

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**C Number:** C06360

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Spleen

Acinus

Degeneration, Lipoid

Nephropathy

Focal Cellular Change

Dilatation, Ducts

Fibroadenoma

Atrophy, Nos

Chromophobe Adenoma

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver	Centrilobular	Degeneration, Nos
Lung		Hemorrhage
Pituitary gland		Hemorrhage
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Monocytic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**ANIMAL ID:** 1\_010

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Chronic Focal
Mammary gland		Dilatation, Ducts
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Stomach		Hyperplasia, Epithelial
		Inflammation, Chronic
Thyroid		C-Cell Adenoma
Uterus		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_012

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Brain	Hydrocephalus, Internal
Kidney	Nephropathy
Liver	Focal Cellular Change
Mammary gland	Dilatation, Ducts
Pituitary gland	Carcinoma, Nos
	Chromophobe Adenoma
Spleen	Hemosiderosis
Stomach	Hyperplasia, Epithelial
Thyroid	Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Dilatation, Ducts

Pancreas

Acinar-Cell Adenoma

Acinus

Atrophy, Nos

Pituitary gland

Periarteritis

Unspecified

Chromophobe Adenoma

Multiple Organs Nos

Leukemia, Monocytic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Pancreas

Acinus

Fibroadenoma

Pituitary gland

Atrophy, Nos

Stomach

Chromophobe Adenoma

Uterus

Dilatation, Nos

Hematoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_018

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Brain	Hydrocephalus, Internal
Heart	Inflammation, Chronic
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Spleen	Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Degeneration, Lipoid

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Islets

Islet-Cell Carcinoma

Pituitary gland

Chromophobe Adenoma

Spleen

Hemosiderosis

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Kidney  
Liver  
Pituitary gland  
Spleen  
Uterus

Nephropathy  
Focal Cellular Change  
Chromophobe Adenoma  
Hemosiderosis  
Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Pituitary gland	Chromophobe Carcinoma
Spleen	Hemosiderosis
Thymus	Infarct, Healed
	Cyst, Thyroglossal Duct

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_026

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Liver	Focal Cellular Change
Unspecified	Fibroma
Uterus	Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_028

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

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_030

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Cortex Nos

Degeneration, Lipoid

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Inflammation, Chronic

Necrosis, Focal

Lymph node

Hemosiderosis

Pituitary gland

Chromophobe Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Focal Cellular Change

Lung

Metamorphosis, Fatty

Mammary gland

Pneumonia, Interstitial Chronic

Pituitary gland

Dilatation, Ducts

Spleen

Chromophobe Adenoma

Stomach

Hemosiderosis

Ulcer, Chronic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hemorrhage

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Pituitary gland

Fibroadenoma

Spleen

Hyperplasia, Focal

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Unspecified

Acinus

Multiple Organs Nos

Congestion, Nos

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Dilatation, Ducts

Atrophy, Nos

Hyperplasia, Focal

Leukemia, Monocytic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Fibroadenoma

Pituitary gland

Chromophobe Adenoma

Thyroid

C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Stomach	Glandular Stomach	Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Leiomyosarcoma
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
		Necrosis, Central
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_048

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Metamorphosis, Fatty
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Spleen	Hemosiderosis
Stomach	Inflammation, Chronic
Thyroid	Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Brain

Ependymoma

Heart

Inflammation, Chronic

Intestine Small

Ileum

Mucinous Adenocarcinoma

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Pituitary gland

Chromophobe Adenoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_052

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Chromophobe Adenoma

Stomach

Glandular Stomach

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_054

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Islets

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Islet-Cell Carcinoma

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_056

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Hemorrhage
Heart		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_058

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hemorrhage

Kidney

Inflammation, Chronic

Liver

Nephropathy

Mammary gland

Focal Cellular Change

Pancreas

Acinus

Fibroadenoma

Pituitary gland

Atrophy, Nos

Unspecified

Multiple Organs Nos

Chromophobe Adenoma

Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_060

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Nephropathy

Mammary gland

Focal Cellular Change

Pituitary gland

Dilatation, Ducts

Unspecified

Cyst, Nos

Multiple Organs Nos

Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_062

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Mammary gland		Fibroadenoma
Urinary bladder	Submucosa	Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_064

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Brain		Hydrocephalus, Internal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Inflammation, Granulomatous
Mammary gland		Dilatation, Ducts
		Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cholesterol Deposit
		Chromophobe Adenoma
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_066

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Pituitary gland	Cyst, Nos
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_068

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Hyperplasia, Focal

Thyroid

Follicular-Cell Carcinoma

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_070

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver		Necrosis, Focal
Lung		Inflammation, Granulomatous
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_072

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_074

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_076

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_078

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Uterus

Mammary Duct

Acinus

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Hyperplasia, Nos

Atrophy, Nos

Cyst, Nos

Hyperplasia, Focal

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_080

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_082

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Liver

Lung

Mammary gland

Pituitary gland

Thyroid

Unspecified

Cortical Adenoma

Inflammation, Chronic

Focal Cellular Change

Alveolar/Bronchiolar Adenoma

Fibroadenoma

Cyst, Nos

Hyperplasia, C Cell

Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_084

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Pancreas

Pituitary gland

Spleen

Acinus

Cortical Adenoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Hyperplasia, Adenomatous

Dilatation, Ducts

Atrophy, Nos

Chromophobe Adenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_086

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Degeneration, Lipoid

Kidney

Inflammation, Chronic

Liver

Nephropathy

Mammary gland

Focal Cellular Change

Pancreas

Acinus

Fibroadenoma

Pituitary gland

Atrophy, Nos

Spleen

Chromophobe Adenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_088

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Islets

Islet-Cell Carcinoma

Pituitary gland

Chromophobe Adenoma

Spleen

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_090

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Intestine Small	Mucosa	Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_092

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain		Hemosiderosis
Heart		Inflammation, Chronic
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_094

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_096

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Pituitary gland

Hemosiderosis

Skin

Head Nos

Rhabdomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_098

**TRT#:** 1

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Pheochromocytoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Fibroadenoma

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_100

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Hyperplasia, Focal

Thyroid

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_102

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 1\_104

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Kidney

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_106

**TRT#:** 2

**DOSE:** 015.0 MG/KG

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Lung	Hyperplasia, Adenomatous
Pituitary gland	Chromophobe Adenoma
Thyroid	Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_108

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Brain

Degeneration, Lipoid

Heart

Chromophobe Carcinoma, Invasive

Kidney

Inflammation, Chronic

Pancreas

Acinus

Nephropathy

Pituitary gland

Atrophy, Nos

Unspecified

Chromophobe Carcinoma

Galactocele

Multiple Organs Nos

Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_110

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Angiectasis

Cyst, Nos

Thyroid

Hyperplasia, Focal

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_112

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
Ovary		Hemangiosarcoma
Pancreas	Acinus	Atrophy, Nos
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_114

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone  
Heart  
Liver  
Mammary gland  
Thyroid  
Urinary bladder

Mandible

Abscess, Nos  
Inflammation, Chronic  
Focal Cellular Change  
Dilatation, Ducts  
C-Cell Adenoma  
Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_116

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_118

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Brain

Cortex Nos

Hyperplasia, Focal

Heart

Hemorrhage

Liver

Inflammation, Chronic

Pancreas

Acinus

Focal Cellular Change

Pituitary gland

Atrophy, Nos

Unspecified

Multiple Organs Nos

Hyperplasia, Focal

Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_120

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver  
Lung  
Pituitary gland

Cortex Nos

Degeneration, Lipoid  
Inflammation, Chronic  
Nephropathy  
Focal Cellular Change  
Alveolar/Bronchiolar Adenoma  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**ANIMAL ID:** 2\_122

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel	Mediastinal Artery Nos	Periarteritis
Bone	Rib	Hematoma, Organized
Heart		Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Atrophy, Nos
		Periarteritis
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma
		Follicular-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_124

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Metamorphosis, Fatty

Pancreas

Islets

Fibroadenoma

Pituitary gland

Islet-Cell Adenoma

Spleen

Chromophobe Adenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_126

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary

Hemorrhage

Spleen

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_128

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_130

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_132

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Liver	Focal Cellular Change
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Thyroid	Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_134

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Degeneration, Lipoid

Liver

Inflammation, Chronic

Pancreas

Acinus

Focal Cellular Change

Pituitary gland

Atrophy, Nos

Unspecified

Multiple Organs Nos

Chromophobe Adenoma

Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_136

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Pituitary gland

Chromophobe Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**ANIMAL ID:** 2\_138

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Regenerative, Nodule
Lung		Hyperplasia, Adenomatous
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_140

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small  
Kidney  
Liver  
Mammary gland  
Pituitary gland  
Spleen

Cortex Nos  
  
Mesentery Nos

Hyperplasia, Focal  
Inflammation, Chronic  
Mesothelioma, Malignant  
Nephropathy  
Focal Cellular Change  
Dilatation, Ducts  
Chromophobe Adenoma  
Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_142

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_144

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_146

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_148

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver		Necrosis, Nos
Lung		Osteosarcoma, Metastatic
Lymph node	Mediastinal Lymph Node	Hemorrhage
Pituitary gland		Chromophobe Adenoma
Unspecified	Lumbar Region	Osteosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_150

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Nephropathy

Mammary gland

Focal Cellular Change

Pituitary gland

Dilatation, Ducts

Spleen

Chromophobe Adenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_152

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Heart

Inflammation, Chronic

Liver

Neoplastic Nodule

Mammary gland

Hyperplasia, Focal

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Cyst, Multiple

Spleen

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_154

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Pheochromocytoma

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_156

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Dilatation, Ducts
Pancreas	Acinus	Atrophy, Nos
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_158

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Nos

Liver

Inflammation, Chronic

Pancreas

Acinus

Focal Cellular Change

Pituitary gland

Islets

Atrophy, Nos

Islet-Cell Adenoma

Cholesterol Deposit

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_160

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Focal

Liver

Inflammation, Chronic

Pituitary gland

Focal Cellular Change

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_162

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Clitoral gland

Carcinoma, Nos

Heart

Inflammation, Chronic

Liver

Neoplastic Nodule

Mammary gland

Fibroadenoma

Pituitary gland

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_164

**TRT#:** 2

**DOSE:** 015.0 MG/KG

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Thyroid	C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_166

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_168

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Inflammation, Chronic Focal

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_170

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Spleen

Unspecified

Acinus

Mediastinum Nos

Cortical Adenoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Metamorphosis, Fatty

Atrophy, Nos

Hemosiderosis

Rhabdomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_172

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma
Thymus		Degeneration, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_174

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Unspecified	Multiple Organs Nos	Fibrous Histiocytoma, Malignant

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_176

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_178

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Nephropathy

Pituitary gland

Focal Cellular Change

Thyroid

Cyst, Nos

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Uterus

Leukemia, Monocytic

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_180

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Uterus		Endometrial Stromal Polyp
		Polyp, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_182

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Pituitary gland	Cyst, Nos
Stomach	Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_184

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_186

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Thyroid

Acinus

Cortical Adenoma

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Fibroadenoma

Atrophy, Nos

Cyst, Nos

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_188

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Mineralization
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_190

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Islets	Islet-Cell Adenoma
Salivary gland		Atrophy, Focal
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_192

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Mammary gland

Galactocele

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_194

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Neoplastic Nodule

Mammary gland

Fibroadenoma

Pituitary gland

Chromophobe Adenoma

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_196

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Acidophil Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_198

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Spleen

Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_200

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Medulla

Hyperplasia, Focal

Cortex Nos

Hyperplasia, Nos

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Islets

Islet-Cell Adenoma

Spleen

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_202

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_204

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Pituitary gland		Chromophobe Adenoma
Stomach	Mucosa	Inflammation, Chronic
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_206

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 2\_208

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 015.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_210

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Galactocele
Pituitary gland		Chromophobe Adenoma
Stomach		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_212

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Degeneration, Lipoid

Liver

Inflammation, Chronic

Pancreas

Focal Cellular Change

Pituitary gland

Acinus

Atrophy, Nos

Thyroid

Chromophobe Adenoma

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_214

**TRT#:** 3

**DOSE:** 030.0 MG/KG

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Pituitary gland	Chromophobe Adenoma
Spleen	Hemosiderosis
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_216

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Metamorphosis, Fatty

Spleen

Chromophobe Adenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_218

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Focal

Kidney

Inflammation, Chronic

Liver

Nephropathy

Pancreas

Acinus

Focal Cellular Change

Pituitary gland

Atrophy, Nos

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_220

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Pituitary gland  
Spleen  
Unspecified

Cortex Nos

Degeneration, Lipoid  
Nephropathy  
Focal Cellular Change  
Chromophobe Adenoma  
Hemosiderosis  
Embryonal Rhabdomyosarcoma  
Embryonal Rhabdomyosarcoma, Metastatic

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_222

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Lymph node		Hemosiderosis
Mammary gland		Fibroadenoma
Pancreas	Islets	Islet-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_224

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Necrosis, Focal

Pituitary gland

Hyperplasia, Nos

Spleen

Chromophobe Adenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_226

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Pheochromocytoma

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

Spleen

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_228

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_230

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cyst, Nos
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_232

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_234

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary		Luteoma
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hemosiderosis
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	C-Cell Carcinoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_236

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**ANIMAL ID:** 3\_238

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Focal
Pituitary gland		Angiectasis
		Hyperplasia, Focal
Thyroid		C-Cell Carcinoma
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_240

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Pituitary gland

Chromophobe Adenoma

Thyroid

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**ANIMAL ID:** 3\_242

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
		Tubular-Cell Adenoma
Liver		Focal Cellular Change
Mammary gland		Dilatation, Ducts
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_244

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Regeneration, Nodular
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_246

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cyst, Nos
		Hyperplasia, Focal
Unspecified		Fibroma
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_248

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_250

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Monocytic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_252

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver  
Pituitary gland  
Thyroid

Cortex Nos

Degeneration, Cystic  
Inflammation, Focal  
Nephropathy  
Focal Cellular Change  
Hyperplasia, Focal  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_254

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver  
Pancreas  
Pituitary gland  
Uterus

Cortex Nos

Acinus

Hyperplasia, Focal  
Inflammation, Chronic  
Nephropathy  
Focal Cellular Change  
Atrophy, Nos  
Hyperplasia, Nos  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_256

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_258

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Liver

Neoplastic Nodule

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_260

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Thyroid

C-Cell Carcinoma

Uterus

Endometrial Stromal Polyp

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_262

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Kidney

Liver

Pituitary gland

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Cyst, Nos

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_264

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Necrosis, Focal
Lung		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hypertrophy, Focal
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_266

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_268

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Inflammation, Chronic Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_270

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_272

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_274

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_276

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Kidney

Tubule

Cyst, Nos

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

Thyroid

Hyperplasia, Follicular Cell

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_278

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Pituitary gland

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_280

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

**ANIMAL ID:** 3\_282

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Granuloma, Nos
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Carcinoma
Spleen		Hemosiderosis
Stomach		Inflammation, Chronic
Thyroid		C-Cell Adenoma
Tongue		Squamous Cell Papilloma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_284

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hemorrhage
Lymph node		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_286

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Focal

Liver

Inflammation, Chronic

Lymph node

Focal Cellular Change

Pancreas

Acinus

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Atrophy, Nos

Periarteritis

Amyloidosis

Abdominal Cavity

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_288

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Stomach		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_290

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Lung

Mammary gland

Thyroid

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Adenomatous

Fibroadenoma

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_292

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver  
Pituitary gland  
Thyroid

Cortex Nos

Degeneration, Lipoid  
Inflammation, Chronic  
Nephropathy  
Focal Cellular Change  
Chromophobe Adenoma  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_294

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Unspecified

Acinus

Islets

Congestion, Nos

Inflammation, Chronic

Nephropathy

Focal Cellular Change

Atrophy, Nos

Hyperplasia, Focal

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_296

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Cortex Nos

Hyperplasia, Focal

Intestine Small

Mesentery Nos

Inflammation, Chronic

Kidney

Periarteritis

Liver

Nephropathy

Mammary gland

Focal Cellular Change

Pituitary gland

Fibroadenoma

Spleen

Chromophobe Adenoma

Uterus

Hemosiderosis

Endometrial Stromal Polyp

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_298

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_300

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lymph node	Mandibular Lymph Node	Hemosiderosis
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma
Urinary bladder		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_302

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_304

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Angiectasis

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Periarteritis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_306

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Blood vessel

Liver

Mammary gland

Thymus

Pulmonary Artery Nos

Pheochromocytoma

Mineralization

Necrosis, Central

Fibroadenoma

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_308

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Galactocele
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

---

**ANIMAL ID:** 3\_310

**TRT#:** 3

**DOSE:** 030.0 MG/KG

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Inflammation, Chronic
Kidney	Nephropathy
Liver	Focal Cellular Change
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Thyroid	C-Cell Carcinoma
Unspecified	Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06360

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Benzyl chloride

**CAS Number:** 100-44-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:06:48

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

**Lab:** NA

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**ANIMAL ID:** 3\_312

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 030.0 MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Monocytic
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

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