

**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:** 10:41:53  
**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>	Male

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Spleen		Hyperplasia, Hematopoietic
Thyroid		Hyperplasia, Focal
Unspecified	Abdominal Cavity	Periarteritis

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Congestion, Nos
Spleen		Depletion

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Interstitial
Liver	Bile Duct	Cyst, Nos
		Focal Cellular Change
Pituitary gland		Chromophobe Adenoma
Stomach		Diverticulum

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Pelvis

Hemorrhage

Liver

Centrilobular

Necrosis, Nos

Lung

Pneumonia, Chronic Murine

Nasal cavity

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Trachea

Tubule

Hemorrhage  
Inflammation, Chronic  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_008

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

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Blood vessel	Aorta Nos	Mineralization
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic
Spleen		Atrophy, Nos
Testis		Atrophy, Nos
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Bronchopneumonia, Nos
Spleen		Hemosiderosis
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Nasal cavity  
Testis

Pneumonia, Chronic Murine  
Inflammation, Chronic  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Pancreas

Testis

Centrilobular

Acinus

Cortical Carcinoma

Nephropathy

Metamorphosis, Fatty

Cortical Carcinoma, Metastatic

Pneumonia, Chronic Murine

Atrophy, Focal

Periarteritis

Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone	Joint Of Wrist	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Cyst, Nos
Lymph node	Cervical Lymph Node Nos	Inflammation, Chronic
Testis		Atrophy, Focal
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Blood vessel  
Kidney

Aorta Nos  
Tubule  
Tubule

Mineralization  
Cast, Nos  
Dilatation, Nos  
Inflammation, Interstitial  
Pneumonia, Chronic Murine  
Inflammation, Chronic

Lung  
Nasal cavity

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Spleen

Centrilobular

Lipoidosis

Necrosis, Nos

Depletion, Lymphoid

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Nasal cavity	Inflammation, Chronic
Spleen	Depletion
Testis	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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Tubule	Cast, Nos
		Inflammation, Interstitial
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic
Spleen		Infarct, Hemorrhagic
Testis		Atrophy, Nos
Thyroid		Papillary Adenocarcinoma

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_018

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Focal

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Pyelonephritis, Nos

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Suppurative

Testis

Atrophy, Nos

Thyroid

Cyst, Nos

Urinary bladder

Inflammation, Suppurative

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Inflammation, Chronic
Nasal cavity		Inflammation, Chronic
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney		Cast, Nos
	Tubule	Dilatation, Nos
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic
Spleen		Hyperplasia, Hematopoietic
Trachea		Inflammation, Chronic Suppurative

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney  
Seminal vesicle  
Spleen  
Stomach  
Urinary bladder

Pelvis

Hyperplasia, Epithelial  
Inflammation, Chronic Suppurative  
Hyperplasia, Hematopoietic  
Leiomyosarcoma  
Hyperplasia, Epithelial  
Inflammation, Chronic Suppurative

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Seminal vesicle

Pelvis

Centrilobular

Cortical Adenoma

Hyperplasia, Epithelial

Metamorphosis, Fatty

Hyperplasia, Epithelial

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver  
Lung  
Nasal cavity  
Spleen

Centrilobular

Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Inflammation, Chronic  
Hemosiderosis

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Liver

Lung

Endocardium Nos

Centrilobular

Bronchiole

Cortical Adenoma

Degeneration, Muroid

Hepatocellular Carcinoma

Metamorphosis, Fatty

Hyperplasia, Focal

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
Lung		Pneumonia, Chronic Murine
Spleen		Depletion, Lymphoid
Testis		Atrophy, Nos
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Testis		Atrophy, Nos
Thyroid		Goiter, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic
Testis		Atrophy, Nos
	Tubule	Mineralization

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Pneumonia, Chronic Murine  
Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Lung

Testis

Spermatogenic Epithelium

Hyperplasia, Focal

Inflammation, Interstitial

Pneumonia, Chronic Murine

Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Lipoidosis

Liver

Centrilobular

Congestion, Nos

Centrilobular

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

Testis

Atrophy, Nos

Trachea

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Pneumonia, Chronic Murine  
Hemosiderosis

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Centrilobular

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 10000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Lung

Trachea

Centrilobular

Lipoidosis

Metamorphosis, Fatty

Pneumonia, Chronic Murine

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver  
Spleen

Centrilobular

Metamorphosis, Fatty  
Depletion

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Nasal cavity  
Trachea

Nephropathy  
Pneumonia, Chronic Murine  
Inflammation, Chronic  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Bone marrow		Atrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Bronchopneumonia, Nos
Nasal cavity		Inflammation, Chronic
Spleen		Depletion

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Lung

Nephropathy  
Pneumonia, Chronic Murine

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver  
Nasal cavity  
Trachea

Abscess, Nos  
Inflammation, Chronic  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver	Centrilobular	Congestion, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hyperplasia, Hematopoietic

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Pancreas  
Thyroid

Cortical Carcinoma  
Inflammation, Interstitial  
Periarteritis  
C-Cell 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Liver	Centrilobular	Necrosis, Nos
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Heart	Endocardium Nos	Degeneration, Muroid
Kidney		Nephropathy
Liver	Centrilobular	Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Lymph node		Inflammation, Chronic
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Stomach		Acanthosis
Zymbal gland		Hyperplasia, Cystic

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Trachea		Inflammation, Chronic Suppurative

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Kidney	Nephropathy
Lung	Pneumonia, Chronic Murine
Pancreas	Periarteritis
Skin	Cyst, Sebaceous
Spleen	Hemangiosarcoma
Trachea	Inflammation, Chronic

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Seminal vesicle		Abscess, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Liver

Spleen

Testis

Centrilobular

Cortical Adenoma

Metamorphosis, Fatty

Hemangiosarcoma

Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Epididymis  
Kidney

Granuloma, Spermatic  
Nephropathy  
Nephrosis, Hydro

Lung  
Prostate  
Spleen  
Urinary bladder

Pneumonia, Chronic Murine  
Inflammation, Suppurative  
Hyperplasia, Hematopoietic  
Inflammation, Chronic 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic Suppurative
Pancreas	Islets	Islet-Cell Adenoma
Stomach		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver  
Nasal cavity

Centrilobular

Metamorphosis, Fatty  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Thyroid		Follicular-Cell Carcinoma
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Testis

Centrilobular

Lipoidosis  
Nephropathy  
Metamorphosis, Fatty  
Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Lung  
Testis

Nephropathy  
Alveolar/Bronchiolar Adenoma  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney	Nephropathy
Lung	Pneumonia, Chronic Murine
Nasal cavity	Inflammation, Chronic
Trachea	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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney	Nephropathy
Lung	Pneumonia, Chronic Murine
Nasal cavity	Inflammation, Chronic
Trachea	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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Centrilobular

Cortical Adenoma  
Nephropathy  
Metamorphosis, Fatty

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Kidney		Nephropathy
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic Suppurative
Unspecified	Thigh	Fibrosarcoma
	Abdominal Cavity	Fibrosarcoma, Metastatic

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Lung  
Seminal vesicle  
Testis

Myocardium Nos

Pheochromocytoma  
Inflammation, Chronic Diffuse  
Inflammation, Interstitial  
Pneumonia, Chronic Murine  
Inflammation, Suppurative  
Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney  
Lung  
Nasal cavity

Nephropathy  
Pneumonia, Chronic Murine  
Inflammation, Chronic 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

Kidney

Lipoidosis

Liver

Nephropathy

Lung

Focal Cellular Change

Trachea

Pneumonia, Chronic Murine

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Testis		Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Lung		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Testis		Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

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

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Brain		Reticulosis, Malignant
Intestine Large	Anus Nos	Inflammation, Necrotizing
Penis		Inflammation, Chronic Suppurative
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
	Tubule	Mineralization
Thyroid		C-Cell 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Nasal cavity  
Trachea

Pneumonia, Chronic Murine  
Inflammation, Chronic  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Lung

Lymph node

Spleen

Testis

Thyroid

Trachea

Tubule

Tubule

Cervical Lymph Node Nos

Pheochromocytoma

Cast, Nos

Dilatation, Nos

Pneumonia, Chronic Murine

Hyperplasia, Nos

Hyperplasia, Hematopoietic

Atrophy, Nos

C-Cell Adenoma

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Blood vessel	Aorta Nos	Mineralization
Ductus deferens	Muscularis	Mineralization
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Centrilobular	Metamorphosis, Fatty
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Chronic Suppurative
Spleen		Depletion
Stomach	Submucosa	Mineralization

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver  
Pancreas

Myocardium Nos

Centrilobular  
Acinus

Cortical Adenoma  
Inflammation, Chronic Focal  
Nephropathy  
Metamorphosis, Fatty  
Atrophy, Nos  
Periarteritis

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Nasal cavity  
Seminal vesicle  
Testis  
Unspecified

Turbinate Nos

Adipose Tissue

Pheochromocytoma  
Inflammation, Chronic  
Alveolar/Bronchiolar Carcinoma  
Pneumonia, Chronic Murine  
Inflammation, Acute Suppurative  
Dilatation, Nos  
Atrophy, Nos  
Lipoma

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Adrenal gland		Hyperplasia, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Prostate		Inflammation, Chronic
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos  
  
Bile Duct

Lipoidosis  
Inflammation, Chronic  
Hyperplasia, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Inflammation, Chronic

Parathyroid gland  
Trachea

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_004

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Lung

Congestion, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_005

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

**SEX:** Male  
**DISP:** Natural Death

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Pyelonephritis, Chronic
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Chronic
Prostate		Inflammation, Chronic
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Aspermatogenesis
Trachea		Inflammation, Chronic Suppurative
Urinary bladder		Inflammation, Chronic

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Lipoidosis Pheochromocytoma
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Parathyroid gland		Hyperplasia, Nos
Seminal vesicle		Inflammation, Chronic
Thymus		Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Prostate

Lipoidosis

Thyroid

Inflammation, Acute

Unspecified

C-Cell Adenoma

Lipoma

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Thymus		Atrophy, Nos
Trachea		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

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

**SEX:** Male  
**DISP:** Natural Death

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Bone marrow

Lipoidosis

Kidney

Hyperplasia, Hematopoietic

Lymph node

Inflammation, Chronic

Parathyroid gland

Mandibular Lymph Node

Hyperplasia, Lymphoid

Spleen

Hyperplasia, Nos

Testis

Hematopoiesis

Abscess, Nos

Thyroid

Atrophy, Nos

Follicular-Cell Adenoma

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_010

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Lipoidosis

Lung

Inflammation, Chronic

Lymph node

Pneumonia, Chronic Murine

Testis

Mandibular Lymph Node

Hyperplasia, Lymphoid

Tunica Vaginalis

Atrophy, Nos

Mesothelioma, Nos

Thyroid

Periarteritis

Follicular-Cell Adenoma

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Nasal cavity	Turbinate Nos	Inflammation, Acute
Prostate		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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Lung

Edema, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney  
Lymph node

Bronchial Lymph Node

Mixed Tumor, Malignant  
Hemorrhage

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_014

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Lipoidosis
Kidney		Inflammation, Chronic
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
Pituitary gland		Chromophobe Adenoma
Testis		Atrophy, Nos
Trachea		Inflammation, Chronic
Urinary bladder		Inflammation, Chronic

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Unspecified

Cortex Nos

Lipoidosis  
Inflammation, Chronic  
Fibroma

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_016

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Lipoidosis

Pheochromocytoma

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Trachea

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Angiectasis
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Testis		Atrophy, Nos
	Tunica Vaginalis	Mesothelioma, Nos
Trachea		Inflammation, Chronic Suppurative

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Nasal cavity  
Pancreas  
Spleen

Turbinate Nos  
Islets

Inflammation, Acute  
Islet-Cell 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Lipoidosis

Heart

Myocardium Nos

Pheochromocytoma

Inflammation, Chronic

Intestine Small

Mesentery Nos

Periarteritis

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Pancreas

Periarteritis

Parathyroid gland

Hyperplasia, Nos

Testis

Periarteritis

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_020

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Spleen	Hematopoiesis
Testis	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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Unspecified		Fibroma

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney  
Spleen

Inflammation, Chronic  
Sarcoma, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone marrow	Hyperplasia, Hematopoietic
Kidney	Inflammation, Chronic
Pituitary gland	Cyst, Nos
Testis	Atrophy, Nos
Thymus	Atrophy, Nos
Unspecified	Fibroma

---

**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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Lipoidosis

Nasal cavity

Inflammation, Chronic

Parathyroid gland

Turbinates Nos

Inflammation, Acute Suppurative

Thyroid

Adenoma, Nos

Trachea

C-Cell Adenoma

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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Lipoidosis

Liver

Inflammation, Chronic

Cirrhosis, Cardiac

Congestion, Chronic Passive

Cyst, Nos

Bile Duct

Hyperplasia, Nos

Thyroid

Follicular-Cell Carcinoma

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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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Prostate  
Spleen

Follicles

Inflammation, Acute  
Atrophy, Nos  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland  
Nasal cavity  
Testis

Turbinate Nos

Cortical Adenoma  
Inflammation, Acute  
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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Adrenal gland		Angiectasis
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Nasal cavity	Turbinates Nos	Inflammation, Acute
Prostate		Inflammation, Chronic
Testis		Atrophy, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

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

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Calcification, Dystrophic
Kidney		Liposarcoma
Nasal cavity	Turbinates Nos	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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

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**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Cyst, Nos
Trachea		Inflammation, Acute Suppurative
Unspecified		Granuloma, 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:** 10:41:53  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_034

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

**SEX:** Male  
**DISP:** Scheduled Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Kidney		Inflammation, Chronic
Liver		Hepatocellular Adenoma
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute
Parathyroid gland		Adenoma, Nos
Pituitary gland		Adenoma, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

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