

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C03714A
<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:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Angiectasis Cortical Adenoma
Eye	Cortex Nos	Hyperplasia, Nodular
Kidney	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Pelvis	Mineralization
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pituitary gland		Congestion, Nos
Spleen		Hematopoiesis
Trachea		Inflammation, Chronic Focal
Uterus	Endometrium	Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Centrilobular Bile Duct	Congestion, Nos Hyperplasia, Nos Necrosis, Central
Uterus		Leiomyoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Unspecified

Uterus

Pelvis

Pelvis

Multiple Organs Nos

Endometrium

Endometrium

Pheochromocytoma

Hyperplasia, Epithelial

Mineralization

Adenocarcinoma/Squamous Metaplasia, Metastatic

Abscess, Nos

Adenocarcinoma/Squamous Metaplasia

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Hyperplasia, Epithelial

Lung

Pelvis

Mineralization

Mammary gland

Pneumonia, Chronic Murine

Spleen

Fibroadenoma

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_006

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis Cortical Adenoma
Heart		Endocarditis, Verrucous
Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Focal Lymphocytic Inflammatory Infiltrate
Mammary gland		Fibroadenoma
Ovary		Hyperplasia, Nos
Pancreas		Fibrosis, Diffuse
Spleen		Erythropoiesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Lung

Salivary gland

Spleen

Thymus

Lacrimal Gland

Pelvis

Congestion, Nos

Cortical Adenoma

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Epithelial

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Focal

Hemangioma

Cyst, Branchial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Liver  
Lung  
Pituitary gland  
Spleen  
Uterus

Bile Duct  
  
  
  
Endometrium

Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Hematopoiesis  
Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Lung  
Pancreas

Myocardium Nos

Cortical Adenoma  
Inflammation, Chronic Focal  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Periarteritis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Unspecified

Multiple Organs Nos

Inflammation, Chronic  
Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 0

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

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

**OBSERVATIONS**

Bone marrow		Fibrous Osteodystrophy
Intestine Small	Ileum	Inflammation, Acute Necrotizing
Kidney		Inflammation, Chronic
Lung		Congestion, Acute
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Nos
Mammary gland		Adenosis
		Dilatation, Ducts
Ovary		Hyperplasia, Nos
Spleen		Hypoplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Cyst, Hemorrhagic
	Cortex Nos	Hyperplasia, Nodular
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cyst, Hemorrhagic  
Hyperplasia, Nodular  
Metamorphosis, Fatty  
Inflammation, Chronic  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Hematopoiesis

Kidney

Liver

Lung

Spleen

Bile Duct

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Mammary gland

Adenocarcinoma, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Blood vessel	Coronary Artery Nos	Inflammation, Acute Necrotizing
Heart	Myocardium Nos	Inflammation, Proliferative
Kidney	Pelvis	Hyperplasia, Epithelial
Lung		Inflammation, Interstitial
Mammary gland		Adenocarcinoma, Nos
Spleen		Hematopoiesis
Uterus		Leiomyoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Lung

Inflammation, Chronic  
Hemorrhage  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1  
**DOSE:** 0

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

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

**OBSERVATIONS**

Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Degeneration, Hydropic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Congestion, Nos
		Hyperplasia, Nos
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Cortex Nos  
Pelvis

Hyperplasia, Nodular  
Hyperplasia, Epithelial  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Unspecified

Myocardium Nos

Pelvis

Hepatocytes

Cortical Adenoma

Inflammation, Chronic Focal

Inflammation, Chronic

Mineralization

Cloudy Swelling

Metamorphosis, Fatty

Congestion, Nos

Pneumonia, Chronic Murine

Chromophobe Adenoma

Lipoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Pelvis	Mineralization
Mammary gland	Bile Duct	Hyperplasia, Focal Fibroadenoma
Nasal cavity		Inflammation, Chronic Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Lung

Ovary

Cortical Adenoma  
Inflammation, Chronic  
Mineralization  
Congestion, Nos  
Pneumonia, Chronic Murine  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Pelvis Bile Duct Centrilobular	Mineralization Hyperplasia, Nos Lipoidosis Fibroadenoma Ectopia Angiectasis Hyperplasia, Chromophobe Cell Inflammation, Chronic Lymphocytic Inflammatory Infiltrate
Mammary gland		
Parathyroid gland		
Pituitary gland		
Urinary bladder		

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Trachea		Inflammation, Chronic Focal
Uterus		Dilatation, Nos
		Hemorrhage
	Endometrium	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Cyst, Hemorrhagic
Brain	Midbrain Nos	Calcification, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Liver	Hepatocytes	Cloudy Swelling
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Mammary gland  
Ovary  
Pituitary gland  
Spleen  
Uterus

Endometrium

Fibroadenoma  
Atrophy, Nos  
Hyperplasia, Chromophobe Cell  
Hematopoiesis  
Inflammation, Suppurative  
Leiomyoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Angiectasis
		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nodular Metamorphosis, Fatty
Kidney	Pelvis Pelvis	Hyperplasia, Epithelial Mineralization
Lung		Pneumonia, Chronic Murine
Spleen		Congestion, Nos
Uterus	Endometrium	Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Congestion, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic

Liver

Pelvis  
Bile Duct  
Hepatocytes

Mineralization  
Hyperplasia, Nos  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine

Lung  
Mammary gland  
Uterus

Endometrium

Fibroadenoma  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 0

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

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

**OBSERVATIONS**

Eye	Lacrimal Gland	Inflammation, Chronic
	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
	Lacrimal Gland	Squamous Cell Carcinoma
Kidney		Hyperplasia, Focal
		Inflammation, Chronic
	Pelvis	Mineralization
Larynx		Inflammation, Chronic Focal
Liver		Cytoplasmic Vacuolization
	Bile Duct	Dilatation, Nos
		Inflammation, Multifocal
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Squamous Cell Carcinoma, Metastatic
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Congestion, Nos
		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Mineralization
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Granuloma, Foreign Body
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Lipoidosis
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Cloudy Swelling
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Stomach	Mucosa	Metaplasia, Squamous
Uterus	Endometrium	Hyperplasia, Focal
	Endometrium	Inflammation, Chronic Cystic
		Polyp, Inflammatory

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Focal
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Liver	Inflammation, Chronic Focal
Spleen	Hemosiderosis
Thyroid	Inflammation, Chronic Focal C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney  
Liver

Lacrimal Gland

Lung  
Mammary gland  
Spleen

Congestion, Nos  
Lymphocytic Inflammatory Infiltrate  
Inflammation, Chronic  
Cytoplasmic Vacuolization  
Metamorphosis, Fatty  
Neoplastic Nodule  
Pneumonia, Chronic Murine  
Fibroadenoma  
Congestion, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Mineralization
Lymph node	Renal Lymph Node	Sarcoma, Nos
Ovary		Corpus Luteum
Uterus	Endometrium	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Lung

Inflammation, Chronic  
Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland		Angiectasis
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Congestion, Nos
		Hematopoiesis
Trachea		Inflammation, Chronic Focal
Uterus	Endometrium	Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis  
Pelvis

Liver  
Lung  
Ovary  
Spleen

Hyperplasia, Nodular  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Inflammation, Chronic  
Cytoplasmic Vacuolization  
Pneumonia, Chronic Murine  
Cyst, Nos  
Congestion, Nos  
Hematopoiesis  
Hyperplasia, C Cell  
Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
Lung  
Ovary

Pelvis  
Bile Duct

Mineralization  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland		Cyst, Hemorrhagic
Eye	Lacrimal Gland	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Spleen		Congestion, Nos
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
	Pelvis	Mineralization
Liver		Islet-Cell Carcinoma, Metastatic
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Congestion, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
Lung

Pelvis  
Bile Duct

Mineralization  
Hyperplasia, Nos  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Kidney		Inflammation, Chronic
Liver	Centrilobular	Metamorphosis, Fatty
Ovary	Follicle	Atresia
		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Spleen		Congestion, Nos
Thyroid		Adenoma, Nos
		Calcification, Nos
		Necrosis, Focal
Unspecified		Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Lung

Ovary

Pituitary gland

Cortex Nos

Myocardium Nos

Pelvis

Angiectasis

Metamorphosis, Fatty

Inflammation, Chronic Focal

Inflammation, Chronic

Mineralization

Pneumonia, Chronic Murine

Atrophy, Nos

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Inflammation, Chronic Polyp, Inflammatory

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 0

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

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

**OBSERVATIONS**

Blood vessel	Artery Nos	Calcification, Medial
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Lung		Congestion, Nos
		Edema, Nos
		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Mucosa	Calcification, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 0

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

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Focal
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Ovary		Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Congestion, Nos
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver		Hematopoiesis
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Liver  
Lung  
Ovary  
Pituitary gland  
Spleen

Pelvis  
Bile Duct

Mineralization  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Chromophobe Adenoma  
Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_003

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

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

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

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Ovary

Spleen

Myocardium Nos

Pelvis

Pelvis

Bile Duct

Angiectasis

Cyst, Hemorrhagic

Inflammation, Acute/Chronic

Hyperplasia, Epithelial

Inflammation, Chronic

Mineralization

Hyperplasia, Nos

Pneumonia, Chronic Murine

Atrophy, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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**

Adrenal gland	Cortex Nos	Congestion, Nos
	Cortex Nos	Lipoidosis
	Cortex Nos	Pigmentation, Nos
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Salivary gland		Inflammation, Chronic Focal
Uterus	Endometrium	Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_005

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

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

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

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Degeneration, Cytologic
		Hypertrophy, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

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

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

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

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
	Pelvis	Mineralization
Liver		Degeneration, Cytologic
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Ovary		Atrophy, Nos
Uterus	Endometrium	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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:**

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Submandibular Lymph Node	Congestion, Nos
Ovary		Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_008

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

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

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

**OBSERVATIONS**

Adrenal gland		Angiectasis
Eye	Crystalline Lens	Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Uterus		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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:**

---

**OBSERVATIONS**

Adrenal gland

Zona Reticularis  
Zona Reticularis

Degeneration, Nos  
Fibrosis

Kidney

Pelvis

Inflammation, Chronic  
Mineralization

Liver

Degeneration, Cytologic

Lung

Alveolar/Bronchiolar Carcinoma

Ovary

Atrophy, Nos

Pituitary gland

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Artery Nos	Calcification, Medial
Eye	Cornea	Inflammation, Chronic Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Adenoma, Nos
Intestine Small	Intestinal Villus, Ileum	Congenital Abnormal Fusion
Kidney		Inflammation, Chronic
Liver		Angiectasis
Ovary		Corpus Luteum
Parathyroid gland		Hyperplasia, Nos
Stomach	Mucosa	Calcification, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

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

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

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

---

**OBSERVATIONS**

Adrenal gland

Zona Reticularis  
Zona Reticularis  
Zona Reticularis

Angiectasis  
Atrophy, Nos  
Fibrosis  
Pigmentation, Nos  
Pneumonia, Chronic Murine  
Lipoma  
Hyperplasia, Nos  
Inflammation, Chronic Suppurative

Lung

Unspecified

Uterus

Endometrium  
Endometrium

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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:**

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

Cyst, Hemorrhagic

Cortex Nos

Hyperplasia, Nodular

Kidney

Inflammation, Chronic

Liver

Angiectasis

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

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

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

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

---

**OBSERVATIONS**

Kidney		Calcification, Nos
	Pelvis	Mineralization
		Necrosis, Focal
Mammary gland		Inflammation, Acute Necrotizing
Urinary bladder		Calculus, Unknown Gross Or Micro

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_014

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

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

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

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Lung

Mammary gland

Ovary

Uterus

Lacrimal Gland

Pelvis

Bile Duct

Endometrium

Angiectasis

Cortical Adenoma

Lymphocytic Inflammatory Infiltrate

Mineralization

Hyperplasia, Nos

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Fibroadenoma

Atrophy, Nos

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Metamorphosis, Fatty
Harderian gland	Harderian Gland	Sclerosis
Kidney	Pelvis	Hyperplasia, Epithelial
	Tubule	Mineralization
Ovary		Atresia
		Atrophy, Nos
		Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Nos
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Bone marrow		Fibrous Osteodystrophy
		Metamorphosis, Fatty
Kidney	Tubule	Mineralization
Liver	Bile Duct	Hyperplasia, Focal
		Lipoidosis
Ovary		Atresia
		Atrophy, Nos
		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen	Red Pulp	Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_017

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Ganglioneuroma Hemangiomas Fibrous Osteodystrophy
Bone marrow		Endocardiosis
Heart		Inflammation, Acute Suppurative
Intestine Large	Colon	Inflammation, Acute Suppurative
Intestine Small	Ileum	Inflammation, Chronic
Kidney	Pelvis	Mineralization
Liver		Lipoidosis
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos Hyperplasia, Nos
Spleen		Atrophy, Nos
Uterus	Endometrium	Hyperplasia, Nos Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_018

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

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis

Metamorphosis, Fatty  
Hyperplasia, Epithelial  
Inflammation, Chronic

Liver

Bile Duct

Angiectasis  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Hyperplasia, Chromophobe Cell  
C-Cell Adenoma

Lung  
Ovary  
Pituitary gland  
Thyroid

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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  
Kidney  
Liver  
Lung  
  
Mammary gland  
Pituitary gland  
Thyroid

Bile Duct

Cyst, Hemorrhagic  
Inflammation, Chronic  
Hyperplasia, Nos  
Edema, Nos  
Pneumonia, Chronic Murine  
Fibroadenoma  
Chromophobe Adenoma  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_021

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Inflammation, Chronic Focal
	Colon	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Chromophobe Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis

Angiectasis  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Mixed Tumor, Benign  
Nephrosis, Hydro  
Fibroadenoma  
Atresia  
Atrophy, Nos  
Hyperplasia, Nos

Mammary gland  
Ovary

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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:**

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Hematopoiesis
	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_025

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Bone marrow		Fibrous Osteodystrophy
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Atresia
		Atrophy, Nos
		Cyst, Nos
		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Erythropoiesis
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**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**

Bone marrow		Fibrous Osteodystrophy
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Centrilobular	Inflammation, Acute/Chronic
Mammary gland		Hibernoma
Ovary		Atresia Atrophy, Nos Hyperplasia, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Fibrous Osteodystrophy
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Ovary		Atresia
		Atrophy, Nos
Spleen		Hematopoiesis
Unspecified		Hibernoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_001

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Atrophy, Nos  
Cortical Adenoma  
Hyperplasia, Nodular  
Metamorphosis, Fatty  
Pheochromocytoma

Eye  
Kidney  
Liver

Crystalline Lens

Degeneration, Nos  
Inflammation, Chronic  
Angiectasis  
Cloudy Swelling  
Cytoplasmic Change, Basophilic  
Hyperplasia, Nos  
Congestion, Nos  
Pneumonia, Chronic Murine

Lung

Bile Duct

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_002

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Pelvis	Mineralization Cirrhosis, Biliary
	Centrilobular	Degeneration, Nos Hematopoiesis Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Uterus		Hemosiderosis Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_004

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart		Rhabdomyosarcoma
Kidney	Pelvis	Mineralization
Lung		Congestion, Nos
		Hyperplasia, Alveolar Epithelium
		Pneumonia, Chronic Murine
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_005

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Kidney

Liver

Lung

Pituitary gland

Spleen

Cortical Adenoma

Hyperplasia, Nodular

Inflammation, Chronic

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Chromophobe Adenoma

Congestion, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_006

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Eye	Cornea	Fibrosis
	Cornea	Scar
Intestine Large	Colon	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Cloudy Swelling
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_007

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Cloudy Swelling
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Fibrosis
		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_008

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic Mineralization
	Pelvis	Mineralization
	Tubule	Mineralization
	Cortex	Polycystic Kidney
Liver		Cloudy Swelling Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Lymph node	Submandibular Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_009

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Liver		Hemorrhage
		Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic Suppurative

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_010

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland

Eye  
Kidney

Lacrimal Gland  
Pelvis

Liver  
Lung  
Ovary  
Uterus

Pelvis  
Bile Duct

Angiectasis  
Cortical Adenoma  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Mineralization  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Skin

Tubule

Mineralization  
Ulcer, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Lung	Pelvis	Mineralization Abscess, Nos Alveolar/Bronchiolar Carcinoma Metaplasia, Squamous Necrosis, Nos
Nasal cavity		Inflammation, Chronic Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_013

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Hyperplasia, Epithelial

Lung

Pelvis

Mineralization

Mammary gland

Pneumonia, Chronic Murine

Spleen

Fibroadenoma

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_014

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Pelvis	Mineralization Angiectasis Cloudy Swelling
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Neoplastic Nodule
Ovary		Atrophy, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Uterus	Endometrium	Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_015

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Liver  
Lung  
Spleen  
Thymus  
Uterus

Pelvis  
Bile Duct

Congestion, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Mineralization  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Hemosiderosis  
Ectopia  
Hyperplasia, Epithelial  
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_016

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Lung  
Spleen  
Uterus

Myocardium Nos

Angiectasis  
Inflammation, Chronic  
Inflammation, Chronic  
Sarcoma, Nos, Metastatic  
Hematopoiesis  
Inflammation, Suppurative  
Leiomyoma  
Necrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_017

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Hyperplasia, Epithelial

Lung

Pelvis

Mineralization

Mammary gland

Pneumonia, Chronic Murine

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_018

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland  
Intestine Large

Colon

Colon

Kidney

Pelvis

Pelvis

Liver

Lung

Lymph node

Mandibular Lymph Node

Congestion, Nos  
Inflammation, Chronic  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Mineralization  
Cytoplasmic Vacuolization  
Pneumonia, Chronic Murine  
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_019

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Intestine Large	Colon	Inflammation, Chronic
	Colon	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Salivary gland		Atrophy, Focal
		Inflammation, Chronic
Spleen		Congestion, Nos
		Hematopoiesis
Thymus		Cyst, Colloid
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_020

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Angiectasis
		Cyst, Hemorrhagic
Intestine Large	Colon	Inflammation, Chronic
	Colon	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Adenocarcinoma, Nos, Metastatic
		Hematopoiesis
		Necrosis, Nos
Lung		Crystals, Nos
		Granuloma, Nos
		Pigmentation, Nos
		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Pituitary gland		Cholesterol Deposit
		Cyst, Nos
Spleen		Hematopoiesis
Uterus		Adenocarcinoma, Nos
		Hemorrhage
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Vesicular

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_022

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Mammary gland

Salivary gland

Spleen

Thyroid

Pelvis

Pelvis

Congestion, Nos

Hyperplasia, Epithelial

Mineralization

Cloudy Swelling

Hematopoiesis

Neoplastic Nodule

Pneumonia, Chronic Murine

Fibroadenoma

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_023

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos Pheochromocytoma
Intestine Large	Colon	Inflammation, Chronic Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
Liver	Pelvis	Inflammation, Chronic
Lung	Bile Duct	Hyperplasia, Nos
Mammary gland		Pneumonia, Chronic Murine Fibroadenoma Galactocele Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Urinary bladder		Hyperplasia, Epithelial Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_025

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Pelvis

Lung  
Stomach

Hematopoiesis  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Mineralization  
Congestion, Nos  
Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_028

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Accidentally Killed

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

---

**OBSERVATIONS**

Kidney  
Liver

Pelvis  
Centrilobular

Lung  
Mammary gland  
Spleen  
Unspecified

Multiple Organs Nos

Mineralization  
Metamorphosis, Fatty  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroadenoma  
Hematopoiesis  
Congestion, Nos  
Liposarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_029

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Mammary gland

Pelvis

Cyst, Hemorrhagic  
Mineralization  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_030

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Liver  
Pituitary gland  
Spleen  
Thyroid

Bile Duct

Hyperplasia, Nos  
Chromophobe Adenoma  
Congestion, Nos  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_001

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Atrium	Thrombus, Mural
Kidney	Pelvis	Calcification, Nos Inflammation, Chronic
Liver		Cloudy Swelling Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Inflammation, Necrotizing

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_003

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

Kidney

Pelvis

Cyst, Hemorrhagic

Liver

Pelvis

Calcification, Focal

Lung

Hyperplasia, Epithelial

Mammary gland

Metamorphosis, Fatty

Thyroid

Neoplastic Nodule

Hyperplasia, Adenomatous

Pneumonia, Chronic Murine

Fibroadenoma

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_004

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Lung

Stomach

Lacrimal Gland

Pelvis

Cortical Adenoma

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Epithelial

Inflammation, Chronic

Hepatitis, Toxic

Granuloma, Nos

Hyperplasia, Adenomatous

Pneumonia, Chronic Murine

Pneumonia, Interstitial Chronic

Acanthosis

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_005

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
Larynx		Inflammation, Chronic
Liver		Inflammation, Chronic
		Lymphocytic Inflammatory Infiltrate
		Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Thyroid		C-Cell Adenoma
Uterus		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_006

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Esophagus		Fibroma
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Stomach		Adenocarcinoma, Nos
Uterus		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_008

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Liver  
Lung

Thyroid

Congestion, Nos  
Calcification, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_010

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
		Inflammation, Chronic
Liver		Focal Cellular Change
		Hepatitis, Toxic
Lung		Hemorrhage
		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_014

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Inflammation, Nos
Liver		Focal Cellular Change
		Hepatitis, Toxic
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis
Thymus		Cyst, Ultimobranchial
		Inflammation, Chronic
Urinary bladder		Inflammation, Chronic
Uterus		Inflammation, Necrotizing

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_015

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Hepatitis, Toxic
		Hepatocellular Carcinoma
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Uterus		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_016

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Lymph node

Ureter

Uterus

Lacrimal Gland

Pelvis

Mandibular Lymph Node

Cortical Adenoma

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Epithelial

Focal Cellular Change

Hepatitis, Toxic

Hyperplasia, Lymphoid

Inflammation, Chronic

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_017

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Fibrosis
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Pituitary gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_018

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland		Adenoma, Nos
Eye	Lacrimal Gland	Inflammation, Chronic
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Focal Cellular Change
		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Spleen		Fibroma
Thyroid		Follicular-Cell Adenoma
Uterus	Endometrium	Inflammation, Chronic Cystic
Vagina		Acanthosis
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_019

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver		Focal Cellular Change Hepatitis, Toxic
Lung		Pneumonia, Chronic Murine
Pituitary gland		Adenoma, Nos
Uterus		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_020

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver		Hepatitis, Toxic
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Spleen		Hematopoiesis
		Infarct, Nos
Thyroid		Follicular-Cell Adenoma
Unspecified		Fibrosarcoma
	Multiple Organs Nos	Fibrosarcoma, Metastatic
	Multiple Organs Nos	Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_021

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart		Inflammation, Chronic Focal
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Pancreas		Adhesion, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_022

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Blood vessel	Artery Nos	Calcification, Medial
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Hepatitis, Toxic
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Unspecified		Fibrosarcoma
Uterus		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_023

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver		Hepatitis, Toxic
Lung		Hyperplasia, Adenomatous Pneumonia, Chronic Murine
Uterus	Endometrium	Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_024

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Heart	Ventricle	Adenocarcinoma, Nos, Metastatic
	Myocardium Nos	Inflammation, Chronic Focal
	Endocardium Nos	Inflammation, Nos
	Ventricle	Thrombosis, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Hepatitis, Toxic
Lung		Adenocarcinoma, Nos, Metastatic
		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Adenocarcinoma, Nos
Skin		Cyst, Epidermal Inclusion
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_025

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Focal Cellular Change
		Hepatitis, Toxic
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Uterus		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_026

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Liver	Metamorphosis, Fatty
Lung	Hyperplasia, Adenomatous Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_027

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
Liver		Hepatitis, Toxic
		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Inflammation, Nos
Mammary gland		Fibroadenoma
Uterus		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_028

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Heart	Calcification, Focal
Kidney	Calcification, Focal
Liver	Metamorphosis, Fatty
Lung	Congestion, Nos
	Edema, Nos
	Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_030

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Alveolar/Bronchiolar Adenoma
		Metaplasia, Squamous
Lymph node		Histiocytosis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_032

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver		Focal Cellular Change Hepatitis, Toxic
Lung		Hyperplasia, Adenomatous Pneumonia, Chronic Murine
Lymph node		Inflammation, Acute
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_033

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Focal

Liver

Pelvis

Hyperplasia, Epithelial

Lung

Metamorphosis, Fatty

Hyperplasia, Adenomatous

Mammary gland

Pneumonia, Chronic Murine

Unspecified

Abdominal Wall Nos

Fibroadenoma

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_034

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Pituitary gland		Chromophobe Adenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_035

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Cortex Nos  
Myocardium Nos

Metamorphosis, Fatty  
Inflammation, Chronic Focal  
Calculus, Unknown Gross Or Micro  
Inflammation, Chronic  
Hepatitis, Toxic  
Neoplastic Nodule  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Atrophy, Focal

Liver

Lung

Pancreas

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_036

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos

Liver

Pelvis

Hyperplasia, Epithelial

Lung

Focal Cellular Change

Mammary gland

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_037

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Lung

Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_038

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Mammary gland  
Ovary  
Spleen  
Thyroid  
Uterus

Cortical Adenoma  
Inflammation, Chronic  
Hepatitis, Toxic  
Pneumonia, Chronic Murine  
Fibrosarcoma  
Atrophy, Nos  
Hematopoiesis  
C-Cell Adenoma  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_039

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Pelvis	Thrombosis, Nos
Liver		Hepatitis, Toxic
Lung		Congestion, Nos
Pituitary gland		Adenoma, Nos
Salivary gland		Fibrosarcoma
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma
	Multiple Organs Nos	Fibrosarcoma, Metastatic
		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_040

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Bone marrow		Atrophy, Nos
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Leiomyosarcoma
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Focal Cellular Change
		Hepatitis, Toxic
Lung		Hyperplasia, Adenomatous
Mammary gland		Fibroadenoma
Skin		Ulcer, Chronic
Spleen		Hemosiderosis
Stomach		Adenoma, Nos
		Inflammation, Focal
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_041

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney

Pelvis  
Pelvis

Calcification, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Hyperplasia, Lymphoid  
Fibroadenoma  
Islet-Cell Adenoma

Liver  
Lung

Lymph node  
Mammary gland  
Pancreas

Mandibular Lymph Node  
Islets

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_042

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Bone marrow		Fibrosis, Myelo
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Endocardium Nos	Fibrous Histiocytoma, Malignant
Kidney	Pelvis	Calcification, Nos
Liver		Focal Cellular Change
		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Fibrous Histiocytoma, Metastatic
		Squamous Cell Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Congestion, Nos
Pituitary gland		Congestion, Nos
Spleen		Hematopoiesis
Unspecified		Fibrous Histiocytoma, Malignant
		Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_043

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
  
Ovary  
  
Salivary gland  
Thyroid  
Uterus

Endometrium

Cortical Adenoma  
Inflammation, Chronic  
Hepatitis, Toxic  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Luteoma  
Fibrosarcoma  
C-Cell Adenoma  
Inflammation, Chronic Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_044

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Multifocal
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver		Focal Cellular Change
		Hematopoiesis
	Centrilobular	Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibrosarcoma
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_045

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Multifocal
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver		Metamorphosis, Fatty
Lung		Congestion, Nos
		Pneumonia, Chronic Murine
Spleen		Atrophy, Focal
Thyroid		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_046

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Spleen		Hematopoiesis
Uterus		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_047

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Multifocal
Kidney		Inflammation, Chronic
Liver		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Thyroid		Inflammation, Chronic
Uterus	Endometrium	Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_048

**TRT#:** 5  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Inflammation, Chronic Focal
Liver		Focal Cellular Change
		Hepatitis, Toxic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
	Alveoli	Inflammation, Chronic Focal
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_049

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Lung  
Mammary gland  
Ovary  
Spleen  
Thymus  
Thyroid  
Unspecified

Multiple Organs Nos

Cyst, Hemorrhagic  
Calcification, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Fibroadenoma  
Luteinization  
Hemangiosarcoma  
Periarteritis  
Hyperplasia, C Cell  
Sarcoma, Nos  
Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_050

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver		Focal Cellular Change
		Hepatitis, Toxic
		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_052

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Congestion, Nos

Kidney

Cortical Adenoma

Liver

Inflammation, Chronic

Focal Cellular Change

Hepatitis, Toxic

Hepatocellular Carcinoma

Lung

Neoplastic Nodule

Hyperplasia, Adenomatous

Pneumonia, Chronic Murine

Spleen

Hematopoiesis

Uterus

Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_053

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Lung

Mammary gland

Cortical Adenoma  
Inflammation, Chronic  
Focal Cellular Change  
Hepatitis, Toxic  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_054

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Pelvis

Lung

Mammary gland

Calcification, Nos  
Hepatitis, Toxic  
Neoplastic Nodule  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_056

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Liver  
Lung

Ovary

Cortical Adenoma  
Calcification, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Hepatitis, Toxic  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Granulosa-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_057

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos  
Inflammation, Chronic  
Nephrosis, Hydro  
Hepatitis, Toxic  
Pneumonia, Chronic Murine  
Thecoma

Liver  
Lung  
Ovary

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_058

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Pancreas  
Thyroid

Islets

Cortical Adenoma  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Islet-Cell Adenoma  
C-Cell Adenoma  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_060

**TRT#:** 5  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Liver  
Lung  
Mammary gland  
Thyroid

Cyst, Hemorrhagic  
Calcification, Nos  
Hyperplasia, Epithelial  
Hematopoiesis  
Pneumonia, Chronic Murine  
Fibroadenoma  
C-Cell Adenoma  
Follicular-Cell Adenoma  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_002

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Spleen

Thyroid

Lacrimal Gland

Pelvis

Cortical Adenoma

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Epithelial

Inflammation, Chronic

Hematopoiesis

Hyperplasia, C Cell

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_003

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos  
Hyperplasia, Epithelial  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Fibrosarcoma

Lung

Unspecified

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_004

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_005

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 000.2 ML

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Lung

Spleen

Uterus

Lacrimal Gland

Pelvis

Pelvis

Endometrium

Endometrium

Congestion, Nos

Lymphocytic Inflammatory Infiltrate

Calcification, Nos

Hyperplasia, Epithelial

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Hematopoiesis

Fibrosis, Focal

Hyperplasia, Nos

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_006

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Cortex	Adenoma, Nos
		Inflammation, Chronic
Liver		Cyst, Nos
	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_007

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
Liver		Hepatitis, Toxic
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Congestion, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_008

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Larynx		Inflammation, Chronic Focal
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_009

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Aorta Nos	Calcification, Medial
	Sup.Panc-Duod.Artery	Calcification, Medial
Brain		Necrosis, Focal
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Cyst, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Hyperplasia, Nos
Ovary		Atrophy, Nos
Spleen		Hematopoiesis
Stomach	Mucosa	Calcification, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_010

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver		Lymphocytic Inflammatory Infiltrate
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Adenocarcinoma, Nos
Unspecified	Toe Nos	Hyperplasia, Epithelial
	Dorsal Foot And Toe	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_011

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Lung

Hemorrhage  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_013

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Liver  
Lung  
Mammary gland  
Thyroid

Focal Cellular Change  
Pneumonia, Chronic Murine  
Fibroadenoma  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_014

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
Liver		Cloudy Swelling
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_015

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
Liver		Congestion, Nos
Lung		Bronchopneumonia Necrotizing
		Congestion, Nos
Thymus		Hemorrhage
Unspecified		Cyst, Nos
Uterus	Endometrium	Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_016

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
Lung  
Thyroid

Pelvis

Calcification, Nos  
Focal Cellular Change  
Pneumonia, Chronic Murine  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_017

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_018

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Thyroid

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_020

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
Liver		Metamorphosis, Fatty
		Neoplastic Nodule
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pancreas	Islets	Islet-Cell Adenoma
Uterus	Endometrium	Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_021

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Small	Duodenum	Inflammation, Chronic
Kidney	Pelvis	Calcification, Nos
		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_022

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos Calculus, Unknown Gross Or Micro
Liver	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous Pneumonia, Chronic Murine
Lymph node	Inguinal Lymph Node	Hyperplasia, Nos
Spleen		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_023

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_024

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Metamorphosis, Fatty  
Inflammation, Chronic  
Focal Cellular Change  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Atrophy, Focal

Lung  
Ovary  
Pancreas

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_025

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
  
Liver  
Lung  
Ovary  
Pancreas

Cortex Nos  
Ileum  
Pelvis  
Pelvis

Metamorphosis, Fatty  
Inflammation, Chronic  
Calcification, Nos  
Hyperplasia, Epithelial  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Luteinization  
Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_026

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Liver  
Lung

Centrilobular

Cortical Carcinoma  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Metamorphosis, Fatty  
Cortical Carcinoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_027

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Liver  
Lung

Mammary gland  
Unspecified

Congestion, Nos  
Calcification, Nos  
Inflammation, Chronic  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Fibroadenoma  
Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_028

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Lung  
Thyroid

Myocardium Nos  
Pelvis

Cortical Adenoma  
Inflammation, Chronic Focal  
Calcification, Nos  
Pneumonia, Chronic Murine  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_029

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
  
Pituitary gland  
Thyroid

Cortex Nos  
  
Bile Duct

Metamorphosis, Fatty  
Inflammation, Chronic  
Hyperplasia, Nos  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Hyperplasia, Nos  
C-Cell Adenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_030

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos

Liver

Pelvis

Hyperplasia, Epithelial

Lung

Metamorphosis, Fatty

Hyperplasia, Adenomatous

Mammary gland

Pneumonia, Chronic Murine

Pituitary gland

Fibroadenoma

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_031

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Bile Duct

Lung

Inflammation, Chronic  
Focal Cellular Change  
Hyperplasia, Nos  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_032

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Kidney		Pyelonephritis, Nos
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Pneumonia, Chronic Murine
Lymph node		Inflammation, Chronic
Mammary gland		Fibroadenoma
Spleen		Hemosiderosis
Unspecified		Fibrosarcoma
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_033

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_034

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Cortex Nos  
Pelvis

Metamorphosis, Fatty  
Calcification, Nos  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_035

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Fibrosis Pneumonia, Chronic Murine
Mammary gland	Alveoli	Scar
Uterus	Endometrium	Fibroadenoma Inflammation, Suppurative

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_037

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Liver  
Lung

Cortical Adenoma  
Calcification, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_038

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Trachea		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_039

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Liver  
Lung  
Mammary gland  
Thyroid

Cyst, Hemorrhagic  
Calcification, Nos  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroadenoma  
C-Cell Adenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_040

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos

Mammary gland

Pelvis

Hyperplasia, Epithelial

Pancreas

Fibroadenoma

Skeletal muscle

Atrophy, Focal

Spleen

Inflammation, Focal

Unspecified

Hematopoiesis

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_041

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Nerve, peripheral  
Urinary bladder

Pelvis

Ophthalmic Nerve Nos

Cortical Adenoma  
Inflammation, Nos  
Lymphocytic Inflammatory Infiltrate  
Pneumonia, Chronic Murine  
Neurofibrosarcoma  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_042

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos  
Inflammation, Chronic  
Pneumonia, Chronic Murine

Lung

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_043

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 000.2 ML

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Focal
	Pelvis	Hyperplasia, Epithelial
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Inflammation, Vesicular

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_044

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Uterus		Atrophy, Nos
		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_045

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Lymph node		Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic Focal
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_046

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Mammary gland  
Nasal cavity  
Spleen

Cyst, Hemorrhagic  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Fibroadenoma  
Inflammation, Chronic Focal  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_047

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos

Liver

Pelvis

Hyperplasia, Epithelial

Lung

Inflammation, Chronic

Mammary gland

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_048

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung

Pelvis

Cyst, Hemorrhagic  
Calcification, Nos  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_049

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Mammary gland

Pelvis

Cyst, Hemorrhagic

Calcification, Nos

Metamorphosis, Fatty

Hyperplasia, Adenomatous

Pneumonia, Chronic Murine

Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_050

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Blood vessel  
Kidney  
Liver  
Lung

Pulmonary Artery Nos  
Pelvis

Calcification, Medial  
Calcification, Nos  
Calcification, Focal  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_051

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Thyroid  
Trachea

Cyst, Hemorrhagic  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
C-Cell Adenoma  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_052

**TRT#:** 6  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Calcification, Focal
Lung	Adenocarcinoma, Nos, Metastatic
	Pneumonia, Chronic Murine
Mammary gland	Adenocarcinoma, Nos
Spleen	Hematopoiesis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_053

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_054

**TRT#:** 6  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Unspecified		Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_001

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Calcification, Nos Inflammation, Chronic
	Pelvis	Inflammation, Nos Pneumonia, Chronic Murine
Lung		Adenoma, Nos
Pituitary gland		Hematopoiesis
Spleen		Hyperplasia, C Cell
Thyroid		

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_002

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Liver	Cloudy Swelling
	Metamorphosis, Fatty
Lung	Bronchopneumonia Suppurative
Thyroid	C-Cell Carcinoma
Trachea	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_003

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
  
Liver  
  
Lung  
Salivary gland  
Thymus

Pelvis  
Pelvis  
  
Bile Duct

Congestion, Nos  
Calcification, Focal  
Hyperplasia, Epithelial  
Angiectasis  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Atrophy, Focal  
Cyst, Nos  
Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_005

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis

Liver  
Lung

Congestion, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_006

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Base Of Heart

Pelvis

Pelvis

Cyst, Hemorrhagic

Inflammation, Chronic Focal

Calcification, Nos

Hyperplasia, Epithelial

Inflammation, Chronic

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Liver

Lung

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_007

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Ovary	Atrophy, Nos
Spleen	Hematopoiesis
Uterus	Inflammation, Necrotizing
	Leiomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_008

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Lung  
Nasal cavity  
Ovary  
Pancreas  
Spleen  
Stomach

Congestion, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Bronchopneumonia Chronic Suppurative  
Inflammation, Chronic  
Atrophy, Nos  
Atrophy, Focal  
Hemosiderosis  
Acanthosis  
Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_010

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis

Congestion, Nos  
Calcification, Nos  
Congestion, Nos

Liver  
Lung  
Lymph node  
Mammary gland  
Ovary  
Pituitary gland  
Thymus

Mandibular Lymph Node

Necrosis, Focal  
Congestion, Nos  
Congestion, Nos  
Fibroadenoma  
Atrophy, Nos  
Hyperplasia, Nos  
Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_011

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Brain		Astrocytoma
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Pneumonia, Chronic Murine
Pancreas		Congestion, Nos
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_012

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Focal
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node		Hemosiderosis
		Inflammation, Chronic
Pancreas		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Uterus		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_013

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver		Inflammation, Chronic
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
		Lipoma
Spleen		Hematopoiesis
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_014

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_015

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
  
Pelvis

Congestion, Nos  
Calculus, Unknown Gross Or Micro  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Congestion, Nos

Liver  
Lung  
Pituitary gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_016

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Mammary gland  
Thyroid

Cortex Nos

Congestion, Nos  
Pneumonia, Chronic Murine  
Fibroadenoma  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_018

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Spleen		Hemangioma
Thyroid		C-Cell Carcinoma
		Follicular-Cell Adenoma
Uterus		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_019

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Lung  
Mammary gland  
Nasal cavity  
Spleen  
Uterus

Congestion, Nos  
Calcification, Focal  
Hyperplasia, Epithelial  
Pneumonia, Chronic Murine  
Fibroadenoma  
Inflammation, Chronic Focal  
Hematopoiesis  
Inflammation, Chronic

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_021

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Liver  
Mammary gland

Centrilobular

Spleen  
Uterus

Cortical Adenoma  
Calculus, Unknown Gross Or Micro  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Necrosis, Nos  
Adenocarcinoma, Nos  
Fibroadenoma  
Hematopoiesis  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_022

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Brain		Astrocytoma
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_023

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Mammary gland

Spleen

Uterus

Pelvis

Pelvis

Hematopoiesis

Calcification, Focal

Hyperplasia, Epithelial

Hematopoiesis

Metamorphosis, Fatty

Adenocarcinoma, Nos

Hematopoiesis

Fibrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_024

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Angiectasis
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Ovary		Granulosa-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_025

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis  
Pelvis

Liver  
Pituitary gland  
Spleen  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Metamorphosis, Fatty  
Calcification, Nos  
Hyperplasia, Epithelial  
Metamorphosis, Fatty  
Adenoma, Nos  
Hematopoiesis  
Adenocarcinoma, Nos  
Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_026

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Heart	Endocardium Nos	Fibroma
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Inflammation, Nos
	Pelvis	Transitional-Cell Papilloma
Liver		Congestion, Nos
Lung		Congestion, Nos
Spleen		Hematopoiesis
Unspecified	Adipose Tissue	Inflammation, Chronic
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_027

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Lacrimal Gland

Pelvis

Congestion, Nos

Lymphocytic Inflammatory Infiltrate

Calcification, Focal

Inflammation, Chronic

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Fibroadenoma

Cyst, Nos

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_030

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Heart		Thrombosis, Nos
Kidney	Pelvis	Calcification, Focal
	Pelvis	Hyperplasia, Epithelial
Lung		Fibrosarcoma, Metastatic
Mammary gland		Galactocele
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Fibrosarcoma
Urinary bladder		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_031

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Brain

Kidney

Liver

Bile Duct

Cyst, Hemorrhagic

Astrocytoma

Inflammation, Chronic

Hyperplasia, Nos

Metamorphosis, Fatty

Neoplastic Nodule

Lung

Hyperplasia, Adenomatous

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_032

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Brain  
Intestine Large  
Kidney  
Liver  
Lung  
Ovary  
Parathyroid gland

Colon

Hemorrhage  
Nematodiasis  
Inflammation, Chronic  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Luteinization  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_033

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_034

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Mammary gland		Fibroadenoma
Ovary		Atrophy, Nos
Uterus	Endometrium	Inflammation, Vesicular

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_035

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Focal  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Hyperplasia, Adenomatous  
Fibroadenoma  
Hyperplasia, C Cell

Lung

Mammary gland

Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_037

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Mammary gland  
Spleen  
Stomach  
Uterus

Congestion, Nos  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Fibrosarcoma  
Hematopoiesis  
Lymphocytic Inflammatory Infiltrate  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_038

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver		Inflammation, Chronic
Uterus		Hematopoiesis
		Inflammation, Granulomatous Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_039

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_040

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Heart	Endocardium Nos	Fibrosis, Focal
Kidney	Pelvis	Calcification, Nos
		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Spleen		Congestion, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_041

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Cortical Carcinoma
Kidney	Pelvis	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver	Centrilobular	Cloudy Swelling
Lung		Congestion, Nos
		Cortical Carcinoma, Metastatic
Ovary		Atrophy, Nos
Pancreas	Islets	Degeneration, Hydropic
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_042

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Pituitary gland

Pelvis

Congestion, Nos  
Cortical Adenoma  
Calcification, Nos  
Inflammation, Chronic  
Metamorphosis, Fatty  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_043

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Cortex Nos  
Myocardium Nos

Metamorphosis, Fatty  
Inflammation, Chronic Focal  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_045

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland

Congestion, Nos  
Cortical Adenoma

Intestine Large

Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Degeneration, Hydropic

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_046

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Lung

Mammary gland

Pelvis

Cyst, Hemorrhagic

Calcification, Nos

Hyperplasia, Adenomatous

Pneumonia, Chronic Murine

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_047

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney

Pelvis

Calcification, Nos

Lung

Pelvis

Hyperplasia, Epithelial

Mammary gland

Hyperplasia, Adenomatous

Pneumonia, Chronic Murine

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_048

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Intestine Large  
Kidney

Colon  
Pelvis  
Pelvis

Liver

Lung  
Thyroid  
Uterus

Nematodiasis  
Calcification, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Lymphocytic Inflammatory Infiltrate  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
C-Cell Adenoma  
Leiomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_050

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Pelvis

Liver

Bile Duct

Lung

Cortical Adenoma

Hyperplasia, Epithelial

Inflammation, Chronic

Hyperplasia, Nos

Metamorphosis, Fatty

Granuloma, Nos

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_051

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Lung  
Mammary gland

Congestion, Nos  
Calcification, Focal  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_052

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Larynx		Inflammation, Chronic
Liver		Cloudy Swelling
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Skin		Squamous Cell Carcinoma
Spleen		Congestion, Nos
		Hematopoiesis
Stomach		Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_053

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Lymph node  
Mammary gland  
Spleen

Lumbar Lymph Node

Hyperplasia, Nos  
Adenocarcinoma, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_054

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis

Liver  
Lung

Bile Duct

Mammary gland  
Pancreas  
Unspecified

Cortical Adenoma  
Calcification, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Congestion, Nos  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Fibroadenoma  
Atrophy, Focal  
Inflammation, Chronic  
Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_055

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Calcification, Focal
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_056

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Cortical Adenoma  
Calcification, Nos  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Fibroadenoma

Mammary gland

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_057

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Lymph node  
Spleen  
Unspecified

Pelvis

Cortical Adenoma  
Calcification, Nos  
Hematopoiesis  
Pneumonia, Chronic Murine  
Inflammation, Chronic  
Hematopoiesis  
Fibrosarcoma

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_058

**TRT#:** 7  
**DOSE:** 000.2 ML

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Mammary gland

Nasal cavity

Pituitary gland

Pelvis

Bile Duct

Congestion, Nos

Cortical Adenoma

Calcification, Nos

Hyperplasia, Nos

Pneumonia, Chronic Murine

Fibroadenoma

Inflammation, Chronic Focal

Adenoma, Nos

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_059

**TRT#:** 7  
**DOSE:** 000.2 ML

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Thyroid		Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_003

**TRT#:** 8  
**DOSE:** 0

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

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

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Pelvis	Mineralization Cloudy Swelling
Lung	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Thymus		Pneumonia, Chronic Murine Ectopia
Uterus	Myometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Chronic Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_004

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Larynx  
Nasal cavity

Foreign Body, Reaction  
Inflammation, Acute Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_005

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Eye

Lacrimal Gland

Metamorphosis, Fatty

Kidney

Pelvis

Lymphocytic Inflammatory Infiltrate

Liver

Bile Duct

Hyperplasia, Epithelial

Lung

Inflammation, Chronic

Pituitary gland

Hyperplasia, Nos

Pneumonia, Chronic Murine

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_006

**TRT#:** 8  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Mineralization

Tubule

Mineralization

Liver

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

Skin

Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_007

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Congestion, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic Focal
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_008

**TRT#:** 8  
**DOSE:** 0

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

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

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Thymus		Ectopia
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_009

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Cast, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Fibroma
Thyroid		Follicular-Cell Adenoma
Uterus	Endometrium	Inflammation, Chronic Cystic Metaplasia, Squamous

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_010

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
		Hemorrhage
		Necrosis, Nos
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_011

**TRT#:** 8  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney  
Lung  
Skin

Pelvis

Mineralization  
Pneumonia, Chronic Murine  
Acanthosis  
Inflammation, Acute Necrotizing  
Inflammation, Chronic  
Ulcer, Nos  
Hematopoiesis

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_012

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Congestion, Nos
Uterus	Endometrium	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_013

**TRT#:** 8  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
	Tubule	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Metamorphosis, Fatty
Lung		Bronchopneumonia Suppurative
Pituitary gland		Hyperplasia, Chromophobe Cell
Spleen		Hematopoiesis
		Hemosiderosis
Uterus		Inflammation, Suppurative
		Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_014

**TRT#:** 8  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis  
Pelvis

Hyperplasia, Nodular  
Hyperplasia, Epithelial  
Mineralization  
Fibroadenoma  
Hematopoiesis  
Inflammation, Vesicular

Mammary gland  
Spleen  
Uterus

Endometrium

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_015

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Mineralization
		Pyelonephritis, Nos
Liver		Necrosis, Nos
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_016

**TRT#:** 8  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
  
Unspecified

Colon  
Pelvis  
Pelvis

Lipoidosis  
Nematodiasis  
Hyperplasia, Epithelial  
Mineralization  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_017

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

Kidney

Cortex Nos

Cyst, Hemorrhagic

Pelvis

Hyperplasia, Nodular

Liver

Pelvis

Hyperplasia, Epithelial

Lung

Bile Duct

Inflammation, Chronic

Mineralization

Hyperplasia, Nos

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_018

**TRT#:** 8  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Inflammation, Chronic
	Colon	Lymphocytic Inflammatory Infiltrate
Intestine Small	Ileum	Congestion, Nos
	Ileum	Edema, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Crystals, Nos
		Inflammation, Granulomatous Focal
		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Trachea		Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_019

**TRT#:** 8  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Mixed Tumor, Malignant
		Hematopoiesis
		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Thyroid		Follicular-Cell Adenoma
Uterus		Inflammation, Chronic
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_020

**TRT#:** 8  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney  
  
Lung  
Mammary gland

Pelvis  
Pelvis

Hyperplasia, Epithelial  
Mineralization  
Pneumonia, Chronic Murine  
Adenocarcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_022

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma Galactocele Hyperplasia, Nos
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_023

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Metamorphosis, Fatty  
Inflammation, Chronic

Liver

Pelvis  
Bile Duct  
Hepatocytes

Mineralization  
Hyperplasia, Nos  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroma

Lung  
Unspecified

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_024

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Cloudy Swelling
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_025

**TRT#:** 8  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Congestion, Nos  
Cortical Adenoma  
Hyperplasia, Nodular  
Metamorphosis, Fatty  
Inflammation, Chronic Focal  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Epithelial  
Mineralization  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Hemosiderosis  
Follicular-Cell Carcinoma

Intestine Large

Colon

Kidney

Pelvis

Liver

Bile Duct

Lung

Spleen

Thyroid

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_027

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Nasal cavity  
Stomach  
Urinary bladder

Pyelonephritis, Suppurative  
Inflammation, Suppurative  
Inflammation, Acute  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_029

**TRT#:** 8  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
  
Lung  
Mammary gland

Pelvis  
  
Hepatocytes

Mineralization  
Hypertrophy, Focal  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_030

**TRT#:** 8  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Endocardiosis
	Endocardium Nos	Fibrosis
Intestine Large	Colon	Inflammation, Chronic
	Colon	Lymphocytic Inflammatory Infiltrate
Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Congestion, Nos
		Hemorrhage
	Bile Duct	Hyperplasia, Nos
		Traumatic Abnormality
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Ovary		Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Edema, Nos
		Hemorrhage
		Infarct, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_001

**TRT#:** 9  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Larynx

Liver

Centrilobular

Lung

Ovary

Pituitary gland

Angiectasis

Cortical Adenoma

Inflammation, Chronic

Inflammation, Chronic Focal

Cloudy Swelling

Metamorphosis, Fatty

Neoplastic Nodule

Pneumonia, Chronic Murine

Atrophy, Nos

Hyperplasia, Chromophobe Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_002

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Liver

Hyperplasia, Focal

Lymph node

Hypertrophy, Focal

Mammary gland

Hyperplasia, Lymphoid

Fibroadenoma

Pituitary gland

Necrosis, Focal

Spleen

Hyperplasia, Nos

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_003

**TRT#:** 9  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Angiectasis
		Cytoplasmic Vacuolization
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
		Galactocele
Uterus	Endometrium	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_004

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Lung

Ovary

Spleen

Lacrimal Gland

Pelvis

Tubule

Bile Duct

Angiectasis

Lymphocytic Inflammatory Infiltrate

Mineralization

Mineralization

Hyperplasia, Nos

Alveolar Macrophages

Inflammation, Granulomatous

Pneumonia, Chronic Murine

Atrophy, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_005

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Lipoidosis
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Lung		Pneumonia, Chronic Murine
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Fibrosis
	Endometrium	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_006

**TRT#:** 9  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Liver

Bile Duct

Lung

Pituitary gland

Salivary gland

Cyst, Hemorrhagic  
Degeneration, Hydropic  
Hyperplasia, Nos  
Metamorphosis, Fatty  
Neoplastic Nodule  
Alveolar Macrophages  
Pneumonia, Chronic Murine  
Congestion, Nos  
Hyperplasia, Chromophobe Cell  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_007

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Ovary

Spleen

Thyroid

Uterus

Pelvis

Pelvis

Cortical Adenoma

Hyperplasia, Epithelial

Mineralization

Fibrosis

Inflammation, Chronic Focal

Pneumonia, Chronic Murine

Atrophy, Nos

Hematopoiesis

Inflammation, Nos

Leiomyosarcoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_008

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
Nasal cavity	Inflammation, Chronic Focal
Spleen	Hematopoiesis
Uterus	Endometrium Inflammation, Chronic Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_009

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Ovary		Atrophy, Nos
Spleen		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Chronic Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_010

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Pelvis Centrilobular	Mineralization Degeneration, Nos Hematopoiesis
Lung	Centrilobular Alveolar Wall	Necrosis, Nos Alveolar Macrophages Calcification, Focal Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Ovary		Atrophy, Nos
Spleen		Hematopoiesis
Stomach	Mucosa	Calcification, Nos
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Urinary bladder		Hyperplasia, Epithelial Inflammation, Chronic Focal
Uterus	Endometrium	Cyst, Hemorrhagic Metaplasia, Squamous Thrombosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_012

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
	Cortex Nos	Metamorphosis, Fatty
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Ovary		Atrophy, Nos
Pancreas		Atrophy, Focal
Thyroid		Follicular-Cell Carcinoma
Uterus	Endometrium	Inflammation, Chronic Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_013

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Pelvis  
Pelvis

Cortical Adenoma  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Inflammation, Chronic  
Degeneration, Hydropic  
Hyperplasia, Nos  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Fibroadenoma  
Hyperplasia, C Cell  
Inflammation, Chronic

Liver

Hepatocytes  
Bile Duct  
Hepatocytes

Lung  
Mammary gland  
Thyroid  
Urinary bladder

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_014

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland		Congestion, Nos
Eye	Lacrimal Gland	Lymphocytic Inflammatory Infiltrate
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
	Pelvis	Mineralization
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Ovary		Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Salivary gland		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach		Acanthosis
		Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_015

**TRT#:** 9  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Nematodiasis
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_016

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis  
Pelvis

Liver

Cyst, Hemorrhagic  
Hyperplasia, Epithelial  
Mineralization  
Hypertrophy, Focal  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine

Lung  
Mammary gland  
Ovary  
Spleen

Fibroadenoma  
Atrophy, Nos  
Hemangioma

Uterus

Endometrium

Hemosiderosis  
Inflammation, Vesicular

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_017

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Kidney  
Liver  
Lung  
Mammary gland

Pelvis

Ovary  
Skin  
Spleen

Uterus

Endometrium

Mineralization  
Hematopoiesis  
Pneumonia, Chronic Murine  
Adenocarcinoma, Nos  
Fibroadenoma  
Galactocele  
Atrophy, Nos  
Inflammation, Acute Necrotizing  
Hematopoiesis  
Hemosiderosis  
Inflammation, Chronic Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_019

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Cortex Nos

Hyperplasia, Nodular

Lung

Pelvis

Metamorphosis, Fatty

Mammary gland

Pelvis

Hyperplasia, Epithelial

Spleen

Mineralization

Stomach

Submucosa

Pneumonia, Chronic Murine

Fibroadenoma

Hemosiderosis

Fibrosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_021

**TRT#:** 9  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Lung		Pneumonia, Chronic Murine
Unspecified		Fibroma
Uterus	Endometrium	Inflammation, Vesicular

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_022

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Heart		Lymphocytic Inflammatory Infiltrate
Kidney	Pelvis	Mineralization
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH** -

---

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_023

**TRT#:** 9  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Thyroid

Myocardium Nos

Pelvis

Bile Duct

Cyst, Hemorrhagic

Inflammation, Chronic Focal

Inflammation, Chronic

Mineralization

Hyperplasia, Nos

Pneumonia, Chronic Murine

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_024

**TRT#:** 9  
**DOSE:** 0

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

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

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Hematopoiesis
	Centrilobular	Metamorphosis, Fatty
		Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Mammary gland		Adenocarcinoma, Nos
		Necrosis, Nos
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_025

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Nasal cavity		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_026

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
	Pelvis	Mineralization
Larynx		Inflammation, Chronic Focal
Lung		Abscess, Nos
		Pneumonia, Chronic Murine
Ovary		Corpus Luteum
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_029

**TRT#:** 9  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
Lung  
Spleen

Pelvis

Mineralization  
Hematopoiesis  
Pneumonia, Chronic Murine  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03714A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,3,7,8-Tetrachlorodibenzo-p-dioxin  
**CAS Number:** 1746-01-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:21:56  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_030

**TRT#:** 9  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney

Pelvis

Hyperplasia, Epithelial

Liver

Pelvis

Mineralization

Mammary gland

Hematopoiesis

Spleen

Fibroadenoma

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

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