**ANIMAL ID:** 119

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77762

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93022-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Decadienal  
**CAS Number:** 25152-84-5

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 15:35:08  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 120

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 800 MG/KG/DY

**DISP:** Terminal Sacrifice

**HISTO:** 96-77763

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Stomach, Forestomach	Epithelium	Degeneration	Minimal
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE