

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C03667B
<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>	Female

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Endocardium Nos	Degeneration, Muroid
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Metamorphosis, Fatty
Nasal cavity	Inflammation, Proliferative
Skin	Acanthosis
	Hyperkeratosis
Trachea	Inflammation, Proliferative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Tubule

Liver  
Lung  
Spleen  
Thyroid  
Trachea  
Uterus

Cortical Adenoma  
Cast, Nos  
Dilatation, Nos  
Metamorphosis, Fatty  
Abscess, Nos  
Hematopoiesis  
Hyperplasia, C Cell  
Inflammation, Proliferative  
Hyperplasia, Nos  
Pyometra

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Cecum, Colon

Tubule

Liver  
Pancreas  
Pituitary gland  
Skin

Centrilobular

Acinus

Cortical Adenoma  
Ulcer, Nos  
Cast, Nos  
Dilatation, Nos  
Necrosis, Nos  
Atrophy, Nos  
Chromophobe Adenoma  
Acanthosis  
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cast, Nos

Tubule

Dilatation, Nos

Liver

Centrilobular

Metamorphosis, Fatty

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver  
Pituitary gland

Centrilobular

Metamorphosis, Fatty  
Chromophobe Adenoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cast, Nos

Liver

Tubule

Dilatation, Nos

Lung

Centrilobular

Necrosis, Nos

Pneumonia, Chronic Murine

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1  
**DOSE:** 10000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver

Centrilobular  
Centrilobular

Cirrhosis, Nos  
Metamorphosis, Fatty  
Necrosis, Nos  
Pneumonia, Chronic Murine

Lung

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Lung

Pituitary gland

Cortical Adenoma

Hyperplasia, Nodular

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Chromophobe Adenoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Lung  
Pancreas  
Stomach

Cortical Adenoma  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Leiomyosarcoma, Invasive  
Leiomyosarcoma  
Papilloma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1  
**DOSE:** 10000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Mammary gland  
Nasal cavity  
  
Trachea

Centrilobular

Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroadenoma  
Inflammation, Chronic Suppurative  
Squamous Cell Carcinoma  
Inflammation, Proliferative

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cast, Nos

Tubule

Dilatation, Nos

Liver

Centrilobular

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Interstitial
Liver	Metamorphosis, Fatty
Lung	Pneumonia, Chronic Murine
Pituitary gland	Chromophobe Adenoma
Trachea	Inflammation, Proliferative

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Mammary gland

Centrilobular

Cortical Adenoma  
Cyst, Nos  
Necrosis, Nos  
Abscess, Nos  
Fibroadenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Peritoneum

Inflammation, Chronic

Skin

Leiomyosarcoma, Metastatic

Spleen

Hematopoiesis

Uterus

Leiomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Interstitial

Liver

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Centrilobular

Cortical Adenoma

Inflammation, Interstitial

Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 10000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Pituitary gland  
Trachea

Centrilobular

Necrosis, Nos  
Chromophobe Adenoma  
Inflammation, Proliferative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule

Cast, Nos

Dilatation, Nos

Hemorrhage

Liver

Metamorphosis, Fatty

Mammary gland

Fibroadenoma

Pancreas

Periarteritis

Thyroid

Follicular-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Pituitary gland  
Spleen

Cortical Adenoma  
Inflammation, Interstitial  
Metamorphosis, Fatty  
Chromophobe Adenoma  
Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Spleen

Centrilobular

Cortical Adenoma  
Inflammation, Interstitial  
Metamorphosis, Fatty  
Hemangioma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung  
Bronchopneumonia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 10000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Mammary gland

Centrilobular

Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung	Bronchopneumonia, Nos
Spleen	Depletion

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Inflammation, Interstitial

Liver

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

Trachea

Inflammation, Proliferative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Cast, Nos

Liver

Tubule

Dilatation, Nos

Lung

Centrilobular

Metamorphosis, Fatty

Abscess, Nos

Pneumonia, Interstitial Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchopneumonia, Nos
Spleen	Depletion
	Hemosiderosis
Trachea	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1  
**DOSE:** 10000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
  
Lung  
Pancreas

Mesentery Nos  
  
Bile Duct

Periarteritis  
Inflammation, Interstitial  
Cyst, Nos  
Hematopoiesis  
Pneumonia, Chronic Murine  
Periarteritis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Pituitary gland  
Skin  
  
Thyroid

Centrilobular

Cortical Adenoma  
Inflammation, Interstitial  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Acanthosis  
Hyperkeratosis  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Interstitial

Liver

Centrilobular

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Bronchopneumonia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Adenoma, Nos
Nasal cavity		Inflammation, Chronic Diffuse

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic Diffuse
Ovary		Granulosa-Cell Tumor
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Nasal cavity

Inflammation, Interstitial  
Inflammation, Hemorrhagic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Mammary gland

Cortical Adenoma  
Pneumonia, Chronic Murine  
Fibroadenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Tubule

Liver  
Lung  
Mammary gland  
Trachea

Centrilobular

Lipoidosis  
Cast, Nos  
Dilatation, Nos  
Inflammation, Interstitial  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroadenoma  
Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Liver

Tubule  
Centrilobular

Cortical Adenoma  
Cast, Nos  
Dilatation, Nos  
Metamorphosis, Fatty

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Mammary gland  
Nasal cavity  
Pituitary gland  
Spleen

Cortical Adenoma  
Metamorphosis, Fatty  
Fibroadenoma  
Inflammation, Proliferative  
Chromophobe Adenoma  
Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Nasal cavity  
Spleen

Cortical Adenoma  
Metamorphosis, Fatty  
Inflammation, Proliferative  
Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
Liver	Bile Duct	Cyst, Nos
Lung		Bronchopneumonia, Nos
Nasal cavity		Inflammation, Chronic
Pituitary gland		Cyst, Hemorrhagic
Spleen		Depletion, Lymphoid
		Hemosiderosis
Uterus		Pyometra

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Mammary gland  
Spleen  
  
Trachea

Cortical Adenoma  
Pneumonia, Chronic Murine  
Fibroadenoma  
Depletion, Lymphoid  
Hemosiderosis  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule  
Tubule

Cast, Nos  
Dilatation, Nos  
Chromophobe Adenoma

Pituitary gland

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule  
Tubule

Cast, Nos  
Dilatation, Nos  
Metamorphosis, Fatty  
Inflammation, Chronic

Liver  
Trachea

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Mammary gland  
Nasal cavity  
Trachea

Cortical Adenoma  
Adenoma, Nos  
Inflammation, Proliferative  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Endocardium Nos	Inflammation, With Fibrosis
Pancreas	Acinus	Atrophy, Nos
Thyroid		Cystadenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Mammary gland  
Trachea

Cervical Lymph Node Nos

Inflammation, Chronic  
Adenoma, Nos  
Inflammation, Proliferative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Inflammation, Chronic
Thyroid		Follicular-Cell Carcinoma
Trachea		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Trachea

Centrilobular

Metamorphosis, Fatty  
Inflammation, Proliferative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
Mammary gland		Adenocarcinoma, Nos
		Adenoma, Nos
		Fibroma
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland		Cyst, Hemorrhagic
Blood vessel	Aorta Nos	Calcification, Medial
Kidney		Inflammation, Interstitial
Liver		Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach	Mucosa	Calcification, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Dilatation, Nos
		Inflammation, Interstitial
Liver		Hematopoiesis
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic Suppurative
Skin		Fibroma
		Ulcer, Nos
Spleen		Hematopoiesis
Trachea		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Tubule

Liver  
Trachea

Cortical Adenoma  
Cast, Nos  
Dilatation, Nos  
Metamorphosis, Fatty  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Mammary gland  
Pancreas

Centrilobular  
  
Islets

Necrosis, Nos  
Abscess, Nos  
Fibroadenoma  
Islet-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Inflammation, Chronic
Mammary gland		Fibroadenoma
Trachea		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Nasal cavity  
Trachea

Necrosis, Focal  
Bronchopneumonia, Nos  
Inflammation, Suppurative  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Dilatation, Nos
Liver	Centrilobular	Metamorphosis, Fatty
Ovary		Tubular Adenoma
Spleen		Hematopoiesis
Urinary bladder		Inflammation, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Trachea

Centrilobular

Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos

Dilatation, Nos

Liver

Centrilobular

Metamorphosis, Fatty

Pituitary gland

Cyst, Colloid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct Centrilobular	Cyst, Nos Metamorphosis, Fatty Pneumonia, Chronic Murine Cyst, Follicular Nos Granulosa-Cell Tumor
Lung		
Ovary		

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos

Liver

Centrilobular

Dilatation, Nos

Mammary gland

Metamorphosis, Fatty

Trachea

Adenoma, Nos

Inflammation, Proliferative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 5000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Liver  
Lung

Tubule  
Centrilobular

Lipoidosis  
Cast, Nos  
Dilatation, Nos  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Cast, Nos

Liver

Dilatation, Nos

Thyroid

Metamorphosis, Fatty

Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney

Spleen

Uterus

Endometrium

Hyperplasia, Hematopoietic  
Mineralization  
Pyelonephritis, Acute  
Atrophy, Nos  
Hemosiderosis  
Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Lung		Congestion, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute
Spleen		Inflammation, Acute
Unspecified	Nose	Granuloma, Foreign Body

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Inflammation, Chronic
	Mesenteric Artery Nos	Thrombosis, Nos
Eye	Retina	Inflammation, Nos
Kidney	Tubule	Cyst, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Pancreas		Inflammation, With Fibrosis
Spleen		Hematopoiesis
		Inflammation, Chronic
Unspecified	Abdominal Wall Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye	Retina	Inflammation, Nos
Lung		Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland		Cyst, Nos
Skeletal muscle		Granuloma, Foreign Body
Spleen		Hematopoiesis
Thymus		Atrophy, Nos
Thyroid		Cyst, Follicular Nos
		Hyperplasia, C Cell
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Angiectasis
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Mineralization
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Spleen		Inflammation, Acute
Urinary bladder		Inflammation, Acute
Uterus		Inflammation, Acute

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Mammary gland

Retina

Tubule

Bile Duct

Angiectasis

Inflammation, Nos

Cyst, Nos

Mineralization

Hyperplasia, Nos

Hyperplasia, Nos

Fibroadenoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart		Calcification, Dystrophic
Kidney		Mineralization
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
Pituitary gland		Cyst, Nos
Spleen		Hemosiderosis
Trachea		Inflammation, Acute Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Eye	Retina	Inflammation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Thymus		Atrophy, Nos
Thyroid		C-Cell Adenoma
Uterus		Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney  
Mammary gland

Retina

Pituitary gland

Angiectasis  
Inflammation, Nos  
Mineralization  
Adenoma, Nos  
Fibroadenoma  
Chromophobe Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Eye

Retina

Lipoidosis

Kidney

Inflammation, Nos

Liver

Inflammation, Chronic

Ovary

Centrilobular

Metamorphosis, Fatty

Tubular Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Eye	Retina	Inflammation, Nos
Kidney		Inflammation, Chronic
Trachea		Inflammation, Nos
Urinary bladder		Inflammation, Nos
Uterus		Adenocarcinoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_015

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Lipoidosis
Eye	Retina	Inflammation, Nos
Liver		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Cyst, Hemorrhagic
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Thymus		Atrophy, Nos
		Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Angiectasis
	Cortex Nos	Lipoidosis
Eye	Cornea	Inflammation, Acute
	Lacrimal Gland	Inflammation, Acute Suppurative
	Retina	Inflammation, Nos
Harderian gland	Hardarian Gland	Abscess, Nos
	Hardarian Gland	Adenocarcinoma, Nos
Liver	Bile Duct	Dilatation, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroma
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Thymus		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Mammary gland		Fibroadenoma
Ovary		Cystic Follicles
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Uterus	Endometrium	Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Adenoma, Nos
		Fibroadenoma
Spleen		Inflammation, Acute
Thymus		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Eye		Cataract
		Inflammation, Acute
	Retina	Inflammation, Nos
Kidney		Inflammation, Chronic
		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Plasma-Cell Infiltrate
Mammary gland		Fibroadenoma
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Mammary gland  
Spleen

Mineralization  
Necrosis, Nos  
Adenocarcinoma, Nos  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye  
Kidney  
Mammary gland

Retina

Inflammation, Nos  
Mineralization  
Fibroadenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Ovary

Thyroid

Cortex Nos

Retina

Tubule

Bile Duct

Cortical Adenoma

Lipoidosis

Inflammation, Nos

Cyst, Nos

Hyperplasia, Nos

Cyst, Follicular Nos

Cystic Follicles

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney  
Liver  
Mammary gland

Retina  
Medulla  
Bile Duct

Cortical Adenoma  
Inflammation, Nos  
Mineralization  
Hyperplasia, Nos  
Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Lipoidosis
Eye		Inflammation, Acute
	Retina	Inflammation, Nos
Kidney	Tubule	Cyst, Nos
		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Plasma-Cell Infiltrate
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Cyst, Nos
		Papillary Cystadenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Spleen  
Stomach  
Trachea  
Unspecified

Bile Duct

Angiectasis  
Hyperplasia, Nos  
Hematopoiesis  
Calcification, Dystrophic  
Inflammation, Nos  
Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Liver		Lipoidosis
Lung		Pneumonia, Chronic Murine
Thymus		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Lipoidosis
Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas	Duct Nos	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Eye

Retina

Hyperplasia, Nos

Kidney

Inflammation, Nos

Liver

Mineralization

Lung

Lipoidosis

Thymus

Pneumonia, Chronic Murine

Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Angiectasis  
Cortical Adenoma

Eye  
Kidney  
Liver

Cortex Nos  
Retina

Lipoidosis  
Inflammation, Nos  
Mineralization

Pancreas  
Thymus

Bile Duct  
  
Duct Nos

Hyperplasia, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Atrophy, Nos

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Lymph node  
Trachea

Mandibular Lymph Node

Angiectasis  
Inflammation, Chronic  
Congestion, Nos  
Inflammation, Acute Suppurative  
Inflammation, Acute  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Fibrosarcoma, Metastatic
		Pyelonephritis, Nos
Liver		Hematopoiesis
		Necrosis, Focal
Mammary gland		Fibroadenoma
Spleen		Inflammation, Acute
Unspecified	Abdominal Wall Nos	Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Lipoidosis

Lymph node

Mineralization

Mammary gland

Mandibular Lymph Node

Plasma-Cell Infiltrate

Spleen

Fibroadenoma

Thyroid

Follicle

Hematopoiesis

Cystadenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Mammary gland		Fibroadenoma
Pancreas	Duct Nos	Hyperplasia, Nos
Thyroid	Follicle	Cystadenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03667B  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,7-Dichlorodibenzo-p-dioxin  
**CAS Number:** 33857-26-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:38:38  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Lipoidosis

Kidney

Inflammation, Nos

Inflammation, Chronic

Pancreas

Islets

Mineralization

Pituitary gland

Islet-Cell Adenoma

Thymus

Cyst, Nos

Atrophy, Nos

Thyroid

Cyst, Nos

C-Cell Adenoma

Uterus

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

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