

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C02686
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_001

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Cortical Adenoma Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Calculus, Microscopic Examination
	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Hyperplasia, Nodular
Lung		Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Papilloma, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_002

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hypertrophy, Focal
Brain		Hemorrhage
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Centrilobular	Atrophy, Nos
Lung		Congestion, Nos
		Edema, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_004

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Ear		Abscess, Chronic
Heart	Atrium	Thrombus, Organized
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Skin		Squamous Cell Carcinoma
Testis		Atrophy, Diffuse
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_006

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Mandibular Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_009

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hypertrophy, Focal  
Pheochromocytoma

Heart  
Kidney

Myocardium Nos  
Pelvis  
Cortex

Inflammation, Chronic  
Calculus, Microscopic Examination  
Cyst, Nos

Liver  
Lung

Bile Duct

Nephropathy  
Nephrosis, Hydro  
Hyperplasia, Nos  
Congestion, Nos  
Edema, Nos

Lymph node

Mesenteric Lymph Node  
Thymic Lymph Node

Hemorrhage  
Hemorrhage  
Hemorrhage  
Hyperplasia, Nos  
Hemosiderosis

Parathyroid gland  
Spleen

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_010

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

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Spleen		Hemosiderosis
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_011

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cyst, Nos
	Cortex Nos	Hypertrophy, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos
		Hemorrhage
Nasal cavity		Infection, Fungal
		Inflammation, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

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

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Cortex

Cytoplasmic Vacuolization  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Atelectasis  
Hemorrhage  
Hemosiderosis  
Degeneration, Cystic  
C-Cell Adenoma

Lung  
Lymph node  
Spleen  
Stomach  
Thyroid

Mesenteric Lymph Node

Glandular Stomach

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_013

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Medulla

Hyperplasia, Focal  
Nephropathy  
Congestion, Acute  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_014

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Intestine Large	Colon	Parasitism
Kidney		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_015

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Necrosis, Fibrinoid
Heart		Hemorrhage
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Pituitary gland		Basophil Carcinoma
Prostate		Adenocarcinoma, Nos
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_016

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

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

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

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**OBSERVATIONS**

Epididymis  
Kidney  
Lung

Granuloma, Spermatic  
Nephropathy  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hemorrhage

Thymus

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_017

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

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

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

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**OBSERVATIONS**

Kidney		Nephropathy
Liver		Necrosis, Focal
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemosiderosis
Salivary gland		Inflammation, Focal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_018

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney		Calculus, Microscopic Examination
		Nephropathy
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_019

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

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

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

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Colon  
Cortex

Liver  
Lymph node  
Pancreas  
Spleen  
Stomach  
Trachea

Mesenteric Lymph Node

Cardiac Stomach  
Gland

Cytoplasmic Vacuolization  
Parasitism  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Necrosis, Focal  
Hemorrhage  
Periarteritis  
Hemosiderosis  
Hyperplasia, Epithelial  
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_020

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Hepatic Sinusoid	Cyst, Nos
Lung		Pneumonia, Aspiration
Lymph node	Mesenteric Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Periarteritis
Thyroid		C-Cell Adenoma
Unspecified	Leg	Lipoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_021

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

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

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

**OBSERVATIONS**

Intestine Large  
Kidney

Colon  
Cortex

Parasitism  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Atelectasis  
Congestion, Nos  
Inflammation, Interstitial  
Hemorrhage  
Hematopoiesis  
Degeneration, Cystic  
Dilatation, Nos

Liver  
Lung

Lymph node  
Spleen  
Stomach  
Trachea

Thymic Lymph Node  
Glandular Stomach  
Gland

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_022

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

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

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

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**OBSERVATIONS**

Kidney	Nephropathy
Lung	Aspiration, Foreign Body
	Congestion, Nos
	Hemorrhage
	Pneumonia, Aspiration
Spleen	Hemosiderosis
Thyroid	C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_023

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Kidney	Cortex	Hypertrophy, Nos
		Cyst, Nos
		Nephropathy
Liver		Nephrosis, Hydro
Lung		Congestion, Nos
		Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hemorrhage
Spleen		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hemosiderosis
Trachea	Gland	Hyperplasia, Epithelial
		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_024

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney

Cortex Nos  
Pulmonary Artery Nos  
Cortex

Cytoplasmic Vacuolization  
Hypertrophy, Nos  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Hemorrhage  
Hemosiderosis

Lung

Lymph node  
Spleen

Thymic Lymph Node

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Pancreas

Cortex Nos

Cytoplasmic Vacuolization  
Nephropathy  
Congestion, Nos  
Dilatation, Ducts

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

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

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

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

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**OBSERVATIONS**

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Lung		Atelectasis
		Inflammation, Interstitial
Nasal cavity		Hemorrhage
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_029

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Intestine Large	Colon	Hypertrophy, Nos
Intestine Small	Duodenum	Parasitism
Kidney	Pelvis	Cyst, Nos
	Cortex	Calculus, Microscopic Examination
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Unspecified	Abdomen	Fibroma
	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Spleen  
Trachea

Pheochromocytoma  
Nephropathy  
Bronchopneumonia, Focal  
Hemosiderosis  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_031

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Organized
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Periarteritis
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Mammary gland		Edema, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

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

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

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

---

**OBSERVATIONS**

Blood vessel  
Lung

Pulmonary Artery Nos

Hypertrophy, Nos  
Congestion, Nos  
Hemorrhage

Lymph node  
Thymus

Mandibular Lymph Node

Congestion, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_033

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Intestine Small	Jejunum	Adenocarcinoma, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Nephrosis, Hydro
Lung		Hyperplasia, Nos
		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Cyst, Nos
	Thymic Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Leg	Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Periarteritis
Lung		Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_035

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_036

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_037

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
		Transitional-Cell Carcinoma
Lung		Congestion, Nos
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_038

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

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

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

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Cytoplasmic Vacuolization

Kidney

Pelvis

Hypertrophy, Nos

Lung

Calculus, Microscopic Examination

Prostate

Nephropathy

Thyroid

Congestion, Nos

Trachea

Hemorrhage

Cystadenoma, Nos

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_040

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_041

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
Prostate		Adenoma, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_042

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Empyema
		Inflammation, Nos
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_043

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Intestine Large  
Kidney  
Lung  
Thyroid

Pulmonary Artery Nos  
Colon

Cortical Adenoma  
Hypertrophy, Nos  
Parasitism  
Nephropathy  
Congestion, Nos  
Inflammation, Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_045

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

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

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

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Lung

Lymph node

Parathyroid gland

Atrium

Mesenteric Lymph Node

Thymic Lymph Node

Cortical Adenoma

Endocardiosis

Thrombosis, Nos

Glomerulonephritis, Nos

Inflammation, Interstitial

Hemorrhage

Hemorrhage

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_046

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Parathyroid gland

Cortex Nos

Hypertrophy, Nos  
Glomerulonephritis, Chronic  
Congestion, Nos  
Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_047

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hypertrophy, Focal  
Pheochromocytoma

Kidney

Cortex

Cyst, Nos  
Nephropathy  
Nephrosis, Hydro

Liver

Centrilobular

Congestion, Nos

Lung

Congestion, Nos

Lymph node

Mandibular Lymph Node

Hemorrhage

Parathyroid gland

Plasmacytosis

Pituitary gland

Hyperplasia, Nos

Spleen

Basophil Carcinoma

Testis

Hematopoiesis

Hemosiderosis

Atrophy, Nos

Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_048

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal

Intestine Large

Colon

Parasitism

Kidney

Pelvis

Hyperplasia, Epithelial

Lung

Nephropathy  
Nephrosis, Hydro

Salivary gland

Atelectasis  
Hemorrhage  
Hyperplasia, Adenomatous

Spleen

Edema, Nos

Thyroid

Hematopoiesis

Hemosiderosis

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_049

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Brain		Hemorrhage
		Necrosis, Focal
Kidney		Nephropathy
Lung		Atelectasis
	Alveoli	Hypertrophy, Nos
Spleen		Adhesion, Fibrous
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

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

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

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

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_051

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis

Hyperplasia, Nos  
Calculus, Microscopic Examination  
Nephropathy  
Congestion, Nos  
Hemorrhage

Lung  
Lymph node

Mesenteric Lymph Node

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_052

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

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

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

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**OBSERVATIONS**

Kidney  
Lung

Nephropathy  
Congestion, Nos  
Hemorrhage  
Hyperplasia, Lymphoid  
Hemosiderosis

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_053

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

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

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy
Lung		Edema, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_054

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

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

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

---

**OBSERVATIONS**

Kidney  
Lung  
Thymus

Nephropathy  
Congestion, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_055

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

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

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

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**OBSERVATIONS**

Kidney	Pelvis	Calculus, Microscopic Examination Nephropathy
Lung		Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_056

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

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

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

**OBSERVATIONS**

Heart		Inflammation, Chronic Mineralization
	Atrium	Thrombus, Fibrin
Kidney		Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Edema, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_057

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

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

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

**OBSERVATIONS**

Adrenal gland

Medulla  
Cortex Nos

Cortical Adenoma  
Hyperplasia, Focal  
Hypertrophy, Focal  
Pheochromocytoma

Blood vessel  
Intestine Large

Pulmonary Artery Nos  
Colon

Hypertrophy, Nos  
Parasitism

Kidney

Nephropathy

Lung

Congestion, Nos

Lymph node

Mesenteric Lymph Node

Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_058

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Thymoma, Benign

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_059

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Necrosis, Cortical Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Cecum, Colon	Inflammation, Nos
	Cecum, Colon	Ulcer, Nos
Kidney	Cortex	Cyst, Nos
		Glomerulonephritis, Chronic
	Pelvis	Hyperplasia, Epithelial
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Edema, Nos
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Seminal vesicle		Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Erosion
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage
	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_060

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis Papilla	Cyst, Nos Hyperplasia, Epithelial Mineralization Nephropathy Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial Mineralization
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_061

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Calculus, Microscopic Examination
	Cortex	Cyst, Nos
		Nephropathy
Liver	Bile Duct	Nephrosis, Hydro
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Pancreas		Inflammation, Interstitial
Parathyroid gland		Inflammation, Chronic
Spleen		Hyperplasia, Nos
		Hematopoiesis
Stomach	Glandular Stomach	Hemosiderosis
	Cardiac Stomach	Degeneration, Cystic
		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Mineralization
	Multiple Organs Nos	Hemorrhage
		Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_062

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Nos
Blood vessel	Cortex Nos Pulmonary Artery Nos Anterior Mediastinal Artery	Hypertrophy, Nos Hypertrophy, Nos Mineralization
Kidney		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Urinary bladder		Mineralization

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_063

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

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

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

**OBSERVATIONS**

Blood vessel	Aorta Nos Coronary Artery Nos	Mineralization Mineralization
Bone marrow		Myelopoiesis
Eye	Lacrimal Gland	Inflammation, Nos
Heart		Inflammation, Chronic Focal
Kidney		Glomerulonephritis, Chronic
Lung		Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Hemorrhage Hemosiderosis
Parathyroid gland		Inflammation, Chronic
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_064

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

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

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

**OBSERVATIONS**

Blood vessel  
Kidney  
Lung

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Abscess, Nos  
Bronchopneumonia, Nos  
Congestion, Nos  
Inflammation, Interstitial  
Inflammation, Nos  
Hemorrhage  
Hyperplasia, Nos

Lymph node  
Parathyroid gland

Bronchiole  
Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_065

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_066

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

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

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

**OBSERVATIONS**

Intestine Large  
Kidney  
Lung

Colon

Parasitism  
Nephropathy  
Atelectasis  
Inflammation, Interstitial  
Hemorrhage  
Squamous Cell Carcinoma  
Carcinoma, Nos, Uncertain Primary Or Metastatic  
C-Cell Adenoma

Lymph node  
Stomach  
Thymus  
Thyroid

Mandibular Lymph Node  
Cardiac Stomach

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_067

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Cortex Nos Pulmonary Artery Nos	Hypertrophy, Focal Hypertrophy, Nos
Eye	Cornea	Inflammation, Chronic
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_068

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Brain		Hemorrhage
		Necrosis, Nos
Heart	Atrium	Thrombosis, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_069

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Intestine Small	Mesentery Nos	Carcinoma, Nos, Metastatic
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Periarteritis
Lung		Atelectasis Granuloma, Foreign Body Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_070

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Cytoplasmic Vacuolization

Cortex Nos

Hyperplasia, Focal

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Kidney

Nephropathy

Lung

Nephrosis, Hydro

Congestion, Nos

Stomach

Glandular Stomach

Hemorrhage

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_071

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Inflammation, Nos
Lung		Bronchopneumonia, Nos
		Hemorrhage
		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_072

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Intestine Large	Cecum, Colon	Hyperplasia, Focal
Kidney	Cortex	Periarteritis
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Inflammation, Interstitial
		Periarteritis
Pancreas		Periarteritis
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach		Mineralization
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_073

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

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

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

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Cytoplasmic Vacuolization

Kidney

Pulmonary Artery Nos

Hypertrophy, Nos

Lung

Mineralization

Nephropathy

Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_074

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver		Necrosis, Focal Squamous Cell Carcinoma, Metastatic
Lung		Atelectasis
Lymph node		Cyst, Nos
Parathyroid gland		Hyperplasia, Nos
Peritoneum		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_075

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Cortex Nos	Hypertrophy, Focal
Epididymis	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Granuloma, Spermatic
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Infarct, Nos
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Edema, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
		Mineralization
Testis		Infarct, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_076

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Hemorrhage
Kidney		Glomerulonephritis, Chronic
Lung		Atelectasis
		Inflammation, Interstitial
		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Abscess, Nos
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_077

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis
Trachea	Gland	Mineralization Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_078

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Necrosis, Cortical
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Alveolar Macrophages Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Adenoma, Nos Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Back	Multiple Polyposis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_079

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Periarteritis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Adenoma
Spleen		Congestion, Nos
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_080

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Atelectasis Edema, Nos Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage
Urinary bladder		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_081

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cyst, Nos
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Periarteritis
Lung		Atelectasis
		Congestion, Nos
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Cyst, Nos
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Diffuse
		Atrophy, Focal
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_083

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas		Periarteritis
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Testis		Atrophy, Nos Periarteritis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_084

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Aspiration, Foreign Body
		Atelectasis
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_085

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
		Tubular-Cell Adenoma
Liver		Inflammation, Focal
Lung		Atelectasis
		Inflammation, Interstitial
Oral mucosa	Mouth Nos	Cyst, Epidermal Inclusion
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_086

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortex Nos

Cortex Nos

Blood vessel

Pulmonary Artery Nos

Intestine Large

Colon

Kidney

Lung

Cortical Adenoma

Cytoplasmic Vacuolization

Hyperplasia, Focal

Hypertrophy, Focal

Hypertrophy, Nos

Parasitism

Nephropathy

Atelectasis

Congestion, Nos

Inflammation, Interstitial

Salivary gland

Edema, Peripheral

Unspecified

Leg

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_087

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Atrium

Hyperplasia, Focal

Kidney

Pelvis

Thrombus, Organized

Hyperplasia, Epithelial

Nephropathy

Lung

Nephrosis, Hydro

Alveolar Macrophages

Congestion, Nos

Mammary gland

Fibroadenoma

Parathyroid gland

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_088

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Congestion, Nos
Nasal cavity		Hemorrhage
Salivary gland		Inflammation, Nos
Spleen		Edema, Peripheral
Trachea	Gland	Hemosiderosis
		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_089

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

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

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

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**OBSERVATIONS**

Blood vessel  
Kidney  
Lung  
  
Trachea

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Atelectasis  
Inflammation, Interstitial  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_090

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

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

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

**OBSERVATIONS**

Adrenal gland  
Blood vessel

Cortex Nos  
Pulmonary Artery Nos  
Pulmonary Artery Nos  
Sup.Panc-Duod.Artery

Kidney  
Lung

Parathyroid gland  
Stomach  
Trachea

Gland

Cytoplasmic Vacuolization  
Hypertrophy, Nos  
Mineralization  
Mineralization  
Nephropathy  
Congestion, Nos  
Foreign Body, Nos  
Hyperplasia, Nos  
Mineralization  
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_091

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

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

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

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Thymus		Hemorrhage

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_092

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Acute/Chronic
	Atrium	Thrombosis, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Nephrosis, Hydro
Lung		Hyperplasia, Nodular
		Aspiration, Foreign Body
		Hemorrhage
		Inflammation, Interstitial
		Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_093

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_094

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_095

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Hypertrophy, Nos Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Periarteritis
Lung		Atelectasis Inflammation, Interstitial Mineralization
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Papilloma, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_096

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Parathyroid gland		Adenoma, Nos Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_097

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

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

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

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**OBSERVATIONS**

Blood vessel  
Intestine Large  
Kidney  
Lung

Pulmonary Artery Nos  
Colon

Hypertrophy, Nos  
Parasitism  
Nephropathy  
Atelectasis  
Inflammation, Interstitial  
Hemorrhage  
Hyperplasia, Nos

Lymph node  
Parathyroid gland

Thymic Lymph Node

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_098

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
Lymph node	Thymic Lymph Node	Atelectasis
Pancreas	Islets	Hemorrhage
Pituitary gland		Islet-Cell Adenoma
Skin	Back	Basophil Carcinoma
Spleen		Cyst, Epidermal Inclusion
		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_099

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis
Lymph node	Pancreatic Lymph Node Mesenteric Lymph Node	Hemorrhage Periarteritis
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_100

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Adhesion, Fibrous Hematopoiesis Hyperplasia, Nodular Necrosis, Focal
Lung		Atelectasis Necrosis, Nos Squamous Cell Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hemorrhage Inflammation, Nos
Peritoneum		Hematopoiesis
Spleen		Degeneration, Cystic
Stomach	Glandular Stomach Cardiac Stomach	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_101

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar/Bronchiolar Carcinoma
		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Periarteritis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_102

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Lung

Pulmonary Artery Nos

Cortical Adenoma  
Hypertrophy, Nos  
Nephropathy  
Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_103

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Hyperplasia, Focal

Kidney

Cortex

Hypertrophy, Nos

Pelvis

Cyst, Nos

Hyperplasia, Epithelial

Lung

Nephropathy

Nasal cavity

Nephrosis, Hydro

Pancreas

Congestion, Nos

Parathyroid gland

Inflammation, Nos

Spleen

Periarteritis

Unspecified

Multiple Organs Nos

Hyperplasia, Nos

Hemosiderosis

Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_104

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Calculus, Microscopic Examination
		Nephropathy
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_105

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

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

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

---

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos
Kidney	
Lung	
Lymph node	Thymic Lymph Node
Thymus	

Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hemorrhage  
Congestion, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_106

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

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

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

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**OBSERVATIONS**

Lung		Congestion, Nos
		Inflammation, Interstitial
Trachea	Gland	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_107

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Cortex Nos Pulmonary Artery Nos Pulmonary Artery Nos	Hypertrophy, Focal Hypertrophy, Nos Mineralization
Esophagus		Parasitism
Kidney		Glomerulonephritis, Chronic
Lung		Inflammation, Interstitial
Pancreas		Inflammation, Chronic
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_108

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Intestine Large	Colon	Parasitism
	Colon	Periarteritis
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Spleen		Congestion, Nos
Stomach		Mineralization
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_109

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Cyst, Nos
Spleen		Congestion, Nos
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_110

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Inflammation, Nos
Intestine Large	Colon	Periarteritis
Kidney		Nephropathy
Lung		Atelectasis
Pancreas		Inflammation, Nos
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
		Periarteritis
Thyroid		C-Cell Adenoma
Unspecified	Adipose Tissue	Cyst, Nos
	Adipose Tissue	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_111

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

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

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

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**OBSERVATIONS**

Liver	Congestion, Nos
Lung	Congestion, Nos
	Hemorrhage
	Osteosarcoma, Uncertain Primary/Metastatic
Spleen	Hematopoiesis

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_112

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_113

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_114

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Medulla  
Cortex Nos

Cortical Adenoma  
Hemorrhage  
Hyperplasia, Focal  
Hyperplasia, Nos  
Pheochromocytoma

Intestine Large  
Intestine Small  
Kidney

Cecum, Colon  
Mesentery Nos

Periarteritis  
Periarteritis  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro

Liver  
Lung

Bile Duct

Inflammation, Nos  
Alveolar Macrophages  
Congestion, Nos  
Edema, Nos

Lymph node

Mesenteric Lymph Node  
Thymic Lymph Node

Congestion, Nos  
Hemorrhage

Pancreas  
Spleen

Periarteritis  
Hemorrhage  
Hemosiderosis

Thyroid  
Trachea

Follicle  
Gland

Dilatation, Nos  
Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_115

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal Pheochromocytoma, Malignant
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Periarteritis
Kidney	Pelvis	Calculus, Microscopic Examination Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Hemangioma
Lung		Alveolar Macrophages Hemorrhage Hyperplasia, Adenomatous Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_116

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_117

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Cortex	Cyst, Nos
		Nephropathy
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Cyst, Epidermal Inclusion
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_118

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Adenoma, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_119

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hypertrophy, Focal Pheochromocytoma, Malignant
Heart	Atrium Atrium	Thrombus, Fibrin Thrombus, Organized
Kidney		Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Edema, Nos Hemorrhage Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage Periarteritis
Pancreas		Hyperplasia, Nos
Parathyroid gland		Keratoacanthoma
Skin	Hip	Congestion, Nos Hematopoiesis Hemosiderosis
Spleen		Dilatation, Nos
Trachea	Gland	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_120

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

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

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

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**OBSERVATIONS**

Adrenal gland

Blood vessel

Kidney

Lung

Pulmonary Artery Nos

Mediastinal Artery Nos

Pelvis

Pheochromocytoma, Malignant

Hypertrophy, Nos

Mineralization

Calculus, Microscopic Examination

Nephropathy

Congestion, Nos

Inflammation, Interstitial

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_121

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

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

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Anterior Mediastinal Artery	Mineralization
Heart	Myocardium Nos	Inflammation, Acute
	Myocardium Nos	Inflammation, Chronic
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Glomerulonephritis, Chronic
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Spleen		Hemosiderosis
Stomach		Mineralization
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_122

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Congestion, Nos Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos Nephropathy
Liver		Cytoplasmic Vacuolization
Lung		Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pituitary gland		Chromophobe Adenoma
Testis	Tubule	Atrophy, Nos Degeneration, Nos Spermatocoele

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_123

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

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
  
Nasal cavity

Cortex Nos

Cytoplasmic Vacuolization  
Nephropathy  
Atelectasis  
Inflammation, Interstitial  
Hemorrhage

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_124

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

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

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

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**OBSERVATIONS**

Heart	Endocardium Nos Atrium	Fibrosis Thrombus, Organized Nephropathy Atelectasis Inflammation, Interstitial Periarteritis
Kidney		
Lung		
Unspecified	Multiple Organs Nos	Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_125

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Heart	Atrium	Thrombus, Fibrin
Kidney		Nephropathy
Lung		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_126

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Cytoplasmic Vacuolization

Cortex Nos

Hypertrophy, Focal

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Lung

Atelectasis

Pituitary gland

Inflammation, Interstitial

Thyroid

Basophil Carcinoma

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_127

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Periarteritis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:29  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_128

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Thymus		Periarteritis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_129

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Acinar-Cell Carcinoma
		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_130

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney		Nephropathy
Liver		Necrosis, Focal
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_131

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

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Focal  
Nephropathy  
Nephrosis, Hydro

Lung  
Pancreas

Islets

Congestion, Nos  
Hyperplasia, Nos  
Inflammation, Chronic  
Hemosiderosis

Spleen

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_132

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Nos Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Epididymis		Hemorrhage
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Capsule	Fibrosis Nephropathy Tubular-Cell Adenoma
Liver		Fibrosarcoma, Metastatic
Lung		Inflammation, Interstitial
Nasal cavity		Hemorrhage
Thyroid		C-Cell Adenoma
Unspecified	Hip	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_133

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Lymph node  
Parathyroid gland  
Thymus

Thymic Lymph Node

Cortical Adenoma  
Nephropathy  
Congestion, Nos  
Inflammation, Interstitial  
Hemorrhage  
Hyperplasia, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_134

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Inflammation, Focal
Lung	Bronchiole	Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Inflammation, Nos Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_136

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Nos Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination Nephropathy
Liver	Bile Duct Bile Duct	Hyperplasia, Nos Inflammation, Nos Periarteritis
Lung		Atelectasis Inflammation, Interstitial
Pancreas		Dilatation, Ducts Inflammation, Focal Periarteritis
Stomach		Mineralization
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_137

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Intestinal Tract	Adenocarcinoma, Nos
	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Glomerulonephritis, Chronic
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
		Periarteritis
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
		Mineralization
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_138

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_139

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Lipoidosis Necrosis, Focal
Lung		Alveolar Macrophages Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
Parathyroid gland		Adenoma, Nos Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Abscess, Nos Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_140

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

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

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

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**OBSERVATIONS**

Blood vessel  
Kidney  
Lung  
Parathyroid gland

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_141

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Cortical Adenoma  
Nephropathy  
Congestion, Nos  
Inflammation, Granulomatous  
Inflammation, Interstitial  
Hyperplasia, Nos

Parathyroid gland

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_142

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
	Bile Duct	Periarteritis
Lung		Hemorrhage
Nasal cavity		Hemorrhage
Pancreas		Inflammation, Chronic
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_143

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Abscess, Nos
	Cortex	Cyst, Nos
		Nephropathy
Lung		Nephrosis, Hydro
		Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hemorrhage
Spleen		Hyperplasia, Nos
		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_144

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

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

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

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**OBSERVATIONS**

Blood vessel  
Kidney

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Nephrosis, Hydro

Lung

Congestion, Nos  
Hemorrhage

Parathyroid gland  
Unspecified

Axilla

Hyperplasia, Nos  
Fibroma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_145

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
		Nephropathy
Lung		Atelectasis
		Inflammation, Interstitial
Pancreas		Inflammation, Focal
Parathyroid gland		Hyperplasia, Nos
Salivary gland		Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_146

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma  
Hyperplasia, Focal  
Pheochromocytoma

Heart  
Kidney

Endocardium Nos

Fibrosis  
Nephropathy  
Nephrosis, Hydro

Liver  
Lung

Bile Duct

Inflammation, Nos  
Congestion, Nos  
Hemorrhage  
Periarteritis

Lymph node  
Stomach

Mesenteric Lymph Node  
Glandular Stomach  
Cardiac Stomach

Hemorrhage  
Degeneration, Cystic  
Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_147

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Medulla

Cortical Adenoma  
Hyperplasia, Focal  
Hyperplasia, Focal

Kidney

Nephropathy

Lung

Congestion, Nos

Parathyroid gland

Hemorrhage

Spleen

Hyperplasia, Nos

Stomach

Cardiac Stomach

Hemosiderosis

Thymus

Cardiac Stomach

Hyperkeratosis

Hyperplasia, Epithelial

Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_148

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_150

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Organized
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos
Urinary bladder		Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_151

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Intestine Large	Colon	Parasitism
Intestine Small	Jejunum	Adenocarcinoma, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Adenocarcinoma, Nos, Metastatic
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Cyst, Nos Hyperplasia, Lymphoid Plasmacytosis Plasmacytosis
Peritoneum		Inflammation, Nos
Spleen		Hematopoiesis Hyperplasia, Lymphoid
Testis		Adenocarcinoma, Nos, Metastatic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_153

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Glomerulonephritis, Chronic
Lung		Nephrosis, Hydro
		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Adenoma
		Cyst, Hemorrhagic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_154

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Hyperplasia, Nos Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Periarteritis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_155

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Edema, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_156

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Spleen		Periarteritis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_157

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Medulla  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hyperplasia, Focal  
Hypertrophy, Focal

Kidney

Nephropathy  
Nephrosis, Hydro

Lymph node  
Pituitary gland

Mesenteric Lymph Node

Hemorrhage  
Basophil Carcinoma

Spleen  
Stomach

Cardiac Stomach

Hemosiderosis  
Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_158

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

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

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

**OBSERVATIONS**

Intestine Small  
Kidney  
Lung

Mesentery Nos

Hemangiosarcoma  
Nephropathy  
Alveolar Macrophages  
Atelectasis

Lymph node

Thymic Lymph Node  
Mesenteric Lymph Node

Hemorrhage  
Hyperplasia, Lymphoid  
Hyperplasia, Nos  
Hematopoiesis  
Hyperplasia, C Cell

Parathyroid gland  
Spleen  
Thyroid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_159

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

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

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

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Hemorrhage
		Inflammation, Interstitial
Pancreas		Inflammation, Focal
Stomach		Mineralization
Trachea	Gland	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_160

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Granuloma, Foreign Body Inflammation, Interstitial
Lymph node	Mandibular Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Carcinoma
Spleen		Hematopoiesis Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_161

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

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

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

**OBSERVATIONS**

Blood vessel	Aorta Nos	Mineralization
Eye	Lacrimal Gland	Inflammation, Chronic Focal
Heart		Inflammation, Chronic
		Mineralization
Kidney		Nephropathy
Lung		Alveolar Macrophages
		Emphysema, Nos
		Mineralization
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_162

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Intestine Small	Jejunum	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Periarteritis
Lung		Atelectasis
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Periarteritis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_163

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Medulla

Cytoplasmic Vacuolization

Blood vessel

Mediastinal Artery Nos

Hyperplasia, Focal

Lung

Mineralization

Alveolar/Bronchiolar Adenoma

Congestion, Nos

Inflammation, Interstitial

Lymph node

Mediastinal Lymph Node

Hemorrhage

Pancreas

Periarteritis

Parathyroid gland

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_164

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Pheochromocytoma

Kidney

Cortex

Cyst, Nos  
Nephropathy  
Nephrosis, Hydro

Lung

Inflammation, Interstitial  
Periarteritis

Lymph node

Thymic Lymph Node

Hemorrhage

Nasal cavity

Hemorrhage

Parathyroid gland

Hyperplasia, Nos

Stomach

Glandular Stomach  
Cardiac Stomach

Degeneration, Cystic  
Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_166

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_167

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

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

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

**OBSERVATIONS**

Kidney		Glomerulonephritis, Chronic
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Nasal cavity		Hemorrhage
Spleen		Congestion, Nos
Stomach		Mineralization
	Cardiac Stomach	Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_168

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Parathyroid gland		Tubular-Cell Adenoma
Stomach	Glandular Stomach	Hyperplasia, Nos
	Cardiac Stomach	Degeneration, Cystic
Trachea	Gland	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Dilatation, Nos
		Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_169

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney	Pelvis Cortex	Calculus, Microscopic Examination Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Hepatocytes	Hypertrophy, Focal
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_170

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

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

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

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Atelectasis
		Inflammation, Interstitial
Spleen		Hematopoiesis
Unspecified	Neck	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_171

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Skin		Keratoacanthoma
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_172

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_173

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

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

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

**OBSERVATIONS**

Adrenal gland

Blood vessel

Intestine Large

Kidney

Lung

Lymph node

Thyroid

Trachea

Cortex Nos

Pulmonary Artery Nos

Colon

Thymic Lymph Node

Gland

Cortical Adenoma

Cytoplasmic Vacuolization

Hypertrophy, Nos

Hypertrophy, Nos

Parasitism

Nephropathy

Atelectasis

Inflammation, Interstitial

Hemorrhage

Hyperplasia, C Cell

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_174

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Aspermatogenesis
		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_175

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Lung  
Parathyroid gland  
Urinary bladder

Cortex Nos  
Pulmonary Artery Nos

Cytoplasmic Vacuolization  
Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hyperplasia, Nos  
Retention Of Content

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_176

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Inflammation, Active Chronic
Heart	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial Necrosis, Focal
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_177

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cortical Adenoma Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Cytoplasmic Vacuolization
Lung		Hemorrhage Inflammation, Interstitial Necrosis, Focal
Lymph node	Renal Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_178

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Inflammation, Focal
Lung		Bronchopneumonia, Nos
		Congestion, Nos
		Inflammation, Interstitial
		Pneumonia, Aspiration
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Stomach		Periarteritis
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_180

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Kidney		Nephropathy
Liver		Periarteritis
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
Salivary gland		Hemorrhage
Thyroid		Edema, Peripheral
		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_181

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung	Bronchus	Atelectasis Fibrosis, Focal Hemorrhage Inflammation, Interstitial
Lymph node	Pancreatic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Urinary bladder	Serosa	Adenocarcinoma Nos Uncertain Primary/Metastatic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_182

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Inflammation, Nos
		Retinopathy
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Intestine Small	Jejunum	Adenocarcinoma, Nos
Kidney		Nephropathy
Lung		Atelectasis
		Inflammation, Interstitial
Nasal cavity		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Abdomen	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_183

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Hepatocellular Carcinoma Necrosis, Focal
Lung		Atelectasis Congestion, Nos Inflammation, Interstitial Periarteritis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas	Acinus	Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_184

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Tubule	Hemorrhage Nephropathy
Liver	Bile Duct	Inflammation, Focal Inflammation, Focal
Lung		Atelectasis Congestion, Nos Inflammation, Interstitial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_185

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye		Hemorrhage
	Cornea	Inflammation, Chronic
		Synechia, Anterior
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Skin		Basal-Cell Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_186

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Glomerulonephritis, Chronic
	Pelvis	Hyperplasia, Epithelial Nephrosis, Hydro
Liver		Periarteritis
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal Periarteritis
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_187

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Congestion, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_188

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Edema, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_189

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_191

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

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

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

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos
Kidney	
Lung	
Lymph node	Mandibular Lymph Node

Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hemorrhage  
Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_193

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

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

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

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Unspecified	Multiple Organs Nos	Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_195

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Cortex Nos Cortex	Hypertrophy, Focal Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Pancreatic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Papilloma, Nos
Unspecified		Neurofibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_196

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Salivary gland		Inflammation, Chronic
Skin		Squamous Cell Carcinoma
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_197

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma, Malignant
Kidney		Nephropathy
Lung		Edema, Nos Inflammation, Interstitial
Pancreas		Periarteritis
Spleen		Hemosiderosis
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_198

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Salivary gland		Edema, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_199

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma Pheochromocytoma, Malignant
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung		Necrosis, Focal Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage Hemorrhage Hemorrhage
Spleen Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach Cardiac Stomach	Hemosiderosis Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Thyroid		Papilloma, Nos C-Cell Adenoma C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_200

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortex Nos

Medulla

Pulmonary Artery Nos

Blood vessel

Heart

Intestine Large

Kidney

Colon

Lung

Lymph node

Pancreas

Mesenteric Lymph Node

Parathyroid gland

Thyroid

Cortical Adenoma

Hemorrhage

Hyperplasia, Focal

Hyperplasia, Focal

Hypertrophy, Nos

Mineralization

Adenocarcinoma, Nos

Hemorrhage

Nephropathy

Atelectasis

Periarteritis

Inflammation, Nos

Periarteritis

Hyperplasia, Nos

Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_201

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Thyroid		C-Cell Adenoma
Urinary bladder		Retention Of Content

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_202

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

Blood vessel

Pheochromocytoma

Heart

Pulmonary Artery Nos

Hypertrophy, Nos

Intestine Large

Atrium

Thrombus, Organized

Kidney

Colon

Parasitism

Liver

Nephropathy

Lung

Necrosis, Focal

Atelectasis

Inflammation, Interstitial

Parathyroid gland

Pigmentation, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_203

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_204

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
	Pulmonary Artery Nos	Mineralization
Kidney	Pelvis	Calculus, Microscopic Examination
		Nephropathy
Lung		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Papilloma, Nos
Urinary bladder		Retention Of Content

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_205

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
Parathyroid gland		Adenoma, Nos
Salivary gland		Edema, Nos
Spleen		Hematopoiesis
		Necrosis, Focal
Stomach	Glandular Stomach	Degeneration, Cystic
		Sarcoma, Nos
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_206

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Lung  
  
Parathyroid gland  
Spleen  
Stomach

Cortex Nos  
Mesenteric Artery Nos

Cytoplasmic Vacuolization  
Mineralization  
Glomerulonephritis, Chronic  
Congestion, Nos  
Hemorrhage  
Inflammation, Interstitial  
Hyperplasia, Nos  
Hemosiderosis  
Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_207

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

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

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Eye	Cornea	Inflammation, Nos
Heart	Myocardium Nos	Inflammation, Chronic
		Mineralization
Kidney	Pelvis	Calculus, Microscopic Examination
		Nephropathy
Lung		Atelectasis
		Foreign Body, Nos
		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Periarteritis
Pancreas		Inflammation, Nos
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization
Testis		Atrophy, Nos
Trachea		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_208

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

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

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

---

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Necrosis, Focal
Lung		Congestion, Nos
		Hemorrhage
Peritoneum		Inflammation, Fibrinous
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_210

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Fibrosis
		Fibrosis
		Hemorrhage
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Carcinoma, Nos, Metastatic
	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Peritoneum		Inflammation, Chronic
Pituitary gland		Basophil Adenoma
Spleen		Hematopoiesis
Stomach		Undifferentiated Carcinoma
Unspecified	Tail	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_211

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Mandibular Lymph Node	Cyst, Nos
	Pancreatic Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Peritoneum		Inflammation, Nos
Spleen		Congestion, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_213

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos Anterior Mediastinal Artery	Hypertrophy, Nos Mineralization
Kidney		Nephropathy
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_214

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hyperplasia, Adenomatous
		Inflammation, Interstitial
		Periarteritis
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Skin	Ear	Papilloma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_215

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_216

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Periarteritis
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Focal
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Mandibular Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Cardiac Stomach Glandular Stomach	Cyst, Nos Degeneration, Cystic
Testis		Atrophy, Nos Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_217

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos Nephropathy
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Testis		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos
Unspecified	Hip	Cyst, Epidermal Inclusion

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_218

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct Bile Duct Bile Duct Bile Duct	Adhesion, Fibrous Hyperplasia, Nos Inflammation, Chronic Inflammation, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas	Duct Nos	Inflammation, Chronic Inflammation, Chronic
Spleen		Hematopoiesis Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Periarteritis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_219

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Spleen		Hematopoiesis Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_220

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortical Carcinoma  
Pheochromocytoma, Malignant

Blood vessel

Sup.Panc-Duod.Artery

Hypertrophy, Nos

Kidney

Cortex

Cyst, Nos

Nephropathy

Nephrosis, Hydro

Lung

Atelectasis

Lymph node

Mesenteric Lymph Node

Hemorrhage

Parathyroid gland

Hyperplasia, Nos

Skin

Acanthosis

Hyperkeratosis

Spleen

Hemosiderosis

Stomach

Glandular Stomach

Degeneration, Cystic

Unspecified

Neurofibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_221

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

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

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

**OBSERVATIONS**

Adrenal gland

Medulla

Cortical Adenoma

Kidney

Cortex

Hyperplasia, Focal

Pelvis

Cyst, Nos

Hyperplasia, Epithelial

Nephropathy

Lung

Nephrosis, Hydro

Alveolar Macrophages

Congestion, Nos

Hemorrhage

Lymph node

Mandibular Lymph Node

Cyst, Nos

Mammary gland

Galactocele

Pituitary gland

Basophil Adenoma

Spleen

Hemosiderosis

Thyroid

C-Cell Adenoma

Urinary bladder

Follicular-Cell Adenoma

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_222

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cortical Adenoma Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Pelvis Pelvis	Calculus, Microscopic Examination Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node Mandibular Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hemorrhage Hemorrhage
Pancreas	Islets	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_223

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Islets	Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_225

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

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Cyst, Nos
		Nephropathy
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_228

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Congestion, Nos
		Pneumonia, Aspiration
Lymph node	Thymic Lymph Node	Hemorrhage
Salivary gland		Edema, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_229

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Epididymis		Granuloma, Spermatic
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Nasal cavity		Empyema Hemorrhage Inflammation, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_230

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

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

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

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**OBSERVATIONS**

Kidney

Glomerulonephritis, Chronic

Lung

Nephrosis, Hydro

Stomach

Atelectasis

Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_231

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Granuloma, Foreign Body
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_232

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

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

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

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Unspecified	Leg	Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_233

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Prostate		Edema, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_234

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

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

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

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Intestine Large  
Kidney  
  
Lung  
Parathyroid gland  
Spleen  
Thyroid

Pulmonary Artery Nos  
Colon  
Pelvis

Pheochromocytoma, Malignant  
Hypertrophy, Nos  
Parasitism  
Calculus, Microscopic Examination  
Nephropathy  
Congestion, Nos  
Hyperplasia, Nos  
Hemosiderosis  
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_235

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

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

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

**OBSERVATIONS**

Adrenal gland

Blood vessel

Kidney

Lung

Lymph node

Stomach

Pulmonary Artery Nos

Pelvis

Thymic Lymph Node

Cardiac Stomach

Cortical Adenoma

Hypertrophy, Nos

Calculus, Microscopic Examination

Nephropathy

Congestion, Nos

Hemorrhage

Hemorrhage

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_236

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Pheochromocytoma

Blood vessel  
Kidney

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Nephrosis, Hydro

Lung

Alveolar Macrophages  
Congestion, Nos

Lymph node  
Spleen

Mesenteric Lymph Node

Hemorrhage  
Hemorrhage  
Hemorrhage

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_237

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos
		Hyperplasia, Tubular Cell
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Pancreas	Islets	Islet-Cell Adenoma
		Periarteritis
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_238

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Lung  
Urinary bladder

Pulmonary Artery Nos

Pheochromocytoma  
Hypertrophy, Nos  
Nephropathy  
Hemorrhage  
Retention Of Content

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_239

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

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

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

---

**OBSERVATIONS**

Blood vessel  
Kidney  
Lung  
Stomach

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Hemorrhage  
Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_240

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Heart	Atrium	Hypertrophy, Nos
Kidney		Thrombus, Organized
		Hyperplasia, Tubular Cell
Liver		Nephropathy
		Hemorrhage
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Atelectasis
		Inflammation, Interstitial
Pancreas		Inflammation, Nos
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach		Edema, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_241

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Congestion, Nos
		Hemorrhage
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_242

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Calculus, Microscopic Examination
		Nephropathy
Liver	Bile Duct	Cyst, Nos
Lung		Atelectasis
		Inflammation, Interstitial
Pancreas		Inflammation, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Carcinoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_243

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Pheochromocytoma

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Kidney

Pelvis

Hyperplasia, Epithelial

Liver

Bile Duct

Nephropathy

Lung

Nephrosis, Hydro

Hyperplasia, Nos

Atelectasis

Congestion, Nos

Hemorrhage

Lymph node

Mesenteric Lymph Node

Hemorrhage

Stomach

Cardiac Stomach

Hyperplasia, Epithelial

Thyroid

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_244

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

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

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

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Hypertrophy, Focal

Lung

Nephropathy

Congestion, Nos

Edema, Nos

Lymph node

Mandibular Lymph Node

Hemorrhage

Spleen

Congestion, Nos

Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_245

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Edema, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pituitary gland		Basophil Carcinoma
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_246

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal

Intestine Large

Colon

Parasitism

Kidney

Pelvis

Hyperplasia, Epithelial

Liver

Bile Duct

Nephropathy

Lung

Nephrosis, Hydro

Hyperplasia, Nos

Congestion, Nos

Lymph node

Thymic Lymph Node

Hemorrhage

Pancreas

Mesenteric Lymph Node

Cyst, Nos

Spleen

Hemorrhage

Inflammation, Chronic Focal

Stomach

Cardiac Stomach

Hemosiderosis

Thymus

Hyperkeratosis

Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_247

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

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

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

**OBSERVATIONS**

Adrenal gland

Kidney

Lung

Lymph node

Spleen

Thyroid

Cortex Nos

Pelvis

Mesenteric Lymph Node

Cortical Adenoma

Hypertrophy, Focal

Calculus, Microscopic Examination

Nephropathy

Congestion, Nos

Hemorrhage

Hemosiderosis

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_248

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Blood vessel	Hepatic Artery Pulmonary Artery Nos	Hypertrophy, Nos Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Thrombus, Organized
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_249

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis Cortex	Calculus, Microscopic Examination Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_250

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

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

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

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**OBSERVATIONS**

Kidney  
Lung  
Spleen

Nephropathy  
Congestion, Nos  
Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_251

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

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

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

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Lung  
  
Pancreas  
Parathyroid gland  
Spleen

Pulmonary Artery Nos

Cortical Adenoma  
Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Inflammation, Interstitial  
Necrosis, Focal  
Hyperplasia, Nos  
Hematopoiesis

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_252

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Cortical Adenoma Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_253

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Cyst, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified		Fibrosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_254

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

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

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

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_255

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Necrosis, Focal
Lung		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_256

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Cortical Adenoma Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Atelectasis Hemorrhage Inflammation, Interstitial
Lung		
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_257

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_258

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
		Tubular-Cell Adenoma
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_259

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Parathyroid gland		Hyperplasia, Nos
Skin		Squamous Cell Carcinoma
Urinary bladder		Mineralization

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_260

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

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

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Periarteritis
		Pneumonia, Aspiration
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_261

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Hyperplasia, Focal

Heart

Kidney

Pelvis

Hypertrophy, Nos

Fibrosarcoma

Calculus, Microscopic Examination

Liver

Centrilobular

Nephropathy

Lung

Congestion, Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_262

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Necrosis, Focal Pheochromocytoma
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_263

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Esophagus  
Kidney  
Lung  
  
Urinary bladder

Cortex Nos  
Pulmonary Artery Nos

Cytoplasmic Vacuolization  
Hypertrophy, Nos  
Periarteritis  
Nephropathy  
Congestion, Nos  
Hyperplasia, Lymphoid  
Retention Of Content

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_264

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

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

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

**OBSERVATIONS**

Blood vessel  
Kidney

Pulmonary Artery Nos  
Pelvis  
Cortex  
Pelvis

Hypertrophy, Nos  
Calculus, Microscopic Examination  
Cyst, Nos  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Hemorrhage  
Papilloma, Nos  
Congestion, Nos

Lung

Lymph node  
Skin  
Spleen

Mesenteric Lymph Node

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_266

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
Lung		Congestion, Nos
		Hemorrhage
Lymph node		Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
		Hemorrhage
Parathyroid gland		Adenoma, Nos
Stomach	Cardiac Stomach	Abscess, Nos
	Cardiac Stomach	Cyst, Epidermal Inclusion
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Papilloma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_267

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

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

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

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney

Cortex Nos  
Pulmonary Artery Nos  
Pelvis

Hypertrophy, Focal  
Hypertrophy, Nos  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Hemorrhage

Lung

Thymus

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_269

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

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

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

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**OBSERVATIONS**

Eye		Carcinoma, Nos, Invasive
Kidney		Nephropathy
Lung		Atelectasis
		Carcinoma, Nos, Metastatic
Nasal cavity		Carcinoma, Nos
Unspecified	Head	Carcinoma, Nos, Invasive

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_270

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
		Nephropathy
Liver	Capsule	Fibrosis
Lung		Congestion, Nos
		Hyperplasia, Lymphoid
Urinary bladder		Retention Of Content

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_272

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Lacrimal Gland	Inflammation, Chronic
Heart	Atrium	Thrombus, Organized
Kidney		Nephropathy
Lung		Atelectasis
		Inflammation, Interstitial
Pancreas		Periarteritis
Spleen		Congestion, Nos
		Hematopoiesis
Thyroid		Periarteritis
Unspecified	Thoracic Cavity Nos	Carcinoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_273

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney		Infarct, Healed
		Nephropathy
Liver	Portal Tract	Fibrosis, Focal
Lung		Congestion, Nos
		Granuloma, Foreign Body

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_274

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hypertrophy, Focal Pheochromocytoma
Kidney	Pelvis	Calculus, Microscopic Examination Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Hyperplasia, Adenomatous
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_275

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

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

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

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Atelectasis
		Congestion, Nos
Peritoneum		Inflammation, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
		Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_276

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

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

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

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
  
Lung

Cortex Nos  
Pulmonary Artery Nos

Hyperplasia, Focal  
Hypertrophy, Nos  
Hemangiosarcoma  
Nephropathy  
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_277

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Hepatic Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Carcinoma, Nos, Uncertain Primary Or Metastatic Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_278

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

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

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Salivary gland		Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_279

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

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

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

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Cytoplasmic Vacuolization

Kidney

Papilla

Hypertrophy, Nos

Lung

Lymph node

Mesenteric Lymph Node

Mineralization

Nephropathy

Congestion, Nos

Hemorrhage

Hemorrhage

Parathyroid gland

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_280

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney		Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_281

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Pheochromocytoma

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Heart

Atrium

Thrombus, Fibrin

Kidney

Nephropathy

Lung

Inflammation, Interstitial

Parathyroid gland

Hyperplasia, Nos

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_282

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_283

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

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

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

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
	Thymic Lymph Node	Mineralization
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach		Mineralization

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_284

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

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

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

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Intestine Large	Submucosa, Colon	Edema, Nos
	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Focal
		Nephropathy
		Nephrosis, Hydro
Lung		Aspiration, Foreign Body
		Bronchopneumonia, Nos
		Congestion, Nos
		Hemorrhage
	Bronchiole	Inflammation, Nos
Testis		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_286

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

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

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Necrosis, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
Testis		Atrophy, Nos
		Periarteritis
Thyroid		C-Cell Adenoma
		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_287

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Hyperplasia, Nodular
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_288

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
		Cyst, Nos
		Glomerulonephritis, Chronic
Lung		Nephrosis, Hydro
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Necrosis, Hemorrhagic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_289

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

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

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

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Glomerulonephritis, Chronic
Lung		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Mineralization
Spleen		Hemosiderosis
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_290

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

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage Inflammation, Interstitial
Parathyroid gland Thyroid		Inflammation, Nos C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_291

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

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

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
	Anterior Mediastinal Artery	Mineralization
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_292

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_293

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos Mesenteric Artery Nos	Hypertrophy, Nos Mineralization
Kidney		Nephropathy
Liver	Centrilobular	Necrosis, Hemorrhagic
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Nasal cavity		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_294

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos Inflammation, Chronic
Heart	Atrium	Thrombus, Fibrin Cyst, Nos Nephropathy Nephrosis, Hydro
Kidney		Hemorrhage Inflammation, Interstitial
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_295

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Alveolar/Bronchiolar Adenoma Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Hyperplasia, Nodular
Skin		Keratoacanthoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_296

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Medulla

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hyperplasia, Focal  
Pheochromocytoma

Kidney

Pelvis

Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro

Lung

Atelectasis  
Congestion, Nos  
Granuloma, Foreign Body  
Hemorrhage  
Inflammation, Interstitial  
Periarteritis

Parathyroid gland

Trachea

Gland

Hyperplasia, Nos  
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_297

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Medulla

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hyperplasia, Focal

Blood vessel

Cortex Nos

Hypertrophy, Focal

Kidney

Pulmonary Artery Nos

Hypertrophy, Nos

Cortex

Cyst, Nos

Glomerulonephritis, Chronic

Lung

Nephrosis, Hydro

Alveolar Macrophages

Edema, Nos

Hemorrhage

Lymph node

Mandibular Lymph Node

Hemorrhage

Mesenteric Lymph Node

Hemorrhage

Pancreas

Inflammation, Chronic Focal

Parathyroid gland

Hyperplasia, Nos

Spleen

Hematopoiesis

Stomach

Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_299

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_300

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Duodenum	Periarteritis
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Hepatocellular Carcinoma
Lung		Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Salivary gland		Edema, Peripheral

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_301

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Skin		Basal-Cell Tumor
Spleen		Hematopoiesis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_302

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Hemorrhage
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_303

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Glomerulonephritis, Chronic Nephrosis, Hydro
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_304

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Cortex	Cyst, Nos
		Nephropathy
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_305

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla Cortex Nos	Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Intestine Large Kidney	Colon Cortex	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Congestion, Nos Edema, Nos Hemorrhage
Lymph node Nasal cavity Pancreas Trachea	Thymic Lymph Node   Gland	Hemorrhage Hemorrhage Periarteritis Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_306

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_307

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Kidney		Cyst, Nos Glomerulonephritis, Chronic
Lung		Nephrosis, Hydro Atelectasis Hemorrhage Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_308

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma
Intestine Large Kidney	Colon	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Inflammation, Focal Necrosis, Focal
Lung		Atelectasis Congestion, Nos Edema, Nos
Lymph node Parathyroid gland Pituitary gland Thyroid	Mesenteric Lymph Node	Hemorrhage Hyperplasia, Nos Basophil Carcinoma C-Cell Adenoma Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_309

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Intestine Large  
Kidney  
Lung

Pulmonary Artery Nos  
Colon

Necrosis, Cortical  
Hypertrophy, Nos  
Parasitism  
Nephropathy  
Atelectasis  
Congestion, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_310

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal

Kidney

Cortex  
Pelvis

Cyst, Nos  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro

Liver

Lung

Cytoplasmic Vacuolization  
Alveolar Macrophages  
Atelectasis

Spleen

Stomach

Glandular Stomach

Hemorrhage  
Hemosiderosis  
Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_311

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Edema, Nos Hemorrhage Periarteritis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Nasal cavity		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic Periarteritis
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_312

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos Sup.Panc-Duod.Artery	Hypertrophy, Nos Hypertrophy, Nos
Kidney		Cyst, Nos Glomerulonephritis, Chronic
Lung		Nephrosis, Hydro Atelectasis Hemorrhage Inflammation, Interstitial
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach		Mineralization
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_313

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Cytoplasmic Vacuolization
		Inflammation, Focal
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_315

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Hyperplasia, Focal

Lung

Nephropathy

Spleen

Congestion, Nos

Hemorrhage

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_316

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_318

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Periarteritis
		Hyperplasia, Nos
		Periarteritis
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_319

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
Liver		Nephrosis, Hydro
Lung		Necrosis, Focal
		Hemorrhage
		Inflammation, Interstitial
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH** -

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_320

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
		Hemorrhage
		Necrosis, Focal
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Mammary gland		Edema, Nos
Skin	Dermis	Edema, Nos
Spleen		Congestion, Nos
		Hematopoiesis
Thyroid		C-Cell Adenoma
Unspecified		Edema, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_321

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Kidney	Pelvis	Hypertrophy, Nos
	Pelvis	Calculus, Microscopic Examination
		Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Pneumonia, Aspiration
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_322

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Kidney	Tubule	Hypertrophy, Nos
		Cast, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Granuloma, Foreign Body
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
		Mineralization
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage
	Multiple Organs Nos	Periarteritis
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_323

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Kidney	Cortex	Hypertrophy, Nos
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Skin		Cyst, Epidermal Inclusion
		Foreign Body, Reaction
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_324

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Coronary Artery Nos	Mineralization
Eye		Empyema
	Cornea	Ulcer, Nos
Heart		Fibrosis
Kidney		Cyst, Nos
		Glomerulonephritis, Chronic
		Nephrosis, Hydro
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
	Thymic Lymph Node	Atrophy, Nos
	Thymic Lymph Node	Hemorrhage
	Thymic Lymph Node	Mineralization
	Mesenteric Lymph Node	Periarteritis
Spleen		Hemosiderosis
Stomach		Mineralization
Testis		Atrophy, Nos
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_325

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla Cortex Nos	Hyperplasia, Focal Hypertrophy, Nos Necrosis, Cortical Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos Nephropathy
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_326

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Hypertrophy, Nos
	Atrium	Inflammation, Chronic Focal
Kidney	Cortex	Thrombus, Fibrin
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Pancreas	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Unspecified	Abdominal Cavity	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_327

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
	Thymic Lymph Node	Periarteritis
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos
Unspecified	Chest	Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_328

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Aspermatogenesis
		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_329

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_330

**TRT#:** 1  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_421

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Heart	Atrium	Thrombus, Fibrin
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Pneumonia, Aspiration
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach		Cyst, Nos
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_422

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

Kidney

Pelvis

Pheochromocytoma

Hyperplasia, Epithelial

Nephropathy

Nephrosis, Hydro

Lung

Alveolar Macrophages

Atelectasis

Hemorrhage

Lymph node

Thymic Lymph Node

Hemorrhage

Spleen

Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_423

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Aspermatogenesis
		Atrophy, Nos
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_424

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Atelectasis
		Congestion, Nos
Lymph node	Thymic Lymph Node	Cyst, Nos
Skin		Keratoacanthoma
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_425

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial Infarct, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_426

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Intestine Large Kidney	Colon	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_427

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_428

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Infarct, Nos
Liver	Bile Duct	Nephropathy
		Hyperplasia, Nos
Lung		Inflammation, Focal
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Mandibular Lymph Node	Cyst, Nos
	Mandibular Lymph Node	Hemorrhage
Skin		Keratoacanthoma
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_429

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Focal
Lung		Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_430

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Pancreas		Inflammation, Chronic Focal
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Involution, Nos
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_431

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_432

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Heart  
Intestine Large  
Kidney

Medulla  
Pulmonary Artery Nos  
Myocardium Nos  
Colon

Hyperplasia, Focal  
Hypertrophy, Nos  
Inflammation, Chronic Focal  
Parasitism  
Nephropathy  
Nephrosis, Hydro  
Inflammation, Chronic Focal  
Hyperkeratosis  
Congestion, Nos  
Hemorrhage

Pancreas  
Stomach  
Unspecified

Cardiac Stomach  
Multiple Organs Nos  
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_433

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemosiderosis
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_434

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Eye	Cornea	Inflammation, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_435

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos
Unspecified	Abdomen	Cyst, Epidermal Inclusion
	Abdomen	Foreign Body, Reaction

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_436

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Hyperplasia, Lymphoid
		Inflammation, Interstitial
Salivary gland		Edema, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_437

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_438

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
Pituitary gland		Basophil Adenoma
Skeletal muscle	Hip/Thigh	Inflammation, Chronic Focal
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_439

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos
Unspecified	Hip	Cyst, Epidermal Inclusion

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_440

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
		Nephrosis, Hydro
Pancreas	Acinus	Atrophy, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_441

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Cortical Adenoma Hyperplasia, Focal Pheochromocytoma
Intestine Large	Colon	Parasitism
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Periarteritis
Salivary gland		Cystic Ducts Edema, Nos Inflammation, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_442

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Alveolar Macrophages
		Congestion, Nos
Mammary gland		Adenocarcinoma, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_443

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung		Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_444

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Pheochromocytoma

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Intestine Large

Colon

Parasitism

Kidney

Cortex

Cyst, Nos  
Nephropathy  
Nephrosis, Hydro

Lung

Atelectasis  
Congestion, Nos

Lymph node

Mesenteric Lymph Node

Hemorrhage  
Hemorrhage

Spleen

Hemosiderosis

Thymus

Involution, Nos

Thyroid

C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_445

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Kidney		Hypertrophy, Nos
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
Lymph node	Thymic Lymph Node	Inflammation, Interstitial
Salivary gland		Hyperplasia, Lymphoid
Spleen		Edema, Nos
Stomach	Glandular Stomach	Hemosiderosis
	Cardiac Stomach	Degeneration, Cystic
Trachea	Gland	Hyperplasia, Epithelial
		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_446

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye		Synechia, Anterior
		Synechia, Posterior
	Cornea	Ulcer, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Skin		Squamous Cell Carcinoma
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_447

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node Mesenteric Lymph Node	Cyst, Nos Hemorrhage
Salivary gland		Edema, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_448

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Alveolar Macrophages
		Atelectasis
		Granuloma, Foreign Body
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_449

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Bronchopneumonia, Nos Hemorrhage Hyperplasia, Lymphoid Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_450

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_451

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cyst, Nos Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_452

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
		Cast, Nos
		Inflammation, Interstitial
Liver		Necrosis, Focal
Lung		Atelectasis
		Inflammation, Interstitial
Spleen		Hematopoiesis
Unspecified	Abdominal Cavity	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_453

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal
Kidney		Nephropathy
Lung		Congestion, Nos Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_454

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Cortex Nos  
Colon

Hyperplasia, Focal

Parasitism

Nephropathy

Nephrosis, Hydro

Liver

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Nasal cavity

Hemorrhage

Skin

Squamous Cell Carcinoma

Stomach

Cardiac Stomach

Acanthosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:30  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_455

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_456

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Kidney  
Lung  
Unspecified

Colon  
  
  
Leg

Parasitism  
Nephropathy  
Atelectasis  
Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_457

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Tubular-Cell Adenocarcinoma
		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemosiderosis
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_458

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Interstitial
Lung		Aspiration, Foreign Body Atelectasis Foreign Body, Reaction Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node Mesenteric Lymph Node	Cyst, Nos Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Abdomen	Neurofibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_459

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Congestion, Nos
Lung		Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach		Cyst, Nos
Thymus	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Hemorrhage Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_460

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Ganglioneuroma
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
		Hyperkeratosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_461

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_462

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Kidney		Cyst, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_463

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Kidney  
Liver  
Mammary gland  
Parathyroid gland  
Spleen

Colon

Parasitism  
Nephropathy  
Inflammation, Focal  
Fibroadenoma  
Hyperplasia, Nos  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_464

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Anterior Chamber	Hemorrhage
	Cornea	Ulcer, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Periarteritis
Lung		Alveolar Macrophages Atelectasis Fibrosis, Focal Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Urinary bladder		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_465

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney  
Lung

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Pneumonia, Lipid  
Hemorrhage  
Hyperplasia, Reticulum Cell  
Hyperplasia, Nos

Lymph node

Mesenteric Lymph Node  
Mesenteric Lymph Node

Parathyroid gland

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_466

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney		Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Aspiration, Foreign Body Atelectasis Bronchopneumonia, Nos Congestion, Nos Granuloma, Foreign Body Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_467

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hyperplasia, Epithelial

Kidney

Pelvis

Inflammation, Interstitial  
Nephrosis, Hydro

Lung

Alveolar Macrophages  
Atelectasis  
Congestion, Nos

Lymph node

Thymic Lymph Node

Hemorrhage  
Hemorrhage

Spleen

Hemosiderosis

Trachea

Gland

Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_468

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cyst, Nos
Brain		Basophil Carcinoma, Invasive
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pituitary gland		Basophil Carcinoma
Salivary gland		Edema, Nos
		Hyperplasia, Focal
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Urinary bladder		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_469

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Interstitial
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos
Unspecified	Back	Cyst, Epidermal Inclusion

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_470

**TRT#:** 2  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Sup.Panc-Duod.Artery	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Periarteritis
Lung		Congestion, Nos
		Edema, Nos
		Pneumonia, Aspiration
		Pneumonia, Lipid
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Periarteritis
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_551

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hemorrhage
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Kidney	Cortex	Hypertrophy, Nos
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Liver	Centrilobular	Nephrosis, Hydro
Lung		Congestion, Nos
		Congestion, Nos
Parathyroid gland		Hemorrhage
Spleen		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hemosiderosis
Thymus		Hyperkeratosis
Thyroid		Hemorrhage
		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_552

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Atelectasis
		Hemorrhage
Oral mucosa		Inflammation, Interstitial
Spleen		Squamous Cell Carcinoma
Stomach	Glandular Stomach	Congestion, Nos
	Cardiac Stomach	Degeneration, Cystic
Testis		Hyperplasia, Epithelial
		Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_553

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Cytoplasmic Vacuolization

Intestine Large

Colon

Hypertrophy, Nos

Kidney

Parasitism

Cyst, Nos

Lung

Nephropathy

Congestion, Nos

Hemorrhage

Lymph node

Mesenteric Lymph Node

Inflammation, Interstitial

Parathyroid gland

Hemorrhage

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_554

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hypertrophy, Focal  
Pheochromocytoma

Intestine Large

Colon

Parasitism

Kidney

Cortex  
Pelvis

Cyst, Nos  
Hyperplasia, Epithelial  
Nephropathy

Liver

Bile Duct

Nephrosis, Hydro

Lung

Hyperplasia, Nos

Spleen

Atelectasis

Stomach

Glandular Stomach  
Cardiac Stomach

Hemorrhage

Inflammation, Interstitial

Thyroid

Hemosiderosis

Degeneration, Cystic

Hyperplasia, Epithelial

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_555

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Liver		Hematopoiesis
Lung		Atelectasis
Spleen		Hematopoiesis
Unspecified	Abdomen	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_556

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye		Retinopathy
Kidney		Nephropathy
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_557

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Pheochromocytoma, Malignant
Intestine Small	Mesentery Nos	Periarteritis
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node Mesenteric Lymph Node	Cyst, Nos Hemorrhage Periarteritis
Pancreas		Inflammation, Chronic Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_558

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal

Kidney

Nephropathy  
Nephrosis, Hydro

Liver

Bile Duct

Inflammation, Nos  
Alveolar Macrophages

Lung

Atelectasis

Lymph node

Mesenteric Lymph Node

Hemorrhage

Stomach

Cardiac Stomach

Hemorrhage  
Hyperkeratosis

Cardiac Stomach

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_559

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma, Malignant
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro Periarteritis
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_560

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Pheochromocytoma
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Calculus, Microscopic Examination Nephropathy Nephrosis, Hydro
Liver		Hepatocellular Carcinoma
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Pancreatic Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_561

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Pheochromocytoma, Malignant

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Kidney

Cyst, Nos

Nephropathy

Nephrosis, Hydro

Lung

Atelectasis

Inflammation, Interstitial

Lymph node

Mesenteric Lymph Node

Hemorrhage

Parathyroid gland

Hyperplasia, Nos

Spleen

Hemosiderosis

Testis

Atrophy, Focal

Mineralization

Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_562

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Cortex Nos	Hypertrophy, Focal
Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Thymoma, Benign

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_563

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_564

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Abdominal Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Peritoneum		Fibrosis, Focal
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Papilloma, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_565

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney		Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Pyelonephritis, Acute
		Atelectasis
		Congestion, Nos
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Urinary bladder		Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_566

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Pituitary gland		Basophil Carcinoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_567

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hypertrophy, Focal  
Cyst, Nos  
Hyperplasia, Tubular Cell  
Nephropathy  
Nephrosis, Hydro

Liver  
Lung

Bile Duct

Inflammation, Nos  
Aspiration, Foreign Body  
Atelectasis  
Granuloma, Foreign Body

Lymph node  
Spleen  
Thyroid  
Trachea

Thymic Lymph Node

Hemorrhage  
Hemosiderosis  
Hyperplasia, C Cell  
Dilatation, Nos

Gland

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_568

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Organized
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Cytoplasmic Vacuolization
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_569

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Nephropathy
Lung	Atelectasis
	Fibrosarcoma, Metastatic
	Inflammation, Interstitial
Spleen	Hematopoiesis
Unspecified	Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_570

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Tubular-Cell Adenocarcinoma
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_571

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney		Abscess, Nos
		Nephropathy
Lung		Alveolar Macrophages
		Inflammation, Interstitial
Nasal cavity		Infection, Fungal
		Inflammation, Chronic
Skin		Squamous Cell Carcinoma
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_572

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Cortex Nos Pelvis	Hypertrophy, Focal Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Atelectasis Congestion, Nos Inflammation, Interstitial
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_573

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
		Hematopoiesis
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver	Periportal	Cytoplasmic Vacuolization
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach		Mineralization
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_574

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Thymoma, Benign

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_575

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Inflammation, Focal
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Mammary gland		Adenocarcinoma, Nos
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Ear	Neurofibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_576

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
Lung		Atelectasis
		Emphysema, Nos
		Hyperplasia, Lymphoid
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Salivary gland		Edema, Peripheral
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_577

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_579

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hypertrophy, Focal Pheochromocytoma
Epididymis		Granuloma, Spermatic
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hyperplasia, Lymphoid Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Cyst, Nos Hemorrhage Periarteritis
Pancreas		Hyperplasia, Nos
Parathyroid gland		Edema, Peripheral
Salivary gland		Inflammation, Chronic
Stomach		Mineralization
Testis		Atrophy, Nos Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_580

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Inflammation, Focal
		Necrosis, Focal
Lung		Atelectasis
		Hemorrhage
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
Skin		Foreign Body, Reaction
Spleen		Congestion, Nos
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_581

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro Tubular-Cell Adenocarcinoma
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Periarteritis
Urinary bladder		Hyperplasia, Epithelial Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_582

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos Hemorrhage Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_583

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_584

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Kidney	Cortex	Hypertrophy, Nos
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos
Unspecified	Shoulder	Cyst, Epidermal Inclusion
	Shoulder	Foreign Body, Reaction

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_585

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Focal
Lung		Congestion, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Salivary gland		Edema, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid	Cardiac Stomach	Hyperplasia, Epithelial C-Cell Adenoma
Trachea	Gland	Hyperplasia, C Cell Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_586

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Edema, Nos Granuloma, Nos Hemorrhage Inflammation, Interstitial
Parathyroid gland	Bronchiole	Inflammation, Nos Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_587

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
		Nephrosis, Hydro
Liver		Necrosis, Coagulative
Lung	Bronchiole	Granuloma, Foreign Body
		Granuloma, Nos
		Hemorrhage
		Hyperplasia, Lymphoid
Salivary gland		Hyperplasia, Lymphoid
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_588

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Small	Mesentery Nos	Hemorrhage
	Mesentery Nos	Periarteritis
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Pancreas		Inflammation, Chronic
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_589

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Kidney	Cortex	Hypertrophy, Nos
		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Skin		Basal-Cell Tumor
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_590

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Stomach	Cardiac Stomach	Papilloma, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_591

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Hemorrhage Periarteritis
Pancreas Parathyroid gland Spleen Stomach	Duct Nos Glandular Stomach Cardiac Stomach	Inflammation, Nos Hyperplasia, Nos Hemosiderosis Degeneration, Cystic Hyperplasia, Epithelial Periarteritis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_592

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney		Hemorrhage
		Nephropathy
		Nephrosis, Hydro
Liver		Congestion, Nos
Lung		Atelectasis
		Congestion, Nos
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_593

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos Hyperplasia, Nos
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_594

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Eye		Hemorrhage
	Cornea	Inflammation, Active Chronic
		Retinopathy
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Spleen		Congestion, Nos
		Hemosiderosis
Thyroid		Hyperplasia, Adenomatous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_595

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Cyst, Nos
Skin		Squamous Cell Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Submucosa	Inflammation, Chronic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_596

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Inflammation, Focal
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node		Cyst, Nos
		Hemorrhage
Pancreas		Periarteritis
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Squamous Cell Carcinoma
Testis		Atrophy, Nos
		Edema, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_597

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_598

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Inflammation, Chronic
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
		Mineralization
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Spleen		Hemosiderosis
Testis		Aspermatogenesis
Unspecified	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_599

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
		Pneumonia, Aspiration
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_601

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Papilla	Congestion, Nos
		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_602

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Blood vessel  
Liver  
Lung

Pulmonary Artery Nos

Hypertrophy, Nos  
Congestion, Nos  
Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_603

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Cyst, Nos
		Nephropathy
Liver	Bile Duct	Inflammation, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Skeletal muscle	Hip/Thigh	Hemorrhage
	Hip/Thigh	Inflammation, Chronic
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_604

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos  Pelvis	Hypertrophy, Nos Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node Spleen	Mandibular Lymph Node	Hyperplasia, Lymphoid Hemosiderosis
Stomach Trachea	Glandular Stomach Gland	Degeneration, Cystic Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_605

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Intestine Large Kidney	Colon	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cyst, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Flank	Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_606

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Congestion, Nos Hemorrhage
Lung		Hemorrhage
Lymph node	Thymic Lymph Node	Inflammation, Chronic Focal Periarteritis
Pancreas		Hyperplasia, Nos Hemosiderosis
Parathyroid gland		Hyperplasia, C Cell
Spleen		Dilatation, Nos
Thyroid		
Trachea	Gland	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_607

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Aspermatogenesis Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_608

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Granuloma, Foreign Body Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_609

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hypertrophy, Focal Pheochromocytoma
Kidney		Nephropathy Nephrosis, Hydro
Liver		Congestion, Nos
Lung		Congestion, Nos Edema, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Unspecified		Abscess, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_610

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Cyst, Nos
Trachea	Gland	Dilatation, Nos
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic
		Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_611

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Carcinoma
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Groin	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_612

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Brain		Hypertrophy, Nos
Kidney		Hemorrhage
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Polyp, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_613

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Mesentery Nos	Periarteritis
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_614

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Fibrosis
	Atrium	Thrombus, Organized
Kidney		Cyst, Nos
		Nephropathy
Liver		Congestion, Nos
Lung		Congestion, Nos
		Inflammation, Interstitial

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_615

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_616

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Cyst, Nos
Pancreas		Inflammation, Chronic Focal
Salivary gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_617

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Cyst, Nos  
Nephropathy  
Nephrosis, Hydro

Lung

Congestion, Nos  
Hemorrhage  
Hyperplasia, Lymphoid

Lymph node

Thymic Lymph Node

Hemorrhage

Spleen

Hemosiderosis

Thymus

Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_618

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_619

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Intestine Large  
Kidney

Pulmonary Artery Nos  
Colon

Lung  
Lymph node  
Salivary gland  
Spleen  
Thymus  
Zymbal gland

Thymic Lymph Node

Cortical Adenoma  
Hypertrophy, Nos  
Parasitism  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Cytomegaly  
Hemosiderosis  
Hemorrhage  
Sebaceous Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_620

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Lung		Atelectasis Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma
Urinary bladder		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_621

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal Neurilemoma Pheochromocytoma
Eye	Retina	Atrophy, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Duodenum	Adenocarcinoma, Nos Hemangiosarcoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Cytoplasmic Vacuolization Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_622

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Fibrosis, Cholangio Hepatocellular Carcinoma
Lung		Aspiration, Foreign Body Atelectasis Granuloma, Foreign Body Inflammation, Interstitial Periarteritis
Pancreas Thyroid	Acinus	Hyperplasia, Focal Cyst, Nos Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_623

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma Pheochromocytoma, Malignant
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_624

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Hypertrophy, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_625

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_626

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cyst, Nos Cytoplasmic Vacuolization Necrosis, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Epididymis		Spermatocele
Heart	Atrium	Thrombus, Fibrin
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Inflammation, Interstitial Necrosis, Focal
Lymph node	Hepatic Lymph Node Mesenteric Lymph Node Hepatic Lymph Node Mesenteric Lymph Node	Cyst, Nos Cyst, Nos Hemorrhage Hemorrhage
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_627

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hypertrophy, Focal  
Nephropathy  
Nephrosis, Hydro

Lung

Congestion, Nos  
Hemorrhage

Lymph node  
Parathyroid gland  
Pituitary gland  
Thyroid

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell  
Hyperplasia, Nos  
Basophil Carcinoma  
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_628

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Nos Hypertrophy, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Nasal cavity		Hemorrhage
Pancreas	Islets	Islet-Cell Carcinoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_629

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Congestion, Nos
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Congestion, Nos
		Inflammation, Interstitial
Spleen		Congestion, Nos
Testis		Atrophy, Nos
		Fibrosis, Focal
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_630

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Granuloma, Foreign Body
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_631

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Glomerulonephritis, Chronic  
Alveolar Macrophages  
Congestion, Nos  
Inflammation, Interstitial  
Mineralization

Stomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_632

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_633

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Cortex Nos  
Colon  
Pelvis  
Pelvis

Cytoplasmic Vacuolization  
Parasitism  
Calculus, Microscopic Examination  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro  
Necrosis, Focal  
Alveolar Macrophages  
Atelectasis  
Hemorrhage  
Hemosiderosis  
C-Cell Adenoma

Liver  
Lung

Spleen  
Thyroid

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_634

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Fibrosis, Focal
		Necrosis, Coagulative
Lung		Atelectasis
Parathyroid gland		Hyperplasia, Nos
Unspecified	Flank	Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_635

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_636

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
		Pheochromocytoma
Kidney	Papilla	Infarct, Nos
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Lymph node	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_637

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_638

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Pancreas		Hemorrhage
Skin	Back	Cyst, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_639

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_640

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Necrosis, Focal Pheochromocytoma
Blood vessel	Coronary Artery Nos	Hemorrhage
Heart		Periarteritis
Kidney	Cortex  Pelvis	Cyst, Nos Glomerulonephritis, Chronic Hyperplasia, Epithelial Nephrosis, Hydro
Liver		Periarteritis
Lung		Alveolar Macrophages Edema, Nos Hemorrhage
Lymph node	Thymic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach		Mineralization
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_641

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hemorrhage
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Necrosis, Focal
Heart	Atrium	Thrombus, Fibrin
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Nos
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Focal
		Hemorrhage
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_642

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Eye	Lacrimal Gland	Neurofibrosarcoma, Invasive
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Submucosa	Fibrosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos
Unspecified	Face	Neurofibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_643

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Hematopoiesis
Lung		Atelectasis
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
Unspecified	Shoulder	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_644

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Medulla	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Heart	Atrium	Hypertrophy, Nos
Intestine Large	Colon	Thrombus, Fibrin
Kidney	Pelvis	Parasitism
		Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
	Mesenteric Lymph Node	Cyst, Nos
	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_646

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney

Pulmonary Artery Nos  
Pelvis

Hypertrophy, Nos  
Hyperplasia, Epithelial  
Hypertrophy, Nos  
Nephrosis, Hydro  
Congestion, Nos  
Pneumonia, Aspiration  
Hemorrhage  
Congestion, Nos

Lung

Lymph node  
Thymus

Thymic Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_647

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Inflammation, Focal
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_648

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Fibrosis, Focal
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Thymus		Congestion, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_649

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Necrosis, Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
		Tubular-Cell Adenoma
Liver		Necrosis, Focal
Lung		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Hemorrhage
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_650

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Periarteritis
Kidney		Cyst, Nos
		Glomerulonephritis, Chronic
	Pelvis	Hyperplasia, Epithelial
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_651

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Nos
Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney		Infarct, Healed
		Nephropathy
Liver		Hyperplasia, Nodular
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Congestion, Nos
Thymus		Involution, Nos
Thyroid		C-Cell Adenoma
Unspecified		Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_653

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Intestine Large	Colon	Mineralization
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_654

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Spleen Stomach Thyroid Trachea	Cardiac Stomach Gland	Hematopoiesis Hyperplasia, Epithelial C-Cell Adenoma Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_655

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Hemorrhage Inflammation, Chronic Focal Thrombus, Fibrin
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_656

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Focal  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Hemosiderosis  
Fibroma

Spleen  
Unspecified

Flank

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_657

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Cecum, Colon	Edema, Nos
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Atelectasis Inflammation, Interstitial
Lung		
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Salivary gland		Leukocytosis, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_658

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Hemorrhage
Lung		
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Congestion, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_659

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Basophil Adenoma
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Aspermatogenesis
Trachea	Gland	Dilatation, Nos
Unspecified	Groin	Cyst, Nos
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_661

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Inflammation, Chronic Focal
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
Lung		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_662

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
	Bronchiole	Granuloma, Foreign Body
		Hemorrhage
		Pneumonia, Aspiration
Parathyroid gland		Hyperplasia, Nos
Thymus		Hemorrhage
Thyroid		Hyperplasia, C Cell
Trachea	Lumen	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_663

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
		Granuloma, Foreign Body
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen		Congestion, Nos
		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_664

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Parathyroid gland Thymus		Hyperplasia, Nos Congestion, Nos

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_665

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Cortex	Cyst, Nos Glomerulonephritis, Chronic
	Pelvis	Hyperplasia, Epithelial Nephrosis, Hydro
Lung		Alveolar Macrophages Edema, Nos Hemorrhage Periarteritis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage Periarteritis
Pancreas		Inflammation, Chronic
Salivary gland		Hemosiderosis
Spleen		Erosion
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos Necrosis, Focal
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_666

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cyst, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
		Thrombus, Fibrin
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_667

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Kidney

Cecum, Colon

Inflammation, Nos  
Nephropathy  
Nephrosis, Hydro  
Atelectasis

Lung

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_668

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Large	Cecum, Colon	Periarteritis
	Colon	Periarteritis
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Periarteritis
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_669

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Brain		Hemorrhage
Heart		Periarteritis
Kidney	Atrium	Thrombus, Fibrin Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Metaplasia, Squamous
Parathyroid gland		Adenoma, Nos Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_670

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Parathyroid gland Trachea	Gland	Hyperplasia, Nos Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_671

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
		Periarteritis
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_672

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
		Hemorrhage
		Squamous Cell Carcinoma, Metastatic
Parathyroid gland		Hyperplasia, Nos
Spleen	Capsule	Abscess, Chronic
	Capsule	Adhesion, Fibrous
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_673

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Lung

Pulmonary Artery Nos

Pheochromocytoma, Malignant  
Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hemorrhage

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_675

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_676

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Hyperplasia, Focal

Kidney

Pelvis

Hypertrophy, Nos

Lung

Hyperplasia, Epithelial

Nephropathy

Parathyroid gland

Alveolar Macrophages

Congestion, Nos

Spleen

Adenoma, Nos

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_677

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Cyst, Nos

Lung

Nephropathy

Trachea

Aspiration, Foreign Body

Congestion, Nos

Aspiration, Foreign Body

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_678

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Bone		Chondrosarcoma
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Granuloma, Foreign Body
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>ANIMAL ID:</b> 3_679	<b>TRT#:</b> 3 <b>DOSE:</b> 200 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma, Malignant	
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos	
Intestine Small	Jejunum	Adenocarcinoma, Nos	
Kidney		Nephropathy Nephrosis, Hydro	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar Macrophages Atelectasis Inflammation, Interstitial	
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid	
Pancreas	Acinus Duct Nos	Atrophy, Nos Hyperplasia, Focal	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Basophil Carcinoma	
Salivary gland		Edema, Nos	
Spleen		Hematopoiesis Hemosiderosis	
Thyroid		C-Cell Carcinoma	
Trachea	Gland	Dilatation, Nos	
Unspecified	Multiple Organs Nos Multiple Organs Nos	Cyst, Nos Hemorrhage	
<b>PRIMARY CAUSE OF DEATH</b>	-		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_680

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_681

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Intestine Large	Colon	Hypertrophy, Nos
Kidney		Parasitism
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Liver		Nephrosis, Hydro
	Bile Duct	Congestion, Nos
Lung		Hyperplasia, Nos
		Alveolar Macrophages
		Congestion, Nos
Pancreas		Hemorrhage
Parathyroid gland		Hemorrhage
Spleen		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hematopoiesis
Thyroid		Hyperplasia, Epithelial
		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_683

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
		Nephropathy
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemosiderosis
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_684

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_685

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla Cortex Nos	Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Intestine Large Kidney	Rectum  Pelvis Papilla	Parasitism Cyst, Nos Hyperplasia, Epithelial Mineralization Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Congestion, Nos Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma Congestion, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_686

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
Pancreas		Hemorrhage
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Salivary gland		Edema, Nos
Spleen		Periarteritis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_687

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified		Cyst, Epidermal Inclusion

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_688

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Intestine Large Kidney	Colon	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node Skin Spleen	Mesenteric Lymph Node	Hemorrhage Basal-Cell Carcinoma Hematopoiesis Hemosiderosis
Stomach Trachea Unspecified	Cardiac Stomach Gland Neck	Hyperplasia, Epithelial Dilatation, Nos Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_689

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Lung

Lymph node

Pancreas

Parathyroid gland

Spleen

Thyroid

Thymic Lymph Node

Periarteritis

Pheochromocytoma

Glomerulonephritis, Chronic

Nephrosis, Hydro

Atelectasis

C-Cell Carcinoma, Metastatic

Inflammation, Interstitial

Pneumonia, Aspiration

Hemorrhage

Inflammation, Chronic

Hyperplasia, Nos

Hematopoiesis

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_690

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Congestion, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_691

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney

Pulmonary Artery Nos

Lung

Periarteritis  
Hypertrophy, Nos  
Nephropathy  
Nephrosis, Hydro  
Alveolar Macrophages  
Congestion, Nos  
Hyperplasia, Lymphoid  
Hemorrhage  
Periarteritis

Lymph node  
Pancreas

Thymic Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_692

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung

Nephropathy  
Congestion, Nos  
Hemorrhage  
Congestion, Nos  
Hemorrhage

Spleen  
Thymus

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_693

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Kidney  
Lung

Colon

Parasitism  
Nephropathy  
Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos  
Acanthosis  
Hyperkeratosis  
Hemorrhage

Parathyroid gland  
Stomach

Cardiac Stomach  
Cardiac Stomach

Thymus

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_694

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_695

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Tubular-Cell Adenoma
Lung		Hyperplasia, Nos
		Alveolar Macrophages
		Atelectasis
		Foreign Body, Reaction
		Hemorrhage
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Aspermatogenesis
		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_696

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hypertrophy, Nos
		Infarct, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Congestion, Nos
Lung		Congestion, Nos
		Hemorrhage
Pancreas		Periarteritis
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
Testis		Atrophy, Nos
Thymus		Hemorrhage
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_697

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
	Mesenteric Artery Nos	Mineralization
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Mineralization
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Cystic Ducts
	Duct Nos	Hyperplasia, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_698

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cortical Adenoma Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Testis		Atrophy, Nos Mineralization Periarteritis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_699

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_700

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Intestine Large	Colon	Leukocytosis, Nos
Kidney	Cortex	Parasitism
		Cyst, Nos
		Nephropathy
Lung		Nephrosis, Hydro
		Congestion, Nos
		Edema, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemangiopericytoma, Metastatic
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperkeratosis
Unspecified	Scrotum	Hemangiopericytoma, Benign
	Thorax	Hemangiopericytoma, Malignant

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_701

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
	Pleura Nos	Inflammation, Chronic Focal
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Lower Leg Nos	Cyst, Epidermal Inclusion

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_702

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Cortex	Cyst, Nos
		Nephropathy
Liver		Periarteritis
Lung		Alveolar/Bronchiolar Carcinoma
		Aspiration, Foreign Body
		Atelectasis
		Congestion, Nos
		Granuloma, Foreign Body
		Hemorrhage
Nasal cavity		Hemorrhage
Peritoneum		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Papilloma, Nos
Unspecified	Groin	Cyst, Nos
	Groin	Foreign Body, Reaction
	Multiple Organs Nos	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_703

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Congestion, Nos Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_704

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Osteoma Nephropathy
Bone		Squamous Cell Carcinoma, Metastatic
Kidney		Inflammation, Interstitial
Liver		Hemorrhage
Lung		Hematopoiesis
Lymph node	Thymic Lymph Node	Squamous Cell Carcinoma
Spleen		
Stomach	Cardiac Stomach	

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_705

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
	Bronchiole	Inflammation, Interstitial
		Inflammation, Nos
		Pneumonia, Aspiration
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Inflammation, Chronic Focal
Trachea	Gland	Dilatation, Nos
Unspecified	Neck	Sarcoma, Nos
	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_706

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
	Muscularis	Hypertrophy, Nos
Thyroid		C-Cell Carcinoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_707

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Cyst, Nos
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
Spleen		Hemorrhage
Stomach	Glandular Stomach	Hemosiderosis
	Cardiac Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, Epithelial
		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_708

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Cortex Nos	Hypertrophy, Focal Inflammation, Chronic Mineralization
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Intermedia	Carcinoma, Nos
Spleen		Hematopoiesis
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_709

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos Hemorrhage Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Stomach	Cardiac Stomach	Hyperkeratosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_710

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
Lung		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_711

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Periarteritis
Lung		Congestion, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Skin		Basal-Cell Tumor
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_712

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Periarteritis
		Spermatocoele
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_713

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Pheochromocytoma
Intestine Large Kidney	Colon	Parasitism Cyst, Nos Infarct, Nos Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Acute/Chronic
Lung	Bile Duct	Periarteritis Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Gastric Lymph Node Thymic Lymph Node Gastric Lymph Node Gastric Lymph Node Thymic Lymph Node	Cyst, Nos Cyst, Nos Edema, Nos Hemorrhage Hemorrhage
Spleen Stomach		Hematopoiesis Abscess, Nos
Unspecified	Cardiac Stomach Hip	Papilloma, Nos Neurofibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_714

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Brain		Abscess, Nos Hemorrhage
Eye	Cornea	Inflammation, Nos Retinopathy
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Necrosis, Focal
Stomach		Erosion
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder		Hemorrhage Hyperplasia, Epithelial Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_715

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney

Cortex Nos  
Ileum, Ileum

Cytoplasmic Vacuolization  
Intussusception  
Cyst, Nos  
Nephropathy  
Necrosis, Ischemic  
Atelectasis  
Hyperplasia, Nos  
Hematopoiesis  
Hyperplasia, Epithelial  
Dilatation, Nos  
Hemorrhage  
Lymphoma, Lymphocytic-Malignant Type  
Inflammation, Acute

Liver  
Lung  
Parathyroid gland  
Spleen  
Stomach  
Trachea  
Unspecified  
  
Urinary bladder

Cardiac Stomach  
Gland  
Multiple Organs Nos  
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_716

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Rectum	Parasitism
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Nephrosis, Hydro
Lung		Hyperplasia, Nos
		Atelectasis
		Hemorrhage
Spleen		Inflammation, Interstitial
Stomach	Glandular Stomach	Hemosiderosis
	Cardiac Stomach	Degeneration, Cystic
		Hyperplasia, Epithelial
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_717

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Hyperplasia, Nos

Kidney

Papilla

Hypertrophy, Nos

Mineralization

Liver

Nephropathy

Fibrosis

Lung

Necrosis, Coagulative

Atelectasis

Hemorrhage

Parathyroid gland

Hyperplasia, Lymphoid

Spleen

Hyperplasia, Nos

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_718

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_719

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Epididymis		Granuloma, Spermatic
Kidney	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
Lung		Nephropathy
		Atelectasis
Spleen		Hemorrhage
Stomach	Cardiac Stomach	Congestion, Nos
Testis		Hyperkeratosis
Trachea	Lumen	Atrophy, Diffuse
		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_720

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Skin	Dermis	Edema, Nos
Trachea	Gland	Dilatation, Nos
Unspecified		Edema, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_722

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Atelectasis
Stomach	Cardiac Stomach	Hemorrhage
Trachea	Gland	Hyperplasia, Epithelial
		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_723

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Pelvis Pelvis	Hyperplasia, Epithelial Mineralization Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Necrosis, Ischemic
Lung		Atelectasis Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skeletal muscle	Thymic Lymph Node	Hemorrhage
Spleen	Hip/Thigh	Edema, Nos Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_724

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cyst, Nos
	Cortex Nos	Hypertrophy, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_725

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Liver		Necrosis, Focal
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Lymph node	Mandibular Lymph Node	Congestion, Nos
	Mesenteric Lymph Node	Congestion, Nos
Spleen		Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_726

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Cortex	Abscess, Nos
	Pelvis	Mineralization
		Nephropathy
Liver		Periarteritis
Lung		Hematopoiesis
		Atelectasis
		Inflammation, Interstitial
Spleen		Hematopoiesis
Stomach		Inflammation, Nos
	Cardiac Stomach	Papilloma, Nos
		Periarteritis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_727

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Bronchopneumonia, Nos
		Hemorrhage
	Bronchiole	Inflammation, Nos
		Periarteritis
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Periarteritis
Trachea	Gland	Dilatation, Nos
		Inflammation, Nos
Unspecified	Neck	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_728

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Endocardium Nos	Fibrosis
	Atrium	Thrombus, Organized
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_729

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Cortex	Inflammation, Focal
Lung		Alveolar/Bronchiolar Adenoma
		Atelectasis
		Cholesterol Deposit
Spleen		Hematopoiesis
Unspecified	Neck	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_730

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos Inflammation, Chronic
Heart	Atrium	Thrombosis, Nos
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Cyst, Nos
Lung		Hemorrhage Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach		Mineralization
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_731

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Kidney		Nephropathy Nephrosis, Hydro
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node Mesenteric Lymph Node Thymic Lymph Node Thymic Lymph Node	Hemangioma Hemorrhage Hemorrhage Periarteritis
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_732

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Calculus, Microscopic Examination
	Capsule	Leukocytosis, Nos
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
Lymph node	Thymic Lymph Node	Inflammation, Interstitial
	Mesenteric Lymph Node	Hemosiderosis
	Thymic Lymph Node	Hyperplasia, Lymphoid
Peritoneum	Peritoneal Cavity Nos	Hyperplasia, Lymphoid
Spleen		Inflammation, Nos
Thyroid		Hematopoiesis
		C-Cell Carcinoma
		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_733

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
Stomach	Cardiac Stomach	Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_734

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_735

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_736

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Intestine Large Kidney	Colon	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Atelectasis Congestion, Nos Hemorrhage
Spleen Stomach	Glandular Stomach Cardiac Stomach	Hemosiderosis Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_737

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_738

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma, Malignant
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_739

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Myocardium Nos  
Cortex

Lung

Cortical Carcinoma  
Inflammation, Chronic Focal  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Atelectasis  
Congestion, Nos  
Cortical Carcinoma, Metastatic  
Inflammation, Interstitial  
Hemorrhage  
Congestion, Nos  
Hyperplasia, C Cell

Lymph node  
Spleen  
Thyroid

Thymic Lymph Node

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_740

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Cyst, Nos Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial Periarteritis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_741

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
		Hematopoiesis
Thyroid		Hyperplasia, C Cell
Unspecified	Thorax Nos	Neurilemoma, Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_742

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Alveolar Macrophages
		Atelectasis
		Bronchopneumonia, Nos
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_744

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Carcinoma, Nos, Metastatic
Nasal cavity		Inflammation, Nos
Parathyroid gland		Adenoma, Nos
Pituitary gland		Basophil Carcinoma
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_745

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Cortex Nos Pulmonary Artery Nos	Hypertrophy, Focal Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_746

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
		Periarteritis
Pituitary gland		Congestion, Nos
		Cyst, Nos
Spleen		Congestion, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Abdominal Cavity	Paranglioma, Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_747

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Lung  
  
Pancreas  
Urinary bladder

Pulmonary Artery Nos

Cortical Adenoma  
Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hemorrhage  
Necrosis, Fat  
Mineralization

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_748

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_749

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Brain	Meninges	Hemorrhage
Intestine Large	Colon	Parasitism
Kidney	Cortex	Inflammation, Chronic
Lung		Congestion, Nos
		Hemorrhage
Nasal cavity		Congestion, Nos
Salivary gland		Congestion, Nos
Thymus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_750

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombosis, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Cyst, Nos
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_751

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney  
Lung

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_752

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephroblastoma
		Nephropathy
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemosiderosis
	Thymic Lymph Node	Hyperplasia, Reticulum Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_753

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hemorrhage Necrosis, Focal
Brain		Hemorrhage
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Cyst, Nos Nephropathy
Lung		Atelectasis Hemorrhage
Lymph node	Mandibular Lymph Node	Neurilemoma
Parathyroid gland		Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_754

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Edema, Nos Hemorrhage
Lymph node	Mandibular Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas		Inflammation, Chronic Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_755

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Atelectasis
		Edema, Nos
		Hemorrhage
Pancreas		Periarteritis
Prostate		Inflammation, Acute
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
		Erosion
		Mineralization
Unspecified	Multiple Organs Nos	Fibrous Histiocytoma, Malignant
Urinary bladder		Hemorrhage
		Inflammation, Acute

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_756

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_757

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Inflammation, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nodular
		Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Pancreas	Acinus	Hyperplasia, Nodular
Peritoneum		Inflammation, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
		Mineralization
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_758

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_759

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Renal Lymph Node	Cyst, Nos
	Renal Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_760

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node Mesenteric Lymph Node	Hemorrhage Periarteritis
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Cyst, Nos Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Thyroid		Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_761

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Heart	Myocardium Nos	Hypertrophy, Nos
Kidney	Cortex	Inflammation, Chronic Focal
		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Skin		Abscess, Nos
		Ulcer, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Squamous Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_762

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Inflammation, Nos Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node Spleen Stomach	Mandibular Lymph Node Glandular Stomach Cardiac Stomach Cardiac Stomach	Cyst, Nos Hemosiderosis Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Thyroid Trachea	Gland	C-Cell Adenoma Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_763

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hypertrophy, Focal  
Nephropathy  
Nephrosis, Hydro  
Lymphoma, Nos-Malignant

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_764

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney

Medulla  
Pulmonary Artery Nos

Hyperplasia, Focal  
Hypertrophy, Nos  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Lymphoma, Nos-Malignant

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_765

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy
Liver	Bile Duct	Nephrosis, Hydro Hyperplasia, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Mandibular Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Prostate		Edema, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_766

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Necrosis, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
	Anterior Mediastinal Artery	Mineralization
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
		Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_767

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Renal Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_768

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney		Cyst, Nos
		Nephropathy
Liver	Centrilobular	Congestion, Nos
		Necrosis, Central
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_769

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Hemorrhage Periarteritis Pneumonia, Aspiration
Lymph node	Mesenteric Lymph Node	Fibrosis, Focal
Pancreas		Periarteritis
Parathyroid gland		Adenoma, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial Periarteritis
Urinary bladder	Mucosa	Hemorrhage Hyperplasia, Epithelial Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_770

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Inflammation, Focal
Kidney		Nephropathy
Liver		Congestion, Nos
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_771

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Lymph node  
Spleen  
Stomach

Mesenteric Lymph Node

Cardiac Stomach

Nephropathy  
Congestion, Nos  
Hemorrhage  
Hemorrhage  
Hemosiderosis  
Acanthosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_772

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Hyperplasia, Focal Pheochromocytoma, Malignant
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Aspiration, Foreign Body Granuloma, Foreign Body Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Aspermatogenesis Periarteritis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_774

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Atelectasis Congestion, Nos Inflammation, Interstitial
Lung		Hemorrhage Hyperplasia, Nos Adenocarcinoma, Nos
Lymph node	Thymic Lymph Node	Hyperplasia, Epithelial
Parathyroid gland		Dilatation, Nos
Salivary gland		
Stomach	Cardiac Stomach	
Trachea	Gland	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_775

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Conjunctiva	Inflammation, Nos
	Cornea	Ulcer, Nos
Heart		Inflammation, Chronic
Kidney		Cyst, Nos
		Nephropathy
Liver		Bile Duct Carcinoma
Lung		Atelectasis
		Bile Duct Carcinoma, Metastatic
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Urinary bladder		Edema, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_776

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_777

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Atelectasis
		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_778

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage Hyperplasia, Adenomatous
Spleen Stomach	Cardiac Stomach	Hemosiderosis Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_779

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct Bile Duct	Cyst, Nos Hyperplasia, Nos
Lung		Atelectasis Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Salivary gland		Edema, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Thymus		Periarteritis
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_780

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
		Periarteritis
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Pancreas		Inflammation, Acute
Salivary gland		Cystadenocarcinoma, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_781

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cyst, Nos Cytoplasmic Vacuolization Hematopoiesis
Intestine Large	Cortex Nos	Hyperplasia, Focal
Kidney	Cecum, Colon Cortex Pelvis	Hemangiosarcoma Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Capsule  Hepatocytes Hepatocytes	Fibrosis, Focal Hematopoiesis Hyperplasia, Focal Hypertrophy, Focal
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Groin Groin	Abscess, Nos Foreign Body, Reaction

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_782

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye		Hemorrhage
Kidney		Cyst, Nos
		Nephrosis, Hydro
Liver		Necrosis, Ischemic
Lung		Atelectasis
		Hemorrhage
Pituitary gland		Basophil Carcinoma
Spinal cord		Hemorrhage
Spleen		Necrosis, Focal
Stomach	Glandular Stomach	Degeneration, Cystic
		Erosion
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Urinary bladder		Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_783

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Anterior Mediastinal Artery	Mineralization
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Edema, Nos
		Hemorrhage
		Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
		Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_784

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_785

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney		Cyst, Nos Nephropathy
Lung		Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas		Inflammation, Chronic Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_786

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Medulla

Hyperplasia, Focal  
Nephropathy  
Congestion, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_787

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Eye		Retinopathy
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Granuloma, Foreign Body
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos Hyperplasia, Nos
Salivary gland		Edema, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_788

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Infarct, Healed  
Nephropathy

Kidney

Nephrosis, Hydro

Liver

Bile Duct

Hyperplasia, Nos  
Alveolar Macrophages

Lung

Congestion, Nos  
Hemorrhage

Parathyroid gland

Hyperplasia, Nos

Salivary gland

Edema, Nos

Spleen

Hemosiderosis

Unspecified

Chest

Lipoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_789

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cyst, Nos
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Hepatic Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
		Periarteritis
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_790

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Hyperplasia, Nodular
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_791

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos Nephropathy
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Congestion, Nos Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_792

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Large  
Intestine Small  
Kidney

Colon  
Jejunum

Periarteritis  
Periarteritis  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Periarteritis  
Hemorrhage  
Inflammation, Chronic  
Periarteritis  
Congestion, Nos

Lung

Lymph node  
Pancreas

Mesenteric Lymph Node

Spleen

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_794

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Skeletal muscle	Hip/Thigh	Inflammation, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
		Ulcer, Nos
Testis		Aspermatogenesis
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
	Adipose Tissue	Necrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_795

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro Necrosis, Focal Inflammation, Interstitial
Liver		Hyperplasia, Nos
Lung		Hematopoiesis
Parathyroid gland		Degeneration, Cystic
Spleen		Hyperplasia, Epithelial
Stomach	Glandular Stomach Cardiac Stomach	Atrophy, Nos
Testis		Neurofibrosarcoma
Unspecified	Groin	

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_796

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex Nos	Cyst, Nos Glomerulonephritis, Chronic
Liver		Nephrosis, Hydro
Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Edema, Nos
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Skin		Atrophy, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial Mineralization
Testis		Atrophy, Nos Mineralization Periarteritis
Trachea	Gland	Dilatation, Nos
Unspecified		Edema, Nos
	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_797

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
	Retina	Dysplasia, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Cyst, Follicular Nos
Trachea	Gland	Dilatation, Nos
Urinary bladder		Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_798

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cortical Carcinoma Cytoplasmic Vacuolization
Blood vessel	Cortex Nos	Hypertrophy, Nos
Kidney	Pulmonary Artery Nos Cortex	Cyst, Nos Glomerulonephritis, Chronic Infarct, Acute Nephrosis, Hydro Thrombosis, Nos
Liver	Hepatocytes	Hypertrophy, Focal
Lung		Alveolar Macrophages Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_799

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Necrosis, Diffuse
Brain		Hemorrhage
Kidney		Nephropathy Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Hemorrhage
Pancreas		Inflammation, Chronic Focal
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_800

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye	Anterior Chamber	Hemorrhage Neurilemoma
Kidney		Nephropathy
Lung		Atelectasis Congestion, Nos
Spleen		Hemorrhage Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_801

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney

Pulmonary Artery Nos

Pheochromocytoma  
Hypertrophy, Nos  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Cyst, Epidermal Inclusion  
Foreign Body, Reaction  
C-Cell Adenoma

Lung

Skin

Thyroid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_802

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla

Hyperplasia, Focal

Cyst, Nos

Nephropathy

Nephrosis, Hydro

Lung

Atelectasis

Hemorrhage

Inflammation, Interstitial

Lymph node  
Spleen

Thymic Lymph Node

Hemorrhage

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_803

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_804

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Mandibular Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Unspecified		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_805

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Fibrosis, Cholangio
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_806

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_807

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney  
  
Lung  
Lymph node  
Parathyroid gland

Pulmonary Artery Nos  
  
  
Mesenteric Lymph Node

Hypertrophy, Nos  
Cyst, Nos  
Nephropathy  
Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_808

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Periarteritis
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thymus		Periarteritis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_809

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney		Cyst, Nos Glomerulonephritis, Chronic
	Pelvis	Hyperplasia, Epithelial Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage Periarteritis
Pancreas		Periarteritis
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_810

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Lung

Lymph node

Parathyroid gland  
Spleen

Mesenteric Lymph Node  
Thymic Lymph Node

Pheochromocytoma, Malignant  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Granuloma, Nos  
Hemorrhage  
Periarteritis  
Pheochromocytoma, Metastatic  
Hemorrhage  
Hemorrhage  
Hyperplasia, Nos  
Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_811

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Inguinal Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_812

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Lung

Lymph node  
Spleen  
Stomach

Mandibular Lymph Node

Cardiac Stomach

Pheochromocytoma  
Nephropathy  
Nephrosis, Hydro  
Atelectasis  
Granuloma, Foreign Body  
Hemorrhage  
Hemorrhage  
Hemosiderosis  
Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_813

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Unspecified		Lipoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_814

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cyst, Nos
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Papilla	Mineralization
		Nephropathy
Lung		Atelectasis
		Pneumonia, Lipid
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Mammary gland		Fibroadenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_815

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Atelectasis
		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_816

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_817

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Heart	Atrium	Hypertrophy, Nos
Intestine Large	Colon	Thrombus, Fibrin
Intestine Small	Jejunum	Parasitism
Kidney		Adenocarcinoma, Nos
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Liver		Nephrosis, Hydro
	Bile Duct	Congestion, Nos
Lung		Hyperplasia, Nos
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Edema, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Submucosa	Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_818

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cyst, Nos
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Calculus, Microscopic Examination
	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Pancreas		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_819

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Periarteritis
Lung		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_820

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Intestine Small  
Kidney

Pulmonary Artery Nos  
Duodenum

Hypertrophy, Nos  
Erosion  
Cyst, Nos  
Glomerulonephritis, Chronic  
Necrosis, Coagulative  
Atelectasis  
Erosion  
Mineralization

Liver  
Lung  
Stomach

Glandular Stomach

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_821

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma
Trachea		Periarteritis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_823

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal

Kidney

Pelvis

Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro

Lung

Congestion, Nos  
Hemorrhage

Spleen

Hemosiderosis

Stomach

Cardiac Stomach

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_824

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Cyst, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Thymoma, Benign
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_826

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Organized
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_827

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Heart	Atrium	Thrombus, Organized
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
Thymus		Periarteritis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_828

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node		Edema, Nos
	Thymic Lymph Node	Hemorrhage
		Hyperplasia, Reticulum Cell
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma, In Situ
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_829

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Cornea	Inflammation, Nos
Kidney	Capsule	Cyst, Nos
		Fibrosis
		Nephropathy
Lung		Nephrosis, Hydro
		Hemorrhage
		Mineralization
Lymph node	Renal Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Periarteritis
Parathyroid gland		Hyperplasia, Nos
Peritoneum		Inflammation, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_830

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Cortex Nos  
Colon

Cytoplasmic Vacuolization  
Parasitism  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Atelectasis  
Hyperplasia, Adenomatous  
Cyst, Nos  
Hyperplasia, Nos  
Congestion, Nos  
Hyperplasia, Follicular Cell

Lung

Mesenteric Lymph Node

Lymph node  
Parathyroid gland  
Spleen  
Thyroid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_831

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Urinary bladder		Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_832

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Pituitary gland		Basophil Carcinoma
Skin		Basal-Cell Carcinoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_833

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Heart		Neurilemoma
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_834

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
	Cortex Nos Cortex Nos	
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Pancreas	Duct Nos	Adenoma, Nos
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_835

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Brain		Hemorrhage
Kidney		Nephropathy
Lung		Hemorrhage
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_836

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Mesenteric Artery Nos	Mineralization
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Islets	Islet-Cell Carcinoma
Spleen		Hemosiderosis
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_837

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Calculus, Microscopic Examination
		Nephropathy
Lung		Atelectasis
		Granuloma, Foreign Body
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_840

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Mesenteric Artery Nos	Mineralization
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Mineralization
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_842

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach Cardiac Stomach	Acanthosis Hyperkeratosis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_843

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_844

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Testis		Atrophy, Nos
Thyroid	Interstitialium	Leukocytosis, Nos C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>ANIMAL ID:</b> 3_845	<b>TRT#:</b> 3 <b>DOSE:</b> 200 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization	
	Cortex Nos	Hyperplasia, Focal	
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos	
Intestine Small	Duodenum	Adenocarcinoma, Nos	
Kidney		Glomerulonephritis, Chronic	
	Pelvis	Hyperplasia, Epithelial	
		Nephrosis, Hydro	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar Macrophages	
		Edema, Nos	
		Hemorrhage	
		Periarteritis	
Lymph node	Thymic Lymph Node	Edema, Nos	
	Mesenteric Lymph Node	Hemorrhage	
	Thymic Lymph Node	Hemorrhage	
Pancreas	Islets	Hyperplasia, Nos	
		Inflammation, Chronic Focal	
		Periarteritis	
Parathyroid gland		Hyperplasia, Nos	
Salivary gland		Inflammation, Chronic	
Spleen		Hematopoiesis	
Stomach	Glandular Stomach	Degeneration, Cystic	
Thyroid		Hyperplasia, C Cell	
Trachea	Gland	Dilatation, Nos	
<b>PRIMARY CAUSE OF DEATH</b>			
-			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_846

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Hyperplasia, Tubular Cell
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Inflammation, Interstitial
		Mineralization
Lymph node	Mesenteric Lymph Node	Periarteritis
Pancreas		Hematoma, Organized
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
		Mineralization
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_847

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Stomach

Bronchiole  
Cardiac Stomach  
Cardiac Stomach

Cyst, Nos  
Atelectasis  
Inflammation, Nos  
Acanthosis  
Hyperkeratosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_848

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
		Inflammation, Interstitial
Nasal cavity		Infection, Fungal
		Inflammation, Acute
Pancreas		Inflammation, Chronic Focal
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
		Mineralization
		Periarteritis
Unspecified		Edema, Nos
	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_849

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Granuloma, Foreign Body
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Papilloma, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_850

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Necrosis, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Congestion, Nos
		Hemangiosarcoma
Stomach	Cardiac Stomach	Papilloma, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_851

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Alveolar/Bronchiolar Carcinoma Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mandibular Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hyperplasia, Nos
Parathyroid gland Spleen		Hemosiderosis
Stomach Thyroid	Cardiac Stomach	Hyperplasia, Epithelial Hyperplasia, C Cell
Unspecified	Foot Nos	Inflammation, Acute

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_852

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
	Anterior Mediastinal Artery	Mineralization
Heart		Inflammation, Chronic
		Mineralization
	Atrium	Thrombus, Fibrin
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Edema, Nos
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Peritoneum		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
		Mineralization
Testis		Atrophy, Nos
		Spermatocele
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_853

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephroblastoma
		Nephropathy
Lung		Congestion, Nos
		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Hematoma, Organized
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_854

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_855

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Nasal cavity		Inflammation, Acute
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Chronic Focal
	Islets	Islet-Cell Adenoma
Pituitary gland		Basophil Adenoma
Seminal vesicle		Inflammation, Chronic
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
Thyroid		Follicular-Cell Adenoma
Trachea	Gland	Dilatation, Nos
		Inflammation, Nos
Unspecified		Edema, Nos
	Multiple Organs Nos	Hemorrhage
	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Periarteritis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_856

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal

Kidney

Cortex

Cyst, Nos  
Nephropathy  
Nephrosis, Hydro

Lung

Atelectasis

Spleen

Hemorrhage

Stomach

Glandular Stomach

Hemosiderosis  
Degeneration, Cystic

Trachea

Cardiac Stomach

Hyperkeratosis

Gland

Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_857

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
Salivary gland		Inflammation, Chronic Focal
Spleen		Congestion, Nos
		Hemosiderosis
Trachea	Gland	Dilatation, Nos
Unspecified	Back	Lipoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_858

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_859

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex Papilla	Cyst, Nos Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_860

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
	Medulla	Cyst, Nos
Kidney	Cortex	Hyperplasia, Epithelial
	Pelvis	Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified		Edema, Nos Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_861

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Kidney		Cyst, Nos Nephropathy
Lung		Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_862

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
		Mineralization

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_863

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Mandibular Lymph Node	Hemorrhage
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Hemorrhage
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_864

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Granuloma, Foreign Body Hemorrhage
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_865

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Kidney	Papilla	Cyst, Nos
		Fibrosis, Focal
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Edema, Nos
		Hemorrhage
Pancreas		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach		Cyst, Nos
		Sarcoma, Nos, Uncertain Primary Or Meta
Trachea	Gland	Dilatation, Nos
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>ANIMAL ID:</b> 3_866	<b>TRT#:</b> 3 <b>DOSE:</b> 200 PPM	<b>SEX:</b> Male <b>DISP:</b> Scheduled Sacrifice	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma	
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos	
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro	
Liver	Bile Duct	Inflammation, Nos	
Lung		Alveolar Macrophages Aspiration, Foreign Body Atelectasis C-Cell Carcinoma, Metastatic Hyperplasia, Lymphoid Inflammation, Interstitial	
Lymph node	Thymic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage	
Parathyroid gland		Hyperplasia, Nos	
Spleen		Hemosiderosis	
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial	
Thyroid		C-Cell Carcinoma	
Trachea	Gland	Dilatation, Nos	
<b>PRIMARY CAUSE OF DEATH</b>			
-			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_867

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Edema, Nos
		Hemorrhage
Spleen		Hematopoiesis
Thymus		Hemorrhage
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_868

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Congestion, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Foreign Body, Reaction
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_869

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Intestine Large  
Kidney

Medulla  
Pulmonary Artery Nos  
Colon

Hyperplasia, Nos  
Hypertrophy, Nos  
Parasitism  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Hemorrhage  
Inflammation, Interstitial  
Cyst, Nos  
Hemorrhage  
Hyperplasia, Nos

Lung

Lymph node

Mesenteric Lymph Node  
Mesenteric Lymph Node

Parathyroid gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_870

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Inflammation, Chronic
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
Parathyroid gland		Hemorrhage
Spleen		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Hematopoiesis
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_871

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Brain		Hemorrhage
Eye	Choroid	Inflammation, Chronic
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_872

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Kidney	Cortex	Hypertrophy, Nos
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_873

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Inflammation, Chronic
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Inflammation, Focal
Lung		Atelectasis Inflammation, Interstitial Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skin		Cyst, Epidermal Inclusion
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis
Thyroid		C-Cell Adenoma
Unspecified		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>ANIMAL ID:</b> 3_874	<b>TRT#:</b> 3 <b>DOSE:</b> 200 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos Medulla	Cortical Adenoma Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma	
Blood vessel	Hepatic Artery	Hypertrophy, Nos	
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin	
Kidney	Cortex  Pelvis	Cyst, Nos Glomerulonephritis, Chronic Hyperplasia, Epithelial Nephrosis, Hydro	
Liver	Bile Duct Bile Duct	Hyperplasia, Nos Inflammation, Nos	
Lung		Atelectasis Inflammation, Interstitial	
Lymph node	Inguinal Lymph Node	Hemorrhage	
Pancreas		Inflammation, Chronic	
Parathyroid gland		Hyperplasia, Nos	
Spleen		Hemosiderosis	
Testis		Atrophy, Nos	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Periarteritis	
<b>PRIMARY CAUSE OF DEATH</b>	-		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_875

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_876

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Inflammation, Chronic
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
		Pneumonia, Lipid
Lymph node	Thymic Lymph Node	Hemorrhage
	Thymic Lymph Node	Hyperplasia, Reticulum Cell
Parathyroid gland		Hyperplasia, Nos
Seminal vesicle		Cyst, Nos
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_877

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Heart	Atrium	Inflammation, Chronic Focal Thrombus, Organized
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Bronchopneumonia, Chronic Hemorrhage Inflammation, Interstitial
Lymph node	Mandibular Lymph Node Mesenteric Lymph Node	Hemorrhage Hemorrhage
Pancreas		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_878

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma, Malignant
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Inflammation, Nos
Lung		Granuloma, Foreign Body Inflammation, Interstitial
Nasal cavity		Inflammation, Nos
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis Hyperplasia, Lymphoid
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos Multiple Organs Nos	Hemorrhage Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_879

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Carcinoma, Nos, Metastatic Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_880

**TRT#:** 3  
**DOSE:** 200 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Nephrosis, Hydro
Lung	Bile Duct	Hyperplasia, Nos
		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
		Periarteritis
Nasal cavity		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, Follicular Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_001

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cyst, Nos Hyperplasia, Nos Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Mammary gland		Galactocele
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Unspecified	Neck Neck Groin	Cyst, Epidermal Inclusion Foreign Body, Reaction Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_002

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Mammary gland		Fibroadenocarcinoma
Peritoneum		Inflammation, Nos
Spleen		Congestion, Nos
		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_003

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hypertrophy, Focal Necrosis, Cortical Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Cyst, Nos Glomerulonephritis, Chronic Nephrosis, Hydro
Liver Lung	Bile Duct	Inflammation, Nos Alveolar Macrophages Edema, Nos Inflammation, Interstitial Periarteritis
Pancreas	Islets	Hyperplasia, Nos Inflammation, Chronic Focal
Parathyroid gland Spleen		Hyperplasia, Nos Hematopoiesis Hemosiderosis
Stomach Thyroid Trachea	Glandular Stomach  Gland	Degeneration, Cystic Hyperplasia, C Cell Dilatation, Nos Inflammation, Chronic
Unspecified	Multiple Organs Nos Multiple Organs Nos	Hemorrhage Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_004

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Hyperplasia, Nos

Lung

Parathyroid gland

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_005

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Hyperplasia, Focal Hypertrophy, Focal Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Centrilobular	Congestion, Nos Congestion, Nos Hemorrhage
Lymph node Spleen	Mesenteric Lymph Node	Hemorrhage Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_006

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Acute
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cyst, Nos
Trachea	Gland	Dilatation, Nos
		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_007

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Intestine Large	Cortex Nos	Hypertrophy, Focal
Kidney	Colon	Parasitism
	Papilla	Cyst, Nos
		Mineralization
Lung		Nephropathy
		Nephrosis, Hydro
Parathyroid gland		Atelectasis
Spleen		Hemorrhage
		Hyperplasia, Nos
Stomach	Glandular Stomach	Hematopoiesis
	Cardiac Stomach	Hemosiderosis
Unspecified		Degeneration, Cystic
		Hyperplasia, Epithelial
		Neurofibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_008

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Pancreas		Inflammation, Chronic Focal
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Aspermatogenesis
Thymus		Thymoma, Benign
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_009

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		
Lung	Cardiac Stomach	Nephropathy
Spleen		
Stomach		
Unspecified	Cardiac Stomach	Atelectasis
	Glandular Stomach	
	Cardiac Stomach	Congestion, Nos
	Multiple Organs Nos	Acanthosis
		Degeneration, Cystic
		Hyperkeratosis
		Hemorrhage

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_00A

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_010

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Congestion, Nos
Lymph node	Thymic Lymph Node	Cyst, Nos
Pancreas		Periarteritis
Spleen		Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos
Unspecified		Edema, Nos
	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_011

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Kidney		Nephropathy
Liver		Necrosis, Focal
Lung		Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_012

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
Pancreas	Acinus	Hyperplasia, Nodular
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_013

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Follicular-Cell Adenoma
Trachea	Gland	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_014

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Nephropathy
	Nephrosis, Hydro
Lung	Aspiration, Foreign Body
	Congestion, Nos
	Edema, Nos
Thyroid	Hemorrhage
Trachea	Hyperplasia, C Cell
	Aspiration, Foreign Body

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_015

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Nephropathy  
Atelectasis  
Congestion, Nos  
Hemorrhage  
Congestion, Nos  
Congestion, Nos

Lymph node  
Spleen

Thymic Lymph Node

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_016

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Unspecified	Shoulder	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_017

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney		Nephropathy
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_018

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Heart	Endocardium Nos	Fibroelastosis, Nos
Kidney		Nephropathy
Lung		Atelectasis
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Acanthosis
Unspecified	Head	Neurilemoma, Malignant

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_019

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Edema, Nos Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Adenoma, Nos
Spleen		Hyperplasia, Nos Hematopoiesis Hemosiderosis
Stomach		Mineralization
Unspecified	Diaphragm Nos	Adhesion, Fibrous

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_020

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma  
Hypertrophy, Focal  
Nephropathy  
Aspiration, Foreign Body  
Congestion, Nos  
Hemorrhage  
Aspiration, Foreign Body  
Hemorrhage  
Aspiration, Foreign Body

Kidney

Lung

Nasal cavity

Thymus

Trachea

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_021

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney

Pulmonary Artery Nos

Pheochromocytoma, Malignant  
Hypertrophy, Nos  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Hemorrhage  
Inflammation, Chronic

Lung

Lymph node  
Pancreas

Thymic Lymph Node

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_022

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Medulla

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hyperplasia, Focal  
Pheochromocytoma, Malignant

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Kidney

Cortex  
Pelvis

Cyst, Nos  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro  
Tubular-Cell Adenocarcinoma

Liver

Necrosis, Focal

Lung

Atelectasis  
Inflammation, Interstitial

Stomach

Cardiac Stomach

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_023

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Periarteritis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_024

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephroblastoma
		Nephropathy
Lung		Atelectasis
		Congestion, Nos
Spleen		Hematopoiesis
Stomach		Periarteritis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_025

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Edema, Nos
Spleen		Hemorrhage
Stomach	Cardiac Stomach	Hemosiderosis
		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_026

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cytoplasmic Vacuolization  
Hypertrophy, Focal  
Pheochromocytoma

Kidney

Nephropathy  
Nephrosis, Hydro

Lung

Congestion, Nos

Lymph node

Mesenteric Lymph Node

Hemorrhage

Spleen

Hemorrhage

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_027

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Congestion, Nos
Lung		Congestion, Nos Hemorrhage
Lymph node	Pancreatic Lymph Node	Cyst, Nos
Pancreas	Islets	Dilatation, Ducts Hyperplasia, Focal Periarteritis
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_028

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma Pheochromocytoma, Malignant
Intestine Large Kidney	Colon Cortex	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Inflammation, Chronic Alveolar/Bronchiolar Carcinoma Atelectasis Congestion, Nos Hemorrhage
Lymph node Pancreas	Pancreatic Lymph Node Duct Nos	Hemorrhage Adenoma, Nos Inflammation, Chronic Focal
Parathyroid gland Spleen Stomach Thyroid	Glandular Stomach	Hyperplasia, Nos Hemosiderosis Degeneration, Cystic C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_029

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Pancreas		Adhesion, Nos Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Peritoneum		Inflammation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic C-Cell Adenoma
Thyroid		Abscess, Nos
Unspecified	Leg	Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_030

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Hypertrophy, Focal
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Fibrosarcoma, Metastatic
		Hemorrhage
		Inflammation, Interstitial
Nasal cavity		Hemorrhage
Pancreas	Islets	Islet-Cell Adenoma
Salivary gland		Fibrosarcoma, Invasive
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thyroid		Fibrosarcoma, Metastatic
Unspecified	Neck	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_031

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma, Malignant
Kidney		Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_032

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal Pheochromocytoma, Malignant
Heart		Inflammation, Chronic
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Thymus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_033

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Cyst, Nos
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_035

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Edema, Nos
		Hemorrhage
		Hemorrhage
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_036

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cyst, Nos
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Intestine Large	Colon	Hypertrophy, Nos
Kidney		Periarteritis
		Cyst, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_037

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
Lung		Congestion, Nos
		Hyperplasia, Adenomatous
Stomach	Cardiac Stomach	Acanthosis
Thymus		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_038

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cortical Carcinoma Cytoplasmic Vacuolization Hyperplasia, Focal
	Cortex Nos	
	Cortex Nos	
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Congestion, Nos Cytoplasmic Vacuolization
Lung		Atelectasis Foreign Body, Reaction Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Periarteritis
Pancreas		Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_039

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
		Periarteritis
Thymus		Hemorrhage
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_040

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney	Pelvis Papilla	Calculus, Microscopic Examination Mineralization Nephropathy Nephrosis, Hydro
Lung		Atelectasis Foreign Body, Reaction Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node Thymic Lymph Node	Cyst, Nos Periarteritis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_041

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Pheochromocytoma

Kidney

Nephropathy  
Nephrosis, Hydro

Liver

Periarteritis

Lung

Alveolar Macrophages  
Atelectasis

Parathyroid gland

Inflammation, Interstitial

Spleen

Hyperplasia, Nos

Stomach

Glandular Stomach  
Cardiac Stomach

Hemosiderosis

Degeneration, Cystic

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_042

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_043

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Active Chronic Mineralization
Intestine Large	Colon	Parasitism
Kidney		Nephropathy Nephrosis, Hydro
Lung		Atelectasis
Nasal cavity		Hemorrhage
Spleen		Congestion, Nos
Stomach		Mineralization
Unspecified	Multiple Organs Nos	Periarteritis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_044

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Cortex	Inflammation, Chronic
Liver		Congestion, Nos
Lung		Congestion, Nos
		Hemorrhage
		Hyperplasia, Lymphoid
Spleen		Congestion, Nos
Thymus		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_045

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver		Necrosis, Focal
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_046

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skin	Back	Cyst, Epidermal Inclusion
	Back	Fibrosis
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_047

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Cardiac Stomach	Acanthosis
	Submucosa	Edema, Nos
	Cardiac Stomach	Hyperkeratosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_048

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney

Cortex Nos  
Pulmonary Artery Nos

Hypertrophy, Focal  
Hypertrophy, Nos  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Hemorrhage  
Hemorrhage

Lung

Lymph node  
Thymus

Thymic Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney  
Lung

Pulmonary Artery Nos

Hypertrophy, Nos  
Nephropathy  
Congestion, Nos  
Hemorrhage  
Periarteritis  
Hyperplasia, Nos

Parathyroid gland

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_050

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Alveolar/Bronchiolar Carcinoma Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Thyroid		Hyperplasia, Follicular Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_051

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos Glomerulonephritis, Chronic
Liver	Bile Duct Portal Tract	Nephrosis, Hydro Hyperplasia, Nos Inflammation, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic Mineralization
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_052

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Mineralization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Thymus		Hemorrhage
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_053

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization  
Pheochromocytoma

Kidney

Pelvis

Calculus, Microscopic Examination  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Granuloma, Foreign Body  
Hemorrhage

Lung

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_054

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage Periarteritis
Lymph node Parathyroid gland	Thymic Lymph Node	Hemorrhage Adenoma, Nos Hyperplasia, Nos
Stomach	Cardiac Stomach	Hyperkeratosis Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_055

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Myocardium Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic Focal

Lung

Nephropathy

Congestion, Nos

Lymph node

Thymic Lymph Node

Hemorrhage

Spleen

Hemorrhage

Thyroid

Hemosiderosis

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_056

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Granuloma, Foreign Body
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_057

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperkeratosis
Thyroid	Follicle	Dilatation, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_058

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Stomach Thyroid	Glandular Stomach	Degeneration, Cystic C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_059

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Cortex Nos

Cytoplasmic Vacuolization  
Nephrosis, Hydro  
Alveolar Macrophages  
Congestion, Nos  
Hemorrhage

Lymph node  
Pancreas  
Parathyroid gland  
Spleen  
Thyroid

Thymic Lymph Node

Hemorrhage  
Inflammation, Chronic Focal  
Hyperplasia, Nos  
Hematopoiesis  
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_060

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal Periarteritis
	Atrium	Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Congestion, Nos Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bile Duct	Alveolar Macrophages Hemorrhage Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis Hemosiderosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_061

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Cortex Nos

Hypertrophy, Focal  
Nephropathy  
Congestion, Nos  
Edema, Nos  
Hemorrhage  
Hematopoiesis  
Hyperkeratosis  
Hemorrhage

Spleen  
Stomach  
Thymus

Cardiac Stomach

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_062

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Carcinoma, Nos, Metastatic Nephroblastoma Nephropathy
Liver	Necrosis, Nos
Lung	Atelectasis Hemorrhage
Peritoneum	Inflammation, Chronic
Prostate	Inflammation, Nos
Spleen	Hematopoiesis
Urinary bladder	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_063

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis C-Cell Carcinoma, Metastatic Hemorrhage Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic Aspermatogenesis
Testis		Atrophy, Nos Interstitial-Cell Tumor C-Cell Carcinoma
Thyroid		Dilatation, Nos
Trachea	Gland	Cyst, Epidermal Inclusion
Unspecified	Abdomen Abdomen	Foreign Body, Reaction

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_064

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Periarteritis
Intestine Small	Jejunum	Periarteritis
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Mineralization
Pancreas		Periarteritis
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
		Mineralization
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_065

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Hyperplasia, Focal
Heart	Cortex Nos Myocardium Nos	Inflammation, Chronic Focal Mineralization
Kidney		Cyst, Nos Glomerulonephritis, Chronic
	Pelvis	Hyperplasia, Epithelial Nephrosis, Hydro
Lung		Alveolar Macrophages Inflammation, Interstitial
Nasal cavity		Hemorrhage Inflammation, Nos
Pancreas		Acinar-Cell Adenoma Inflammation, Chronic Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic Mineralization
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_066

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Focal
		Hyperplasia, Epithelial
Lung		Nephropathy
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_067

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_068

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Atelectasis
		Congestion, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_069

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas		Inflammation, Chronic Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Carcinoma
Skin		Basal-Cell Tumor
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic Periarteritis
Thymus		Hyperplasia, C Cell
Thyroid		
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_070

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
		Periarteritis
Lymph node	Mesenteric Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_071

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hypertrophy, Focal
Kidney		Nephropathy Nephrosis, Hydro
Lung		Atelectasis C-Cell Carcinoma, Metastatic Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Spleen		Hematopoiesis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma
Unspecified	Face	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_072

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Hematopoiesis
Lung		Atelectasis
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified		Sebaceous Adenocarcinoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_073

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Cyst, Nos
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
Trachea	Gland	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_074

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Cortex Nos Pulmonary Artery Nos	Hypertrophy, Focal Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Necrosis, Nos
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Cyst, Nos
Spleen		Hematopoiesis Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Necrosis, Nos
Unspecified	Multiple Organs Nos	Hemorrhage
Urinary bladder		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_075

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Hypertrophy, Focal Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_076

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Meninges	Inflammation, Focal
Eye	Lacrimal Gland	Neurilemoma
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea		Inflammation, Nos
Unspecified	Groin	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_077

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Lymph node	Pancreatic Lymph Node	Hemorrhage
Thyroid		Hyperplasia, Follicular Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_078

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Unspecified	Leg	Lipoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_079

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Granuloma, Foreign Body
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_080

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis Cortex	Calculus, Microscopic Examination Cyst, Nos Nephropathy
Lung		Alveolar Macrophages Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pituitary gland		Basophil Carcinoma
Stomach	Cardiac Stomach	Hyperkeratosis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_081

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_082

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Focal
	Papilla	Hyperplasia, Epithelial
		Mineralization
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_083

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Calculus, Microscopic Examination
	Cortex	Cyst, Nos
		Nephropathy
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_084

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Stomach	Cardiac Stomach	Hyperkeratosis
Thymus		Hemorrhage
Thyroid		C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_085

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_086

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Congestion, Nos
Lung		Congestion, Nos
		Hemorrhage
		Periarteritis
Lymph node	Mandibular Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_087

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland Kidney	Cortex Nos	Hyperplasia, Focal Nephropathy Nephrosis, Hydro
Liver Lung	Centrilobular	Congestion, Nos Aspiration, Foreign Body Bronchopneumonia, Nos Congestion, Nos Hemorrhage
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_088

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Pancreas	Islets	Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Thymoma, Benign
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_089

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Congestion, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_090

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Thymic Lymph Node	Cyst, Nos
Pituitary gland	Anterior Pituitary	Basophil Adenoma Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_091

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Cyst, Hemorrhagic
Lung		Alveolar Macrophages Atelectasis Edema, Nos Hemorrhage
Pancreas		Inflammation, Chronic Focal
Skin		Keratoacanthoma
Spleen		Cyst, Hemorrhagic
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_092

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas		Hemangiopericytoma, Nos
Peritoneum		Inflammation, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_093

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Heart	Atrium	Thrombus, Organized
Intestine Large	Colon	Periarteritis
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Periarteritis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_094

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Hypertrophy, Focal
Kidney	Pelvis Pelvis	Calculus, Microscopic Examination Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Pituitary gland		Basophil Adenoma Neurilemoma, Malignant
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_095

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_096

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_097

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pituitary gland		Basophil Carcinoma
Spleen		Congestion, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_098

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Papilla	Mineralization
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
Unspecified		Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_099

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Salivary gland		Edema, Nos
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified	Back	Sebaceous Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_100

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos Periarteritis
Lung		Atelectasis
	Pleura Nos	Inflammation, Chronic Focal
	Pleura Nos	Neurilemoma, Malignant
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pancreas	Islets	Hyperplasia, Focal
Skin		Squamous Cell Carcinoma
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_101

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Congestion, Nos
		Hemorrhage
Skin		Keratoacanthoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos
		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_102

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Hyperplasia, Focal

Cortex Nos

Hypertrophy, Focal

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Nos

Kidney

Nephropathy

Lung

Congestion, Nos

Spleen

Hemorrhage

Stomach

Cardiac Stomach

Hematopoiesis

Glandular Stomach

Acanthosis

Cardiac Stomach

Degeneration, Cystic

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_103

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Eye	Cornea	Ulcer, Acute
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Organized
Intestine Small	Duodenum	Adenocarcinoma, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Granuloma, Foreign Body
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_104

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Mineralization
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
Pancreas	Islets	Inflammation, Chronic
		Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_105

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage Periarteritis
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Hemorrhage Periarteritis
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_106

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Mandibular Lymph Node	Hemorrhage Hyperplasia, Lymphoid
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_107

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Pancreatic Lymph Node Thymic Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage Periarteritis
Pancreas		Inflammation, Chronic Periarteritis
Parathyroid gland		Hyperplasia, Nos
Skin	Head	Keratoacanthoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis Mineralization
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_108

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Necrosis, Nos Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Inflammation, Interstitial Periarteritis
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas	Duct Nos	Inflammation, Chronic Inflammation, Nos Periarteritis
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic Hyperkeratosis
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_109

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Atelectasis
		Inflammation, Interstitial
Pancreas		Dilatation, Ducts
Spleen		Hematopoiesis
Stomach		Inflammation, Active Chronic
	Cardiac Stomach	Papilloma, Nos
		Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_110

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro Tubular-Cell Adenoma
Liver	Bile Duct	Inflammation, Nos
Lung		Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Thymus		Hemorrhage
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_111

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombus, Fibrin
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mandibular Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Skeletal muscle	Hip/Thigh	Edema, Nos
Spleen		Hematopoiesis Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_112

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Periarteritis
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro Tubular-Cell Adenoma
Lung		Congestion, Nos Hemorrhage Periarteritis
Pancreas		Inflammation, Active Chronic Periarteritis
Parathyroid gland		Hyperplasia, Nos
Thyroid		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_113

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Basophil Adenoma
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_114

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephroblastoma
		Nephropathy
Liver		Necrosis, Coagulative
Lung		Congestion, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Squamous Cell Carcinoma
Unspecified	Multiple Organs Nos	Nephroblastoma, Metastatic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_115

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Pyelonephritis, Nos
Lung		Atelectasis
		Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Periarteritis
Trachea	Gland	Dilatation, Nos
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_116

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos Atrium	Inflammation, Chronic Focal Thrombosis, Nos
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Granuloma, Foreign Body Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_117

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney

Jejunum  
Pelvis

Adenocarcinoma, Nos  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro  
Inflammation, Acute Necrotizing  
Alveolar Macrophages  
Atelectasis  
Hemorrhage

Liver  
Lung

Lymph node  
Parathyroid gland  
Spleen  
Stomach

Mesenteric Lymph Node

Cyst, Nos  
Hyperplasia, Nos  
Hematopoiesis

Thyroid

Glandular Stomach  
Cardiac Stomach

Degeneration, Cystic  
Hyperplasia, Epithelial  
C-Cell Adenoma  
Hyperplasia, C Cell

Trachea  
Unspecified

Gland  
Abdomen

Dilatation, Nos  
Edema, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_118

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex	Cyst, Nos Nephropathy Nephrosis, Hydro
Liver		Necrosis, Focal
Lung		Alveolar Macrophages Atelectasis Granuloma, Foreign Body
Lymph node	Mesenteric Lymph Node	Hemorrhage
Skin		Foreign Body, Reaction Keratoacanthoma
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_119

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Kidney		Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Congestion, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_120

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal Mineralization
	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
	Thymic Lymph Node	Hyperplasia, Reticulum Cell
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_971

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
  
Lung

Cortex Nos  
  
Papilla

Hyperplasia, Focal  
Inflammation, Chronic  
Mineralization  
Nephropathy  
Congestion, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_972

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Pneumonia, Aspiration
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_974

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Inflammation, Chronic
	Atrium	Thrombus, Fibrin
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Inflammation, Interstitial
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_975

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Cortex Nos

Hypertrophy, Focal  
Cast, Nos  
Aspiration, Foreign Body  
Bronchopneumonia, Nos  
Congestion, Nos

Lymph node  
Nasal cavity

Thymic Lymph Node

Hemorrhage  
Aspiration, Foreign Body  
Infection, Fungal  
Aspiration, Foreign Body  
Inflammation, Nos

Trachea

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_976

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified	Thorax	Fibroma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_977

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Cytoplasmic Vacuolization

Blood vessel

Cortex Nos

Hyperplasia, Focal

Kidney

Pulmonary Artery Nos

Hypertrophy, Nos

Lung

Pelvis

Hyperplasia, Epithelial

Nephropathy

Nephrosis, Hydro

Stomach

Glandular Stomach

Atelectasis

Hemorrhage

Inflammation, Interstitial

Testis

Degeneration, Cystic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_978

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung

Nephropathy  
Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_979

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
	Alveoli	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_980

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Heart	Atrium	Inflammation, Chronic Thrombus, Fibrin
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Congestion, Nos Edema, Nos Hemorrhage Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_981

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney

Cortex Nos

Hyperplasia, Focal  
Hemorrhage  
Cyst, Nos  
Nephropathy  
Nephrosis, Hydro  
Hemorrhage  
Dilatation, Nos  
Lymphoma, Mixed-Malignant Type

Lung  
Trachea  
Unspecified

Gland  
Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_982

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Colon  
Pelvis

Cortical Adenoma  
Parasitism  
Hyperplasia, Epithelial  
Nephropathy

Liver  
Lung

Bile Duct

Nephrosis, Hydro  
Hyperplasia, Nos  
Atelectasis

Spleen  
Stomach

Cardiac Stomach  
Cardiac Stomach

Hemorrhage  
Hemosiderosis  
Hyperkeratosis  
Hyperplasia, Epithelial  
Edema, Nos

Unspecified

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_983

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_984

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Heart	Atrium	Hypertrophy, Nos
	Atrium	Thrombus, Fibrin
Kidney	Cortex	Thrombus, Organized
		Cyst, Nos
		Nephropathy
Lung		Nephrosis, Hydro
		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Mineralization
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_985

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Necrosis, Cortical
Intestine Small Kidney	Jejunum	Periarteritis Cyst, Nos Glomerulonephritis, Chronic Nephrosis, Hydro
Lung Lymph node	Mesenteric Lymph Node Thymic Lymph Node Mesenteric Lymph Node	Edema, Nos Hemorrhage Hemorrhage Periarteritis
Pancreas		Inflammation, Chronic Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach Glandular Stomach Cardiac Stomach	Acanthosis Degeneration, Cystic Hyperkeratosis Mineralization
Testis		Aspermatogenesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_986

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Medulla

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hyperplasia, Focal

Kidney

Nephropathy  
Nephrosis, Hydro

Liver

Bile Duct

Hyperplasia, Nos  
Alveolar Macrophages  
Congestion, Nos

Lung

Hemorrhage

Spleen

Hematopoiesis  
Hemosiderosis

Stomach

Cardiac Stomach

Hyperplasia, Epithelial

Thymus

Hemorrhage

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_987

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Intestine Large Kidney	Colon Cortex	Parasitism Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node Spleen	Mesenteric Lymph Node	Hemorrhage Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Squamous Cell Carcinoma, In Situ C-Cell Adenoma
Thyroid		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_988

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal

Intestine Large

Rectum

Parasitism

Kidney

Pelvis

Hyperplasia, Epithelial

Lung

Nephropathy

Spleen

Nephrosis, Hydro

Stomach

Atelectasis

Trachea

Cardiac Stomach  
Gland

Hemosiderosis

Hyperplasia, Epithelial

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_989

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
Unspecified		Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_990

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Calculus, Microscopic Examination  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Hemorrhage  
Hyperkeratosis

Kidney

Pelvis

Lung

Stomach

Cardiac Stomach

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_991

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Nasal cavity		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_992

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortex Nos

Cornea

Eye

Kidney

Lung

Lymph node

Mandibular Lymph Node

Nasal cavity

Thyroid

Cortical Adenoma

Cytoplasmic Vacuolization

Hyperplasia, Focal

Inflammation, Chronic

Nephropathy

Congestion, Nos

Hemorrhage

Pneumonia, Aspiration

Congestion, Nos

Hemorrhage

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_993

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
Lymph node	Mesenteric Lymph Node	Alveolar Macrophages
Parathyroid gland		Hemorrhage
Stomach	Glandular Stomach	Hyperplasia, Nos
Trachea	Gland	Degeneration, Cystic
		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_994

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma, Malignant
Brain		Astrocytoma
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Lung		Congestion, Nos Hemorrhage
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Cyst, Nos Hemorrhage
Spleen		Congestion, Nos
Stomach	Cardiac Stomach	Papilloma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_995

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Granuloma, Foreign Body
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_996

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma, Malignant
Blood vessel Kidney	Pulmonary Artery Nos	Hypertrophy, Nos Cyst, Nos Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Atelectasis Hemorrhage Periarteritis
Lymph node Pancreas	Thymic Lymph Node	Hemorrhage Inflammation, Chronic Focal Periarteritis
Parathyroid gland Spleen		Hyperplasia, Nos Hematopoiesis Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_997

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Cortical Adenoma  
Nephropathy  
Congestion, Nos  
Edema, Nos  
Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_998

**TRT#:** 4  
**DOSE:** 400 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization Pheochromocytoma
Brain	Cerebellum Nos Cerebellum Nos	Fibrosarcoma, Metastatic Hemorrhage
Kidney		Nephropathy Nephrosis, Hydro
Lung		Fibrosarcoma, Metastatic Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node Mesenteric Lymph Node	Cyst, Nos Plasmacytosis
Pancreas	Duct Nos	Hyperplasia, Focal Periarteritis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Carcinoma
Thyroid		C-Cell Carcinoma
Unspecified		Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>ANIMAL ID:</b> 4_999	<b>TRT#:</b> 4 <b>DOSE:</b> 400 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos	Angiectasis	
Ear	External Ear External Ear	Fibrosarcoma Ulcer, Nos	
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar Macrophages Atelectasis Inflammation, Interstitial	
Lymph node		Cyst, Nos Edema, Nos Hyperplasia, Reticulum Cell Inflammation, Chronic	
Pancreas		Inflammation, Chronic	
Peritoneum		Inflammation, Chronic	
Skin		Squamous Cell Carcinoma, In Situ	
Spleen		Hematopoiesis	
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach  Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial Leiomyosarcoma Papilloma, Nos Ulcer, Nos	
<b>PRIMARY CAUSE OF DEATH</b> -			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_211

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex Nos	Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_212

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Cyst, Nos
Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Pancreatic Lymph Node	Cyst, Nos
Parathyroid gland	Thymic Lymph Node	Hemorrhage
Stomach	Glandular Stomach	Adenoma, Nos
Trachea	Cardiac Stomach	Degeneration, Cystic
	Gland	Squamous Cell Carcinoma Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_213

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Calculus, Microscopic Examination
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_214

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Ganglioneuroma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Focal
Kidney		Hypertrophy, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Tubular-Cell Adenoma
		Alveolar Macrophages
		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemorrhage
Stomach	Glandular Stomach	Hemosiderosis
Trachea	Gland	Degeneration, Cystic
		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_215

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Granuloma, Foreign Body Inflammation, Interstitial
Stomach Trachea	Glandular Stomach Gland	Degeneration, Cystic Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_216

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Nasal cavity		Hemorrhage
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos
Unspecified		Hemangiosarcoma
Urinary bladder		Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_217

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Pheochromocytoma

Intestine Large

Colon

Parasitism

Kidney

Cortex

Cyst, Nos  
Nephropathy  
Nephrosis, Hydro

Liver

Centrilobular

Congestion, Nos  
Congestion, Nos

Lung

Hemorrhage

Lymph node

Thymic Lymph Node

Hemorrhage

Parathyroid gland

Hyperplasia, Nos

Spleen

Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_218

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney		Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Edema, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Peritoneum		Inflammation, Nos
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_219

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Organized
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_220

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Atelectasis
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Congestion, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_222

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Necrosis, Focal
Lung		Alveolar Macrophages
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_223

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_224

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
Liver		Nephrosis, Hydro
Lung		Inflammation, Focal
		Alveolar Macrophages
		Atelectasis
Spleen		Hemorrhage
Stomach	Cardiac Stomach	Hemosiderosis
Trachea	Gland	Hyperplasia, Epithelial
		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_225

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Focal
		Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Nephrosis, Hydro
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Nos
		Alveolar Macrophages
Spleen		Atelectasis
		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_226

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney		Adhesion, Fibrous
	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_227

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cyst, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_228

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hypertrophy, Focal  
Pheochromocytoma

Kidney

Pelvis

Hyperplasia, Epithelial  
Infarct, Healed  
Nephropathy  
Nephrosis, Hydro

Liver

Bile Duct

Hyperplasia, Nos  
Alveolar Macrophages  
Atelectasis

Lung

Lymph node

Mesenteric Lymph Node

Hemorrhage  
Hemorrhage

Pancreas

Islets

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Congestion, Nos

Spleen

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_229

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Intestine Small	Duodenum	Adenocarcinoma, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Inflammation, Interstitial
Pancreas	Acinus	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_230

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Intestine Small	Mucosa, Duodenum	Hypertrophy, Focal
Kidney	Pelvis	Fibrosis, Focal
		Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Nephrosis, Hydro
Lung		Hyperplasia, Nos
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_231

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Groin	Abscess, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_232

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland		Basophil Carcinoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_233

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic Mineralization
Intestine Large	Cecum, Colon Cecum, Colon Cecum, Colon	Edema, Nos Hemorrhage Inflammation, Nos
Kidney		Cyst, Nos Nephropathy
Liver		Periarteritis
Lung		Atelectasis
Nasal cavity		Hemorrhage
Spleen		Hematopoiesis
Stomach		Mineralization

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_234

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_235

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Bone		Osteosarcoma
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
Pituitary gland		Basophil Carcinoma
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Mucosa	Fibrosis, Focal
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_236

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Nos
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Nephrosis, Hydro
Lung		Necrosis, Focal
		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Pancreas	Acinus	Hyperplasia, Nodular
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_237

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Prostate		Hyperplasia, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_238

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Cortical Adenoma  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Pheochromocytoma

Kidney

Cortex  
Pelvis

Cyst, Nos  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro

Liver

Bile Duct

Hyperplasia, Nos  
Alveolar Macrophages  
Atelectasis

Lung

Hemorrhage

Spleen

Hemosiderosis

Stomach

Glandular Stomach

Degeneration, Cystic

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_239

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Cytoplasmic Vacuolization
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Thymic Lymph Node	Hemorrhage
Mammary gland		Galactocele
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Urinary bladder	Mucosa	Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_240

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy
Lung		Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Pancreas		Sarcoma, Nos, Metastatic
Spleen		Hematopoiesis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Unspecified	Abdominal Cavity	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_241

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Skin	Dermis	Edema, Nos
Stomach	Cardiac Stomach	Acanthosis
Thyroid		C-Cell Adenoma
Unspecified		Edema, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_243

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nephrosis, Hydro
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_244

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Esophagus		Hyperkeratosis
Kidney		Nephropathy
Liver		Hematopoiesis
Lung		Congestion, Nos
		Hemangiosarcoma, Metastatic
		Hemorrhage
		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Unspecified	Thorax	Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_245

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Atelectasis
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Congestion, Nos
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell Hyperplasia, Follicular Cell
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_246

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
Lymph node	Thymic Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_247

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
Bone		Osteoma
Brain		Hemorrhage
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Bronchopneumonia, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Congestion, Nos
		Hemosiderosis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma, In Situ

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_248

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex Nos Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
		Tubular-Cell Adenoma
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Seminal vesicle		Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_249

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Medulla	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
Lymph node	Thymic Lymph Node	Cyst, Nos
	Thymic Lymph Node	Hemorrhage
Pancreas	Islets	Islet-Cell Carcinoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_250

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver Lung	Bile Duct	Hyperplasia, Nos Atelectasis Hyperplasia, Adenomatous Inflammation, Interstitial
Lymph node	Thymic Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hemorrhage
Parathyroid gland Spleen		Hyperplasia, Nos Congestion, Nos Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial Hyperplasia, C Cell
Thyroid		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_251

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_252

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Congestion, Nos Hemorrhage Inflammation, Interstitial
Pancreas		Acinar-Cell Carcinoma
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach Cardiac Stomach	Degeneration, Cystic Hyperkeratosis Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_253

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Centrilobular Centrilobular	Congestion, Nos Cytoplasmic Vacuolization
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node Thymic Lymph Node	Hemorrhage Hemorrhage
Prostate		Distention
Seminal vesicle		Distention
Spleen		Hemorrhage
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_254

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Dosing Accident

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos
		Nephropathy
Lung		Congestion, Nos
		Hemorrhage
Spleen		Congestion, Nos
Thymus		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_255

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro Tubular-Cell Adenocarcinoma
Lung		Atelectasis Hemorrhage Inflammation, Interstitial Tubular-Cell Adenocarcinoma, Metastatic
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_256

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Papilloma, Nos
Thyroid		C-Cell Adenoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_257

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Congestion, Nos
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Acanthosis
	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_258

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver		Infarct, Acute
Lung		Alveolar Macrophages Atelectasis
Spleen		Hemosiderosis
Stomach	Glandular Stomach Cardiac Stomach	Degeneration, Cystic Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Trachea		Periarteritis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_259

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Paraganglioma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Nephrosis, Hydro
		Alveolar Macrophages
		Atelectasis
Pancreas		Inflammation, Interstitial
Spleen		Acinar-Cell Carcinoma
Stomach	Cardiac Stomach	Hemosiderosis
Thyroid		Hyperplasia, Epithelial
		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_260

**TRT#:** 5  
**DOSE:** 900 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Spleen		Congestion, Nos
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_351

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_352

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart

Kidney  
Lung

Spleen  
Testis

Atrium  
Cortex

Pheochromocytoma  
Neurofibrosarcoma  
Thrombus, Fibrin  
Inflammation, Chronic  
Alveolar Macrophages  
Congestion, Nos  
Hemorrhage  
Periarteritis  
Hematopoiesis  
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_353

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar Macrophages
		Atelectasis
Pancreas		Inflammation, Chronic Focal
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_354

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_355

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Spermatocele
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Parathyroid gland		Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_356

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro Tubular-Cell Adenocarcinoma
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Thymic Lymph Node Mesenteric Lymph Node Thymic Lymph Node	Cyst, Nos Hemorrhage Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_357

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Kidney		Cyst, Nos Nephropathy Nephrosis, Hydro
Liver	Centrilobular Bile Duct	Cytoplasmic Vacuolization Hyperplasia, Nos
Lung		Atelectasis Congestion, Nos Hemorrhage
Parathyroid gland		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_358

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Edema, Nos
	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_359

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Pelvis

Cytoplasmic Vacuolization

Hyperplasia, Epithelial

Infarct, Healed

Nephropathy

Nephrosis, Hydro

Liver

Bile Duct

Hyperplasia, Nos

Lung

Atelectasis

Spleen

Hemosiderosis

Stomach

Glandular Stomach

Degeneration, Cystic

Cardiac Stomach

Hyperplasia, Epithelial

Testis

Atrophy, Nos

Trachea

Gland

Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_360

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Ganglioneuroma
	Medulla	Hyperplasia, Focal
Heart	Atrium	Hyperplasia, Focal
Kidney	Cortex	Thrombus, Organized
	Pelvis	Cyst, Nos
		Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Nephrosis, Hydro
Lung		Hyperplasia, Nos
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_361

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Cortex	Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Tubular-Cell Adenoma
	Bile Duct	Cytoplasmic Vacuolization
		Hyperplasia, Nos
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Mammary gland		Adenocarcinoma, Nos
Seminal vesicle		Cyst, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_362

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Spermatocoele
Epididymis		Parasitism
Intestine Large	Colon	Hyperplasia, Epithelial
Kidney	Pelvis	Nephropathy Nephrosis, Hydro Tubular-Cell Adenocarcinoma
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Atrophy, Nos Interstitial-Cell Tumor Spermatocoele
Thyroid		Hyperplasia, Follicular Cell
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_363

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Liver Lung	Centrilobular	Congestion, Nos Atelectasis Granuloma, Foreign Body Periarteritis
Lymph node Parathyroid gland Spleen	Thymic Lymph Node	Congestion, Nos Hyperplasia, Nos Hemosiderosis
Stomach	Cardiac Stomach	Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_364

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Heart		Cyst, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_365

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cortical Adenoma Hyperplasia, Focal Pheochromocytoma
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro Tubular-Cell Adenoma
Lung		Atelectasis Hemorrhage Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Islets	Hyperplasia, Nos Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_366

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Esophagus		Hyperkeratosis
Eye	Retina	Atrophy, Nos
Kidney	Cortex	Inflammation, Nos
		Nephrosis, Hydro
Lung		Aspiration, Foreign Body
		Atelectasis
		Bronchopneumonia, Nos
	Bronchiole	Inflammation, Nos
Pancreas		Acinar-Cell Adenoma
	Islets	Hyperplasia, Nos
Spleen		Hematopoiesis
Unspecified	Neck	Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_367

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy  
Nephrosis, Hydro

Liver

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Nasal cavity

Hemorrhage

Spleen

Hemorrhage

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_368

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Hypertrophy, Focal

Kidney

Pelvis

Hypertrophy, Nos

Hyperplasia, Epithelial

Nephropathy

Liver

Bile Duct

Nephrosis, Hydro

Lung

Hyperplasia, Nos

Congestion, Nos

Hemorrhage

Lymph node

Thymic Lymph Node

Hemorrhage

Spleen

Congestion, Nos

Hemosiderosis

Stomach

Cardiac Stomach

Hyperkeratosis

Trachea

Gland

Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_369

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Hemorrhage
		Necrosis, Focal
Kidney		Infarct, Healed
		Nephropathy
Lung		Atelectasis
		Hemorrhage
Stomach	Cardiac Stomach	Papilloma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_370

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Urinary bladder	Mucosa	Hyperplasia, Polypoid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_371

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Congestion, Nos
		Edema, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_372

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Cortex Nos

Cytoplasmic Vacuolization

Pelvis

Hyperplasia, Focal

Liver

Bile Duct

Hyperplasia, Epithelial

Lung

Nephropathy

Nephrosis, Hydro

Hyperplasia, Nos

Alveolar Macrophages

Atelectasis

Hemorrhage

Inflammation, Interstitial

Pituitary gland

Basophil Carcinoma

Spleen

Hemosiderosis

Stomach

Glandular Stomach

Degeneration, Cystic

Trachea

Gland

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_373

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Cytoplasmic Vacuolization

Lung

Nephropathy

Nephrosis, Hydro

Alveolar Macrophages

Atelectasis

Hemorrhage

Inflammation, Interstitial

Spleen

Hemosiderosis

Trachea

Gland

Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 6\_374

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
Lung		Hemorrhage
Nasal cavity		Hemorrhage
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_375

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Cast, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
		Hyperplasia, Lymphoid
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Infection, Fungal
Penis	Prepuce Nos	Inflammation, Acute
Spleen		Hemosiderosis
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_376

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Blood vessel  
Kidney

Pulmonary Artery Nos  
Pelvis

Hypertrophy, Nos  
Hyperplasia, Epithelial  
Nephropathy  
Nephrosis, Hydro  
Congestion, Nos  
Granuloma, Foreign Body

Lung

Hemorrhage

Lymph node  
Stomach  
Trachea

Thymic Lymph Node  
Cardiac Stomach  
Gland

Hemorrhage  
Hyperplasia, Epithelial  
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_377

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hyperplasia, Focal Pheochromocytoma
Kidney		Nephropathy
Lung		Alveolar Macrophages Atelectasis Inflammation, Interstitial
Lymph node	Thymic Lymph Node	Hemorrhage
Salivary gland		Undifferentiated Carcinoma
Spleen		Hemosiderosis
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_378

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart	Atrium	Thrombus, Fibrin
Kidney		Infarct, Healed
		Nephropathy
		Nephrosis, Hydro
Lung		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos
		Periarteritis
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_379

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Cortex Pelvis	Cyst, Nos Hyperplasia, Epithelial Infarct, Healed Nephropathy Nephrosis, Hydro
Liver	Bile Duct Bile Duct	Cyst, Nos Fibrosis, Cholangio Hyperplasia, Nos Inflammation, Focal
Lung	Capsule	Inflammation, With Fibrosis Alveolar Macrophages Atelectasis Inflammation, Interstitial
Lymph node Spleen Thyroid Trachea	Mesenteric Lymph Node Gland	Hemorrhage Hemosiderosis C-Cell Carcinoma Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_380

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
		Nephrosis, Hydro
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_381

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Cytoplasmic Vacuolization  
Infarct, Healed  
Nephropathy  
Nephrosis, Hydro

Liver  
Lung

Cytoplasmic Vacuolization  
Alveolar Macrophages  
Atelectasis

Lymph node  
Stomach

Mesenteric Lymph Node  
Glandular Stomach  
Cardiac Stomach

Hemorrhage  
Degeneration, Cystic  
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_382

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Brain		Necrosis, Focal
Kidney	Pelvis	Empyema
		Nephropathy
		Nephrosis, Hydro
Lung		Atelectasis
Seminal vesicle		Cyst, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Thymus		Thymoma, Benign
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Hemorrhage
	Multiple Organs Nos	Leukemia, Granulocytic
Urinary bladder		Inflammation, Focal

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_383

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_384

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Cytoplasmic Vacuolization
	Hepatic Sinusoid	Dilatation, Nos
Lung		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos
Unspecified	Neck	Neurofibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_385

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Tubule

Lung

Skeletal muscle

Spleen

Stomach

Urinary bladder

Cardiac Stomach

Pheochromocytoma, Malignant

Dilatation, Nos

Fibrosis, Diffuse

Nephrosis, Hydro

Atelectasis

Hemorrhage

Infarct, Hemorrhagic

Inflammation, Interstitial

Rhabdomyosarcoma, Metastatic

Rhabdomyosarcoma

Hematopoiesis

Acanthosis

Hyperplasia, Epithelial

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_386

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Kidney	Cortex	Cyst, Nos
		Infarct, Healed
		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_387

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Lung		Tubular-Cell Adenoma
		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Spleen		Inflammation, Interstitial
Stomach	Glandular Stomach	Hemosiderosis
	Cardiac Stomach	Degeneration, Cystic
		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_388

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Inflammation, Acute Focal
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
		Nephrosis, Hydro
Lung		Edema, Nos
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_389

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
Pituitary gland		Basophil Adenoma
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_390

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hypertrophy, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Tubular-Cell Adenoma
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_391

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Cortex Nos	Hyperplasia, Epithelial
	Pelvis	Nephropathy Nephrosis, Hydro
Lung		Atelectasis Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_392

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
		Nephrosis, Hydro
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemosiderosis
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma
Unspecified		Neurofibroma

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_393

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver	Centrilobular	Cytoplasmic Vacuolization
Lung		Alveolar Macrophages
		Atelectasis
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_394

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Heart		Neurilemoma, Malignant
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Hemorrhage
		Inflammation, Interstitial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Neck	Neurofibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_395

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos
Urinary bladder		Inflammation, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_396

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Kidney	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Infarct, Healed
		Nephropathy
Liver		Nephrosis, Hydro
		Bile Duct Carcinoma
		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Thyroid		C-Cell Carcinoma
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_397

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma Cytoplasmic Vacuolization Hyperplasia, Focal
	Cortex Nos	Hyperplasia, Focal
	Medulla	Cyst, Nos
Kidney	Cortex	Hyperplasia, Epithelial
	Pelvis	Nephropathy Nephrosis, Hydro
Lung		Alveolar Macrophages Atelectasis Fibrosis, Focal Hemorrhage Inflammation, Granulomatous Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_398

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
Epididymis		Spermatocele
Kidney		Nephropathy
		Nephrosis, Hydro
		Tubular-Cell Adenoma
Liver	Bile Duct	Cyst, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Atelectasis
		Congestion, Nos
Lymph node	Thymic Lymph Node	Hemorrhage
Skin		Squamous Cell Carcinoma
Stomach	Cardiac Stomach	Squamous Cell Carcinoma
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 6\_399

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1800 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma, Malignant
Kidney	Pelvis	Hyperplasia, Epithelial Infarct, Healed Nephropathy
Liver		Fibrosis, Cholangio
Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages Atelectasis Congestion, Nos Hemorrhage
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Degeneration, Cystic
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 6\_400

**TRT#:** 6  
**DOSE:** 1800 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel	Aorta Nos	Mineralization
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Necrosis, Focal
Lung		Edema, Nos
Stomach	Glandular Stomach	Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_001

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Abscess, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Suppurative
		Metaplasia, Squamous
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_002

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Adenocarcinoma, Nos
Skeletal muscle		Fibrous Histiocytoma, Malignant
Thyroid		Cyst, Ultimobranchial
		Hyperplasia, Follicular Cell
Unspecified		Fibrous Histiocytoma, Malignant

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_003

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos
Kidney	
Lung	
Unspecified	

Fibrosis  
Inflammation, Chronic  
Alveolar Macrophages  
Fibrous Histiocytoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_004

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Epididymis		Hyperplasia, Epithelial
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_005

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Suppurative
Skin		Inflammation, Suppurative
Trachea		Inflammation, Suppurative
Urinary bladder		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_007

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos	Calcification, Nos
Bone		Osteoporosis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Inflammation, Nos
Pancreas		Fibrosis, Focal
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Suppurative
		Metaplasia, Squamous
Stomach	Mucosa	Calcification, Nos
Testis		Atrophy, Nos
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_008

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_009

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hemangiosarcoma
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_010

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 7\_011

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Testis		Atrophy, Nos
Thyroid		Follicular-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_012

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Bile Duct

Lung  
Pancreas  
Parathyroid gland  
Thyroid

Pheochromocytoma  
Inflammation, Chronic  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Fibrosis, Focal  
Hyperplasia, Nos  
Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_013

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pancreas		Fibrosis, Focal
Spleen		Hematopoiesis
Testis		Periarteritis
Thyroid		Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_014

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Bile Duct Bile Duct	Fibrosis Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Suppurative Metaplasia, Squamous
Testis		Atrophy, Nos
Trachea		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_015

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Suppurative Metaplasia, Squamous
Spleen		Hemangiosarcoma
Thyroid		Follicular-Cell Carcinoma
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_016

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
Lung		Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
Trachea		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_017

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Hyperplasia, Epithelial
		Inflammation, Suppurative
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_018

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Suppurative
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 7\_019

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos	Calcification, Nos
	Coronary Artery Nos	Calcification, Nos
	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney	Medulla	Calcification, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
		Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Suppurative
Stomach	Mucosa	Calcification, Nos
Testis		Atrophy, Nos
		Periarteritis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 7\_020

**TRT#:** 7  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney

Aorta Nos  
Medulla

Calcification, Nos  
Calcification, Nos  
Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_001

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Cervical Lymph Node Nos	Hyperplasia, Lymphoid
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemangiosarcoma
		Hyperplasia, Reticulum Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_002

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Calcification, Nos
Heart	Myocardium Nos	Inflammation, Suppurative
Kidney	Cortex	Abscess, Nos
		Inflammation, Chronic
Liver		Abscess, Nos
	Centrilobular	Necrosis, Diffuse
Lung	Alveoli	Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
Unspecified		Fibrous Histiocytoma, Malignant
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_003

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos	Calcification, Nos
	Coronary Artery Nos	Calcification, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Stomach	Mucosa	Calcification, Nos
Testis	Tunica Vaginalis	Hyperplasia, Mesothelial
		Periarteritis
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_004

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Inflammation, Nos Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Trachea	Tunica Vaginalis	Hyperplasia, Mesothelial
Unspecified		Inflammation, Suppurative Fibrous Histiocytoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_005

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney  
Liver

Inflammation, Chronic  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Pneumonia, Chronic Murine  
Hemangioma  
Cyst, Ultimobranchial  
Inflammation, Nos

Lung  
Spleen  
Thyroid  
Trachea

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**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_006

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos	Calcification, Nos
	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hepatocytomegaly
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Fibrosis
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
		Periarteritis
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_007

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization Hepatocytomegaly
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Unspecified	Mediastinum Nos	Abscess, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_008

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos	Calcification, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Centrilobular	Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Salivary gland		Abscess, Nos
Testis		Atrophy, Nos
Thyroid		Cystic Follicles
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_009

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Calcification, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Alveolar Macrophages
Lymph node	Prostatic Lymph Node	Angiectasis
Parathyroid gland		Hyperplasia, Nos
Spleen		Hemangioma
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_010

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Suppurative
Pancreas		Fibrosis, Focal
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Stomach	Mucosa	Calcification, Nos
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_011

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Trachea		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_012

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Alveolar Macrophages
		Pneumonia, Chronic Murine
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Trachea		Inflammation, Suppurative
Unspecified	Axilla	Fibrous Histiocytoma, Malignant

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_013

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Pancreatic Lymph Node	Angiectasis
Mammary gland		Hyperplasia, Nodular
Salivary gland		Edema, Nos
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_014

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Mammary gland		Hyperplasia, Nodular
Pancreas	Islets	Islet-Cell Adenoma
Thyroid		Cyst, Ultimobranchial

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_015

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung	Abscess, Nos Alveolar Macrophages Metaplasia, Squamous Pneumonia, Chronic Murine
Testis	Atrophy, Nos Congestion, Nos Edema, Nos
Trachea	Inflammation, Suppurative
Urinary bladder	Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_016

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Epididymis		Inflammation, Suppurative
Heart		Mixed Tumor, Metastatic
Kidney		Inflammation, Chronic
		Mixed Tumor, Malignant
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bronchiole	Inflammation, Suppurative
		Mixed Tumor, Metastatic
Prostate		Inflammation, Suppurative
		Metaplasia, Squamous
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_017

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Spleen  
Trachea  
Urinary bladder

Inflammation, Chronic  
Hemosiderosis  
Inflammation, Suppurative  
Hyperplasia, Epithelial  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_018

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Pneumonia, Aspiration
Testis		Atrophy, Nos
	Tubule	Calcification, Nos
Trachea		Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_019

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Lung

Trachea

Bile Duct

Inflammation, Chronic

Hyperplasia, Nos

Pneumonia, Chronic Murine

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_020

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenoma
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Testis		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_021

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Brain		Astrocytoma
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
Lung		Alveolar Macrophages
		Pneumonia, Chronic Murine
Trachea		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_022

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Cortex	Abscess, Nos
Lung	Bronchiole	Inflammation, Suppurative
		Metaplasia, Osseous
Prostate		Inflammation, Suppurative
Stomach	Mucosa	Calcification, Nos
Testis		Atrophy, Nos
		Calcification, Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_023

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metaplasia, Osseous

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Nos

Parathyroid gland

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_024

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Nos
Kidney		Hamartoma
		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Suppurative
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Periarteritis
Trachea		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_025

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic Mixed Tumor, Malignant Tubular-Cell Adenoma
Liver	Metamorphosis, Fatty
Prostate	Inflammation, Suppurative
Trachea	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_026

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Pericardium Nos	Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
		Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Stomach		Ulcer, Focal
Testis		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_027

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Suppurative
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_028

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Angiectasis
		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
		Periarteritis
Prostate		Inflammation, Suppurative
Trachea		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_029

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver

Cytoplasmic Vacuolization

Hepatocytomegaly

Lung

Metamorphosis, Fatty

Pneumonia, Aspiration

Skin

Pneumonia, Chronic Murine

Spleen

Keratoacanthoma

Trachea

Hemangioma

Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_030

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bronchiole	Inflammation, Suppurative
Parathyroid gland		Hyperplasia, Nos
Skin		Squamous Cell Carcinoma
Spleen		Hematopoiesis
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma
		Cystic Follicles
		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_031

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic Alveolar Macrophages Pneumonia, Chronic Murine
Lung		Hyperplasia, Nos Chromophobe Adenoma Atrophy, Nos
Parathyroid gland		
Pituitary gland		
Testis		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_032

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Testis  
Thyroid

Cortex Nos

Cytomegaly  
Inflammation, Chronic  
Alveolar/Bronchiolar Adenoma  
Atrophy, Nos  
Cyst, Ultimobranchial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_033

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization Hepatocytomegaly
Lung	Bronchiole	Inflammation, Suppurative
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
Thyroid		C-Cell Adenoma Cystic Follicles
Trachea		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_034

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Epicardium	Inflammation, Suppurative
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Alveolar Macrophages
		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Stomach		Ulcer, Focal
Testis		Atrophy, Nos
		Periarteritis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_035

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
		Pneumonia, Chronic Murine
Testis		Atrophy, Nos
Thyroid		Cystic Follicles

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_036

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Blood vessel  
Heart  
Kidney  
Lung  
Spleen  
Testis

Mesenteric Artery Nos  
Myocardium Nos

Periarteritis  
Fibrosis  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Hematopoiesis  
Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_037

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver

Bile Duct

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_038

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos Myocardium Nos	Fibrosis, Focal Inflammation, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct Bile Duct	Hyperplasia, Nos Inflammation, Nos
Lung		Alveolar Macrophages Pneumonia, Chronic Murine
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_039

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos	Calcification, Nos
	Coronary Artery Nos	Calcification, Nos
Heart	Myocardium Nos	Calcification, Nos
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Metamorphosis, Fatty
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_040

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Thyroid		Follicular-Cell Adenoma

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_041

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Alveolar Macrophages
	Bronchiole	Inflammation, Suppurative
Parathyroid gland		Hyperplasia, Nos
Prostate		Inflammation, Suppurative
		Metaplasia, Squamous
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_042

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Trachea

Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_043

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hepatocytomegaly
		Hyperplasia, Nos
		Neoplastic Nodule
Lung	Bronchiole	Inflammation, Suppurative
Pancreas		Periarteritis
Salivary gland		Atrophy, Nos
		Fibrosis, Diffuse
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_044

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung  
Trachea

Inflammation, Chronic  
Alveolar Macrophages  
Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_045

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos Epicardium Myocardium Nos	Fibrosis Inflammation, Nos Inflammation, Nos Inflammation, Chronic
Kidney		Hepatocytomegaly
Liver	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Suppurative
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 8\_046

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver

Inflammation, Chronic  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Hyperplasia, Nos  
Pneumonia, Chronic Murine

Bile Duct

Lung

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_047

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Hyperplasia, Alveolar Epithelium
		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Spleen		Hematopoiesis
Testis		Periarteritis
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 8\_048

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney	Inflammation, Chronic
Liver	Cytoplasmic Vacuolization Hepatocytomegaly
Lung	Pneumonia, Aspiration
Prostate	Inflammation, Suppurative
Urethra	Calculus, Unknown Gross Or Micro

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_049

**TRT#:** 8  
**DOSE:** 090.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Suppurative
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 8\_050

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 090.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Prostate		Metaplasia, Squamous
Spleen		Hemosiderosis
Testis		Atrophy, Nos
Trachea		Inflammation, Suppurative
		Metaplasia, Squamous
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_001

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
		Pneumonia, Chronic Murine
		Pneumonia, Chronic Murine
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Skin		Periarteritis
Testis		Atrophy, Nos
Trachea		Inflammation, Nos
Unspecified		Fibrous Histiocytoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_002

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung  
Trachea

Alveolar Macrophages  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_003

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney

Ileum

Fibrosarcoma  
Hamartoma  
Inflammation, Chronic  
Cytoplasmic Vacuolization  
Hepatocytomegaly

Liver

Bile Duct  
Bile Duct

Hyperplasia, Nos  
Inflammation, Nos  
Alveolar Macrophages

Lung

Bronchiole

Inflammation, Suppurative  
Periarteritis  
Hyperplasia, Nos  
Inflammation, Suppurative

Pancreas  
Parathyroid gland  
Trachea

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_004

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung  
Abscess, Nos  
Pneumonia, Aspiration

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_005

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart  
Lung

Myocardium Nos

Fibrosis  
Abscess, Nos

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_006

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney  
Liver

Inflammation, Chronic  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Atrophy, Nos

Bile Duct

Lung  
Testis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_007

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Inflammation, Nos
Lung		Alveolar Macrophages
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_008

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Small	Ileum	Tubular-Cell Adenocarcinoma, Metastatic
Kidney		Tubular-Cell Adenocarcinoma
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Necrosis, Focal
Lung		Alveolar Macrophages Hyperplasia, Alveolar Epithelium Pneumonia, Chronic Murine
Pancreas		Tubular-Cell Adenocarcinoma, Metastatic
Prostate		Tubular-Cell Adenocarcinoma, Metastatic
Spleen		Inflammation, Suppurative Tubular-Cell Adenocarcinoma, Metastatic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 9\_009

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney  
Lung  
Parathyroid gland  
Testis  
Trachea

Inflammation, Chronic  
Pneumonia, Chronic Murine  
Hyperplasia, Nos  
Atrophy, Nos  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_010

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization Hepatocytomegaly
Lung		Alveolar Macrophages
Skin	Bronchiole	Inflammation, Suppurative
Testis		Ulcer, Focal
Thyroid	Tunica Vaginalis	Hyperplasia, Mesothelial C-Cell Adenoma Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_011

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Kidney  
Lung  
Pancreas

Mesenteric Artery Nos

Periarteritis  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Periarteritis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:33  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_012

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
		Neoplastic Nodule
Lung		Alveolar Macrophages
Testis		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_013

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_014

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Brain		Astrocytoma
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung	Pleura Nos	Fibrosis Hemorrhage Hyperplasia, Alveolar Epithelium
Trachea		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_015

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Trachea		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_016

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Pelvis	Hyperplasia, Epithelial
Liver		Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_017

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung	Pleura Nos	Fibrosis
		Hyperplasia, Alveolar Epithelium
		Pneumonia, Aspiration
Testis		Atrophy, Nos
		Periarteritis
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_018

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Cortex Nos

Lung  
Trachea

Cytomegaly  
Inflammation, Chronic  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Alveolar Macrophages  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_019

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Trachea

Bronchiole

Inflammation, Nos  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_020

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_021

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Testis	Atrophy, Nos
Thyroid	Cystic Follicles
	Hyperplasia, Follicular Cell
Trachea	Inflammation, Nos
	Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_022

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic Tubular-Cell Adenocarcinoma
Liver	Cytoplasmic Vacuolization Hepatocytomegaly
Lung	Alveolar Macrophages Pneumonia, Chronic Murine
Thyroid	Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_023

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Blood vessel

Aorta Nos

Calcification, Nos

Kidney

Mesenteric Artery Nos

Periarteritis

Liver

Bile Duct

Inflammation, Chronic

Bile Duct

Tubular-Cell Adenoma

Fibrosis

Lung

Bronchiole

Hyperplasia, Nos

Parathyroid gland

Metamorphosis, Fatty

Testis

Inflammation, Suppurative

Hyperplasia, Nos

Periarteritis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_024

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
Lung		Abscess, Nos
	Bronchiole	Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_025

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Tubular-Cell Adenocarcinoma, Metastatic
Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Abscess, Nos
	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Pancreas		Fibrosis
Testis		Atrophy, Nos
		Periarteritis
Thyroid		Cyst, Ultimobranchial
Trachea		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_026

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Abscess, Nos
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Periarteritis
Lung	Bronchiole	Inflammation, Suppurative
Testis		Periarteritis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 9\_027

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Brain	Meninges	Inflammation, Suppurative
Kidney		Inflammation, Chronic
Liver		Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Trachea		Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_028

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
		Necrosis, Focal
Lung		Alveolar Macrophages
		Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_029

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Parathyroid gland  
Thyroid

Inflammation, Chronic  
Abscess, Nos  
Hyperplasia, Nos  
C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_030

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
		Metamorphosis, Fatty
Lung		Alveolar Macrophages Hyperplasia, Alveolar Epithelium

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_031

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic
Liver	Bile Duct	Cytoplasmic Vacuolization Fibrosis Fibrosis, Focal Hepatocytomegaly
Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages
Pancreas	Bronchiole	Inflammation, Suppurative Fibrosis
Testis		Periarteritis Atrophy, Nos
Thyroid		Periarteritis
Trachea		Hyperplasia, C Cell Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_032

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Esophagus		Granuloma, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Aspiration
		Pneumonia, Chronic Murine
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_033

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Trachea

Metamorphosis, Fatty  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_034

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Periarteritis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Inflammation, Nos
Lung		Hyperplasia, Alveolar Epithelium
		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 9\_035

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver	Cytoplasmic Vacuolization
	Hepatocytomegaly
	Metamorphosis, Fatty
Lung	Alveolar Macrophages
Trachea	Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_036

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Blood vessel	Mesenteric Artery Nos	Periarteritis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Cytoplasmic Vacuolization
		Hepatocytomegaly
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
		Pneumonia, Chronic Murine
Pancreas		Fibrosis
	Acinus	Hyperplasia, Nodular
		Periarteritis
Testis		Periarteritis
Thyroid		Follicular-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_037

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Nos
Stomach		Hyperkeratosis
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_038

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Blood vessel	Mesenteric Artery Nos	Periarteritis
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic Tubular-Cell Adenocarcinoma
Liver		Cytoplasmic Vacuolization Hepatocytomegaly Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bile Duct	Alveolar Macrophages Hyperplasia, Alveolar Epithelium Pneumonia, Chronic Murine
Pancreas		Fibrosis Periarteritis
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
Thyroid		Follicular-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_039

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Peritoneum  
Spleen

Cortex Nos

Cytomegaly  
Inflammation, Chronic  
Metamorphosis, Fatty  
Inflammation, Granulomatous  
Hemangioma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_040

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Hyperplasia, Epithelial
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_041

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Blood vessel  
Kidney

Mesenteric Artery Nos  
Pelvis

Lung

Parathyroid gland  
Testis

Trachea

Periarteritis  
Hyperplasia, Epithelial  
Inflammation, Chronic  
Tubular-Cell Adenoma  
Alveolar Macrophages  
Hyperplasia, Alveolar Epithelium  
Hyperplasia, Nos  
Atrophy, Nos  
Periarteritis  
Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_042

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Metamorphosis, Fatty
Lung	Alveolar Macrophages
	Congestion, Nos
	Edema, Nos
	Pneumonia, Aspiration
Thyroid	Cyst, Ultimobranchial

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_043

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos Epicardium Myocardium Nos	Fibrosis Inflammation, Nos Inflammation, Nos Abscess, Nos
Kidney		Inflammation, Granulomatous Focal
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Aspiration Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_044

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_045

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Mesenteric Artery Nos	Periarteritis
Kidney		Inflammation, Chronic
		Tubular-Cell Adenocarcinoma
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hepatocytomegaly
		Hyperplasia, Nos
		Neoplastic Nodule
Pancreas		Fibrosis
		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Testis		Periarteritis
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_046

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Parathyroid gland		Hyperplasia, Nos
Trachea		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_047

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 180.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 9\_048

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic Tubular-Cell Adenocarcinoma
Liver		Tubular-Cell Adenoma Cytoplasmic Vacuolization Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Bronchiole	Inflammation, Suppurative
Spleen		Hemangioma
Testis		Atrophy, Nos
Thyroid		Cyst, Ultimobranchial Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_049

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Thyroid		Cyst, Ultimobranchial
Trachea		Inflammation, Nos
Unspecified	Adipose Tissue	Calcification, Nos
	Adipose Tissue	Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 9\_050

**TRT#:** 9  
**DOSE:** 180.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Alveolar Macrophages Pneumonia, Aspiration
Parathyroid gland	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 10\_001

**TRT#:** 10

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lung  
Lymph node  
Pancreas  
Testis

Mesentery Nos

Cervical Lymph Node Nos

Periarteritis  
Inflammation, Chronic  
Angiectasis  
Pneumonia, Chronic Murine  
Inflammation, Nos  
Periarteritis  
Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 10\_002

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos	Calcification, Medial
Heart	Myocardium Nos	Inflammation, Nos
	Pericardium Nos	Inflammation, Nos
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Inflammation, Chronic
Pancreas		Periarteritis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Angiectasis
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 10\_003

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood vessel	Aorta Nos Mesenteric Artery Nos	Calcification, Medial Calcification, Medial
Epididymis		Atrophy, Nos
Heart		Calcium Deposit
Kidney		Inflammation, Chronic
Lung		Calcium Deposit Pneumonia, Chronic Murine
Parathyroid gland		Hyperplasia, Nos
Stomach		Calcium Deposit
Testis		Atrophy, Nos
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_004

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Epididymis  
Kidney  
Liver  
Lung  
Mammary gland  
Pituitary gland  
Testis  
Thyroid

Cortical Carcinoma  
Atrophy, Nos  
Inflammation, Chronic  
Inflammation, Nos  
Pneumonia, Chronic Murine  
Fibroadenoma  
Chromophobe Adenoma  
Atrophy, Nos  
Follicular-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_005

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland  
Testis

Ileum  
  
Bile Duct

Fibrosarcoma  
Inflammation, Chronic  
Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 10\_006

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Periarteritis
Prostate		Inflammation, Nos
Testis		Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_007

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Prostate  
Stomach  
Thyroid  
Unspecified

Multiple Organs Nos

Inflammation, Nos  
Calcium Deposit  
Cyst, Ultimobranchial  
Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_008

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung

Cortex Nos

Angiectasis  
Inflammation, Chronic  
Angiectasis  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_009

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_010

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Epididymis	Atrophy, Nos
Kidney	Inflammation, Chronic
Liver	Angiectasis
Lung	Pneumonia, Chronic Murine
Testis	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_011

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Testis	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_012

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Lung  
Skin

Endocardium Nos

Cortical Carcinoma  
Hyperplasia, Nos  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 10\_013

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Calcium Deposit Pyelonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Peritoneum		Inflammation, Nos
Prostate		Inflammation, Nos
Seminal vesicle		Inflammation, Nos
Testis		Atrophy, Nos
Urinary bladder		Inflammation, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 10\_014

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lung  
Mammary gland  
Pancreas  
Salivary gland  
Testis

Mesentery Nos

Periarteritis  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Adenocarcinoma, Nos  
Periarteritis  
Carcinoma, Nos  
Atrophy, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_015

**TRT#:** 10

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Thyroid

Inflammation, Chronic  
Pneumonia, Chronic Murine  
Cyst, Ultimobranchial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_016

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Epididymis  
Intestine Large  
Kidney  
Lung  
Testis

Colon

Necrosis, Fat  
Nematodiasis  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Granuloma, Spermatic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 10\_017

**TRT#:** 10  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Eye	Lacrimal Gland	Inflammation, Nos
Heart	Myocardium Nos	Inflammation, Nos
	Pericardium Nos	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 10\_018

**TRT#:** 10

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Prostate	Inflammation, Nos
Spleen	Hematopoiesis
Unspecified	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 10\_019

**TRT#:** 10

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Prostate

Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02686  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Chloroform  
**CAS Number:** 67-66-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:59:34  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 10\_020

**TRT#:** 10

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

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**PRIMARY CAUSE OF DEATH**

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**\*\* END OF REPORT \*\***