

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**C Number:** C50102B

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Cytoplasmic Vacuolization  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes  
  
Bile Duct

Cytoplasmic Vacuolization  
Hemosiderosis  
Hyperplasia, Nos  
Neoplastic Nodule  
Inflammation, Chronic Focal  
Metaplasia, Squamous

Nasal cavity

Pancreas  
Pituitary gland  
Stomach  
Thyroid  
Unspecified

Acinus  
Anterior Pituitary  
Omentum Nos  
  
Multiple Organs Nos

Atrophy, Focal  
Adenoma, Nos  
Necrosis, Fat  
Hyperplasia, C Cell  
Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Cytoplasmic Vacuolization  
Degeneration, Nos  
Nephropathy

Larynx  
Liver

Hepatocytes  
Hepatocytes

Inflammation, Chronic Focal  
Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization  
Hemosiderosis

Bile Duct

Hyperplasia, Nos  
Inflammation, Granulomatous Focal  
Alveolar Macrophages

Lung  
Mammary gland  
Nasal cavity  
Pituitary gland

Anterior Pituitary

Fibroadenoma  
Metaplasia, Squamous  
Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Carcinoma
Urinary bladder	Submucosa	Edema, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Tubule

Degeneration, Nos

Liver

Hepatocytes

Nephropathy

Cytoplasmic Vacuolization

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Lung

Alveolar Macrophages

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hemorrhage
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		C-Cell Carcinoma, Invasive
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Bronchopneumonia, Focal
		C-Cell Carcinoma, Metastatic
Thyroid		C-Cell Carcinoma
Trachea		C-Cell Carcinoma, Invasive

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Eye	Crystalline Lens	Cataract
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye		Atrophy, Nos
	Crystalline Lens	Cataract
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Fibrosis, Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Pituitary gland

Anterior Pituitary

Inflammation, Chronic Diffuse

Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hemorrhage
Clitoral gland		Cystadenoma, Nos
		Metaplasia, Squamous
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous
Nasal cavity		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Inflammation, Suppurative
	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Sarcoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous Focal
Unspecified		Lipoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
Nasal cavity		Foreign Body, Nos Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Acanthosis
	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Peritoneum		Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Mesothelioma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Carcinoma, Nos Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hemosiderosis Hyperplasia, Nos Inflammation, Granulomatous Neoplastic Nodule
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Nasal cavity		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Urinary bladder	Submucosa	Edema, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Brain	Medulla Oblongata Nos	Hemorrhage
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Liver		Hemosiderosis
Nasal cavity		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Cerebrum

Hemorrhage

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Mammary gland

Fibroadenoma

Thyroid

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Inflammation, Granulomatous Focal

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Broad Ligament

Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocytes	Hepatocytomegaly
Pituitary gland	Anterior Pituitary	Necrosis, Focal
Uterus	Endometrium	Cyst, Nos
	Endometrium	Hyperplasia, Nos
		Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
Unspecified	Multiple Organs Nos	Inflammation, Granulomatous Focal Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Tubule

Degeneration, Nos

Liver

Hepatocytes

Nephropathy

Hepatocytes

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Pituitary gland

Anterior Pituitary

Inflammation, Granulomatous Focal

Unspecified

Abdomen

Adenoma, Nos

Uterus

Sarcoma, Nos

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large

Kidney

Liver

Thyroid

Unspecified

Rectum

Tubule

Hepatocytes

Bile Duct

Bile Duct

Multiple Organs Nos

Parasitism

Degeneration, Nos

Nephropathy

Cytoplasmic Vacuolization

Fibrosis

Hemosiderosis

Hyperplasia, Nos

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Spleen

Hemorrhage

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Ulcer, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver		Hemosiderosis
		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hemorrhage

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Inflammation, Granulomatous Focal

Nasal cavity

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Skin

Foot And Toe Nos

Acanthosis

Unspecified

Foot

Hemangiosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Rib	Osteosarcoma
	Sternum	Osteosarcoma, Invasive
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Hepatocytes	Necrosis, Focal
Lung		Osteosarcoma, Metastatic
Mammary gland		Fibroadenoma
Ovary		Cyst, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Atrophy, Pressure
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
Mammary gland		Adenoma, Nos
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Fibrosis, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Clitoral gland		Carcinoma, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous Focal
Lung		Pneumonia, Aspiration
Mammary gland		Fibroadenoma
Spleen		Fibrosis, Focal
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Hepatocytes	Necrosis, Focal
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Cerebrum	Hemorrhage
Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Neck	Keratoacanthoma
Stomach	Glandular Stomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Atrium

Thrombosis, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocytes	Cytoplasmic Change, Basophilic Hemosiderosis Inflammation, Granulomatous Focal
Lung		Hemorrhage
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Atrophy, Nos
Brain	Cerebrum	Hemorrhage
Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Degeneration, Nos
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Stomach	Glandular Stomach	Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Kidney  
Larynx

Colon

Parasitism  
Nephropathy  
Acanthosis  
Inflammation, Suppurative  
Cytoplasmic Vacuolization  
Hemosiderosis  
Inflammation, Granulomatous Focal

Liver

Hepatocytes

Cyst, Nos  
Adenoma, Nos

Ovary

Pituitary gland

Anterior Pituitary

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Bone marrow  
Kidney  
Liver

Cortex Nos  
Pulmonary Artery Nos

Tubule

Bile Duct

Mammary gland  
Pituitary gland  
Unspecified

Anterior Pituitary  
Multiple Organs Nos

Cytoplasmic Vacuolization  
Mineralization  
Fibrosis, Multifocal  
Degeneration, Nos  
Hemosiderosis  
Hepatocytomegaly  
Hyperplasia, Nos  
Neoplastic Nodule  
Fibroadenoma  
Hyperplasia, Nos  
Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Medulla Oblongata Nos	Hemorrhage
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Hepatocytes	Necrosis, Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Cytoplasmic Vacuolization  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization  
Hemosiderosis

Mammary gland

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Epithelial

Spleen

Hyperplasia, Nos

Thyroid

Fibrosis, Focal

Unspecified

Multiple Organs Nos

C-Cell Adenoma

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Eye

Crystalline Lens

Cataract

Sclera

Mineralization

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Lung	Alveoli	Alveolar Macrophages Hemorrhage
	Alveoli	Inflammation, Suppurative
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Suppurative
		Neoplastic Nodule
Lung		Alveolar Macrophages
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal Inflammation, Suppurative Metaplasia, Squamous
Nasal cavity		
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver		Hemosiderosis
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Mammary gland		Fibroadenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Hemorrhage
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis
Lung		Endometrial Stromal Sarcoma, Metastatic
Lymph node	Bronchial Lymph Node Bronchial Lymph Node	Endometrial Stromal Sarcoma, Metastatic Hemorrhage
Unspecified	Multiple Organs Nos	Endometrial Stromal Sarcoma, Invasive
Uterus		Endometrial Stromal Sarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Hemorrhage
Liver	Hepatocytes	Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Cerebrum	Inflammation, Chronic Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Metaplasia, Squamous
Peritoneum		Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Cytoplasmic Vacuolization  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization  
Hemosiderosis

Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Urinary bladder

Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 40 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Carcinoma, Nos
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Necrosis, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Kidney

Colon  
Tubule

Parasitism  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes  
Hepatocytes

Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization  
Hemosiderosis

Bile Duct  
Hepatocytes

Hyperplasia, Nos  
Necrosis, Focal

Lung

Alveolar Macrophages

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

Endometrium

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule Medulla	Degeneration, Nos Mineralization Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Inflammation, Granulomatous Focal
Pituitary gland	Hepatocytes Anterior Pituitary	Necrosis, Focal Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis, Focal
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Peritoneum		Necrosis, Fat
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone	Skull	Osteosarcoma
Clitoral gland		Inflammation, Suppurative
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Nasal cavity		Foreign Body, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule  
Pelvis

Cytoplasmic Vacuolization  
Degeneration, Nos  
Hyperplasia, Epithelial  
Mixed Tumor, Benign  
Nephropathy

Liver

Hepatocytes  
Hepatocytes

Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization  
Hepatocytomegaly  
Hyperplasia, Nos  
Inflammation, Granulomatous Focal

Bile Duct

Lung  
Mammary gland  
Pituitary gland

Hepatocytes

Necrosis, Focal  
Alveolar Macrophages  
Fibroadenoma  
Adenoma, Nos

Anterior Pituitary

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrium

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Inflammation, Suppurative
Kidney	Tubule	Degeneration, Nos Nephropathy
Larynx		Inflammation, Chronic Focal
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Interstitial
Stomach	Glandular Stomach	Inflammation, Suppurative
Uterus	Endometrium	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Inflammation, Granulomatous Focal
Mammary gland	Hepatocytes	Necrosis, Focal Galactoceles
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Sarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Hyperplasia, Epithelial
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Suppurative
Stomach	Glandular Stomach	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Clitoral gland

Cortex Nos

Cytoplasmic Vacuolization  
Cyst, Nos  
Inflammation, Suppurative

Intestine Large  
Kidney  
Liver

Colon

Parasitism  
Nephropathy  
Cytoplasmic Vacuolization  
Hemosiderosis

Lung

Hepatocytes

Inflammation, Granulomatous Focal  
Necrosis, Focal  
Alveolar Macrophages  
Hyperplasia, Alveolar Epithelium  
Adenoma, Nos

Pituitary gland

Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Clitoral gland

Inflammation, Suppurative

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Bile Duct

Hemosiderosis

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Hepatocytes

Necrosis, Focal

Pancreas

Acinus

Atrophy, Focal

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Uterus		Endometrial Stromal Sarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Mammary gland		Adenocarcinoma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Medulla  
Colon  
Capsule  
Capsule

Pheochromocytoma, Malignant  
Parasitism  
Hemorrhage  
Inflammation, Suppurative  
Nephropathy

Liver

Hepatocytes  
Bile Duct

Cytoplasmic Change, Basophilic  
Hyperplasia, Nos  
Inflammation, Granulomatous Focal

Lung  
Pituitary gland

Alveoli  
Anterior Pituitary

Congestion, Nos  
Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Large  
Kidney

Colon  
Tubule

Parasitism  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes  
Hepatocytes

Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization  
Hemosiderosis  
Inflammation, Granulomatous Focal

Lung

Hepatocytes

Necrosis, Focal  
Alveolar Macrophages

Pituitary gland

Alveoli  
Anterior Pituitary

Inflammation, Suppurative

Spleen

Adenoma, Nos  
Hyperplasia, Lymphoid  
Inflammation, Granulomatous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages Alveolar/Bronchiolar Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Cortex Nos

Necrosis, Nos

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Hemosiderosis

Hepatocytes

Necrosis, Focal

Nasal cavity

Thrombosis, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung	Hepatocytes	Necrosis, Focal Alveolar Macrophages
	Alveoli	Edema, Nos
	Alveoli	Fibrosis, Multifocal
	Alveoli	Hemorrhage
Spleen	Alveoli	Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Fibrosis, Multifocal Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Hepatocytes	Cytoplasmic Vacuolization Neoplastic Nodule
Lung	Alveoli	Hemorrhage
Pituitary gland		Neoplasm, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Pelvis

Cytoplasmic Vacuolization  
Dilatation, Nos  
Nephropathy

Larynx  
Liver

Hepatocytes

Inflammation, Chronic Focal  
Cytoplasmic Vacuolization  
Hemosiderosis  
Hepatocytomegaly  
Inflammation, Granulomatous Focal

Pituitary gland  
Thymus  
Urinary bladder  
Uterus

Hepatocytes  
Anterior Pituitary

Necrosis, Focal  
Adenoma, Nos  
Cyst, Nos  
Dilatation, Nos  
Endometrial Stromal Sarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart		Adenocarcinoma, Nos, Metastatic
Kidney	Tubule	Degeneration, Nos
		Inflammation, Chronic
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
Mammary gland		Adenocarcinoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Hematopoiesis
	Hemosiderosis
Spleen	Hematopoiesis
Thyroid	Hyperplasia, C Cell
Uterus	Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Pheochromocytoma, Metastatic
Lymph node	Renal Lymph Node	Fibrosis
	Renal Lymph Node	Pigmentation, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
	Atrium	Thrombosis, Nos
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Mammary gland		Fibroadenoma
Nasal cavity		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene chloride  
**CAS Number:** 75-09-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:43:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 10 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Capsule	Fibrosis, Focal
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hemorrhage

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Inflammation, Suppurative
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Clear-Cell Change
	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Clitoral gland		Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lymph node	Bronchial Lymph Node	Hemorrhage
Mammary gland		Fibroadenoma
Unspecified	Multiple Organs Nos	Periarteritis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain		Hemorrhage
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Capsule	Fibrosis, Focal
		Hemosiderosis
		Inflammation, Granulomatous
Lung	Alveoli	Hemorrhage
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Cortex Nos  
Colon  
Tubule

Cytoplasmic Vacuolization  
Parasitism  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization  
Hemosiderosis  
Hepatocytomegaly

Pancreas

Bile Duct

Hyperplasia, Nos

Unspecified

Acinus

Atrophy, Focal

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Inflammation, Suppurative
Kidney	Medulla	Mineralization Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous Focal Necrosis, Focal
Lung	Hepatocytes	Follicular-Cell Carcinoma, Metastatic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Follicular-Cell Carcinoma
Trachea		Hyperplasia, Epithelial Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Hepatocytes

Necrosis, Focal

Mammary gland

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Cytoplasmic Vacuolization  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization  
Hemosiderosis  
Hepatocytomegaly

Pancreas  
Pituitary gland

Bile Duct  
Acinus

Hyperplasia, Nos  
Atrophy, Focal

Spleen

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Fibrosis, Focal

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Brain

Atrophy, Pressure

Hemorrhage

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Bile Duct

Hyperplasia, Nos

Hepatocytes

Inflammation, Granulomatous Focal

Necrosis, Focal

Nasal cavity

Thrombosis, Nos

Pituitary gland

Anterior Pituitary

Inflammation, Suppurative

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Tubule

Cortical Carcinoma

Degeneration, Nos

Nephropathy

Larynx

Liver

Hepatocytes

Hepatocytes

Bile Duct

Inflammation, Chronic Focal

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Lung

Mammary gland

Pituitary gland

Anterior Pituitary

Alveolar Macrophages

Fibroadenoma

Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Larynx		Inflammation, Chronic Focal
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Nasal cavity		Thrombosis, Nos
Ovary		Sarcoma, Nos
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Inflammation, Granulomatous Focal
Pituitary gland	Hepatocytes	Necrosis, Focal
Unspecified	Anterior Pituitary	Adenoma, Nos
	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Tubule

Degeneration, Nos

Liver

Hepatocytes

Nephropathy

Cytoplasmic Vacuolization

Hemosiderosis

Hepatocytomegaly

Thrombosis, Nos

Lung

Alveolar Macrophages

Nasal cavity

Thrombosis, Nos

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Thrombosis, Nos Cyst, Nos
Ovary		
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Atrophy, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Fibrosis, Multifocal
Mammary gland		Fibroadenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Atrophy, Nos
Clitoral gland		Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 2\_048

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Clitoral gland

Carcinoma, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hepatocytomegaly

Inflammation, Granulomatous Focal

Hepatocytes

Necrosis, Focal

Lung

Alveoli

Fibrosis, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Large	Colon	Cyst, Nos
	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Mammary gland		Fibroadenoma
Nasal cavity		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 10 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Hemosiderosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Trachea		Hyperplasia, Epithelial Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_001

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Atrophy, Pressure
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Necrosis, Focal

Heart

Myocardium Nos

Fibrosis, Focal

Liver

Bile Duct

Hemosiderosis

Hepatocytes

Hyperplasia, Nos

Multiple Organs Nos

Necrosis, Focal

Unspecified

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Broad Ligament	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hemosiderosis

Mammary gland

Adenocarcinoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Hyperplasia, Epithelial
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Hepatocytes	Necrosis, Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Broad Ligament	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Nasal cavity

Hemosiderosis

Inflammation, Suppurative

Pancreas

Acinus

Metaplasia, Squamous

Uterus

Atrophy, Focal

Endometrial Stromal Polyp

Endometrium

Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hyperplasia, Focal
Brain	Meninges	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Mammary gland		Galactocele
Nasal cavity		Inflammation, Suppurative
Spleen		Hyperplasia, Reticulum Cell
Unspecified	Multiple Organs Nos	Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_009

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Cerebrum	Atrophy, Pressure
Eye	Nasolacrimal Duct	Carcinoma, Nos, Invasive
	Nasolacrimal Duct	Acanthosis
Kidney	Tubule	Inflammation, Suppurative
		Degeneration, Nos
Larynx		Nephropathy
Liver		Inflammation, Chronic Focal
Mammary gland		Inflammation, Granulomatous Focal
Nasal cavity		Fibroadenoma
Pituitary gland	Anterior Pituitary	Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Carcinoma, Nos
		Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_010

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Inflammation, Suppurative
Eye	Nasolacrimal Duct	Acanthosis
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Cyst, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Clitoral gland

Cortex Nos

Cytoplasmic Vacuolization  
Cyst, Nos  
Inflammation, Suppurative

Heart  
Kidney  
Liver

Endocardium Nos

Fibrosis, Focal  
Nephropathy

Pituitary gland  
Unspecified

Anterior Pituitary  
Multiple Organs Nos

Cytoplasmic Vacuolization  
Hemosiderosis  
Adenoma, Nos  
Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_012

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Fibrosis, Multifocal
Heart	Myocardium Nos	Fibrosis, Multifocal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
Lung	Alveoli	Fibrosis, Multifocal
Nasal cavity		Inflammation, Suppurative
Stomach	Glandular Stomach	Mineralization
Thyroid		Cyst, Ultimobranchial
		Hyperplasia, C Cell
Unspecified	Leg	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_013

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain		Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Mesentery Nos

Inflammation, Necrotizing

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Hemosiderosis

Inflammation, Granulomatous Focal

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Esophagus

Kidney

Liver

Hepatocytes

Foreign Body, Nos

Nephropathy

Cytoplasmic Vacuolization

Hemosiderosis

Inflammation, Granulomatous Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly
Nasal cavity	Bile Duct	Hyperplasia, Nos Inflammation, Suppurative Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene chloride  
**CAS Number:** 75-09-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:43:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 20 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis
	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages Hyperplasia, Alveolar Epithelium Inflammation, Granulomatous
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Tongue		Acanthosis
Uterus	Endometrium	Endometrial Stromal Polyp Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_018

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Rectum

Parasitism

Kidney

Tubule

Degeneration, Nos

Nephropathy

Larynx

Inflammation, Chronic Focal

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Neoplastic Nodule

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Adenoma

Unspecified

Shoulder

Fibroma

Multiple Organs Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_019

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Hemosiderosis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_021

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Larynx

Acanthosis

Mammary gland

Inflammation, Suppurative

Ovary

Mesovarium

Fibroadenoma

Spleen

Inflammation, Chronic Focal

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Cecum, Colon

Hemorrhage

Kidney

Tubule

Degeneration, Nos

Liver

Hepatocytes

Nephropathy

Bile Duct

Cytoplasmic Vacuolization

Thyroid

Bile Duct

Fibrosis

Hemosiderosis

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

C-Cell Carcinoma

Cyst, Ultimobranchial

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Rectum

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Capsule

Fibrosis, Focal

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Neoplastic Nodule

Pituitary gland

Anterior Pituitary

Cyst, Nos

Uterus

Endometrial Stromal Polyp

Vagina

Endometrium

Metaplasia, Squamous

Acanthosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_024

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla  
Tubule

Pheochromocytoma  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes  
Bile Duct

Cytoplasmic Vacuolization  
Fibrosis  
Hepatocytomegaly

Bile Duct

Hyperplasia, Nos  
Inflammation, Granulomatous Focal

Hepatocytes

Necrosis, Focal  
Alveolar Macrophages

Lung

Nasal cavity

Hemorrhage

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

Skin

Lower Leg

Papilloma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Inflammation, Suppurative

Kidney

Tubule

Degeneration, Nos

Liver

Hepatocytes

Nephropathy

Cytoplasmic Vacuolization

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Hepatocytes

Necrosis, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Follicular-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Liver	Hepatocytes	Necrosis, Nos
Unspecified	Multiple Organs Nos	Endometrial Stromal Sarcoma, Invasive
Uterus		Endometrial Stromal Sarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Lacrimal Gland	Inflammation, Chronic
	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Large	Colon	Parasitism
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Lymph node	Pancreatic Lymph Node	Hemorrhage
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Hemorrhage
Heart	Atrium	Thrombosis, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Chronic Focal
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Mammary gland		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Brain		Atrophy, Pressure
Clitoral gland		Inflammation, Suppurative
Kidney	Tubule	Degeneration, Nos Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes  Hepatocytes	Cytoplasmic Vacuolization Hepatocellular Carcinoma Necrosis, Focal
Lung		Alveolar Macrophages
Mammary gland		Carcinoma, Nos Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_030

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Cerebrum	Oligodendroglioma
Eye	Nasolacrimal Duct	Acanthosis
	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
		Inflammation, Granulomatous Focal
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Urinary bladder	Submucosa	Edema, Nos
	Submucosa	Hemorrhage
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule

Degeneration, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Focal

Spleen

Fibrosis, Focal

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Inflammation, Granulomatous Focal

Mammary gland

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Small

Duodenum

Erosion

Mucosa

Hyperplasia, Diffuse

Duodenum

Inflammation, Suppurative

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Hyperkeratosis

Glandular Stomach

Hyperplasia, Nos

Forestomach

Inflammation, Acute

Thyroid

C-Cell Carcinoma

Uterus

Endometrium

Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_035

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Pancreas	Hepatocytes	Necrosis, Focal
Parathyroid gland	Acinus	Atrophy, Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Nos Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Meninges	Inflammation, Granulomatous Focal
Clitoral gland		Carcinoma, Nos
Eye		Neurofibroma
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Alveolar Macrophages
		Fibrosis, Multifocal
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skeletal muscle		Neurofibroma
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Angiectasis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
Lung	Bronchiole	Foreign Body, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Fibrosis, Diffuse
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Atrium	Thrombosis, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Hepatocytes	Necrosis, Focal
Spleen		Fibrosis, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_041

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Angiectasis
	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Focal
Ovary		Cyst, Nos
Spleen		Fibrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_043

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Nephropathy
Larynx		Inflammation, Chronic Focal
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Pancreas	Hepatocytes	Necrosis, Focal
	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Bile Duct	Cytoplasmic Vacuolization Fibrosis Hemosiderosis Hepatocytomegaly
	Bile Duct Hepatocytes	Hyperplasia, Nos Necrosis, Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly Inflammation, Granulomatous
Lung		Foreign Body, Nos Inflammation, Granulomatous
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_047

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Atrophy, Pressure

Clitoral gland

Carcinoma, Nos

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Inflammation, Granulomatous Focal

Adenoma, Nos

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Acanthosis
	Lacrimal Gland	Inflammation, Chronic Focal
Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Hemorrhage
	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 3\_049

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Atrium	Hemorrhage
	Atrium	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
	Alveoli	Inflammation, Interstitial
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 20 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Intestine Large

Kidney

Liver

Lung

Pancreas

Pituitary gland

Colon

Rectum

Tubule

Hepatocytes

Bile Duct

Acinus

Anterior Pituitary

Cortical Adenoma

Parasitism

Parasitism

Degeneration, Nos

Nephropathy

Cytoplasmic Vacuolization

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Hyperplasia, Alveolar Epithelium

Atrophy, Focal

Cyst, Nos

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_001

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Clitoral gland

Inflammation, Suppurative

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Inflammation, Granulomatous Focal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_002

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Thyroid

Unspecified

Uterus

Follicle

Multiple Organs Nos

Nephropathy

Hyperplasia, Cystic

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_003

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
	Pelvis	Mineralization
		Nephropathy
Liver		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_004

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Liver

Cortex Nos  
Colon

Bile Duct

Pituitary gland  
Unspecified  
Uterus

Anterior Pituitary  
Multiple Organs Nos

Cytomegaly  
Parasitism  
Hepatocytomegaly  
Hyperplasia, Nos  
Adenoma, Nos  
Leukemia, Mononuclear Cell  
Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_005

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Carcinoma, Nos, Invasive
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_006

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Chronic Focal
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_007

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Pelvis

Mineralization

Liver

Hepatocytes

Nephropathy

Lung

Bile Duct

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_008

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cyst, Nos

Medulla

Pheochromocytoma

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Tubule

Degeneration, Nos

Pelvis

Mineralization

Liver

Hepatocytes

Nephropathy

Cytoplasmic Change, Basophilic

Hematopoiesis

Pituitary gland

Anterior Pituitary

Hemosiderosis

Skin

Lower Leg

Cyst, Nos

Spleen

Papilloma, Nos

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_009

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Cytoplasmic Vacuolization  
Degeneration, Nos  
Nephropathy

Liver

Hepatocytes  
Hepatocytes

Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization

Lung

Pituitary gland

Anterior Pituitary

Alveolar Macrophages  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_010

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Endometrial Stromal Polyp Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_011

**TRT#:** 4

**DOSE:** 0

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Fibrosis, Diffuse
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung	Alveoli	Fibrosis, Focal
	Alveoli	Inflammation, Interstitial
	Alveoli	Mineralization
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 4\_012

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
Larynx

Cortex Nos  
Colon

Cytoplasmic Vacuolization  
Parasitism  
Nephropathy  
Hyperplasia, Epithelial  
Inflammation, Chronic Focal

Liver

Hepatocytes

Metaplasia, Squamous  
Cytoplasmic Change, Basophilic  
Hemosiderosis

Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

Unspecified

Anterior Pituitary  
Multiple Organs Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_013

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Alveolar Macrophages

Skin

Tail

Acanthosis

Tail

Hyperkeratosis

Thyroid

Hyperplasia, C Cell

Urinary bladder

Submucosa

Edema, Nos

Uterus

Endometrium

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_014

**TRT#:** 4

**DOSE:** 0

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Clitoral gland

Kidney

Medulla

Liver

Hepatocytes

Bile Duct

Lung

Pancreas

Pituitary gland

Spleen

Carcinoma, Nos

Mineralization

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Alveolar Macrophages

Atrophy, Focal

Adenoma, Nos

Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_015

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_016

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Hematopoiesis

Mammary gland

Mixed Tumor, Malignant

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_017

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Thyroid		C-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 4\_018

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Inflammation, Chronic Focal  
Mineralization

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Tubule

Degeneration, Nos

Pelvis

Mineralization

Liver

Bile Duct

Nephropathy

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Anterior Pituitary

Adenoma, Nos

Pituitary gland

Salivary gland

Inflammation, Chronic

Thyroid

C-Cell Carcinoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_019

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
Thyroid		Hyperplasia, C Cell
Urinary bladder	Submucosa	Edema, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_020

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain		Hemorrhage
Liver		Hemosiderosis
Lung		Hemorrhage
Pituitary gland		Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
		Hemosiderosis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_022

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
		Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 4\_023

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytomegaly
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
	Alveoli	Hemorrhage
	Alveoli	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Forestomach	Inflammation, Acute
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_024

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Medulla Oblongata Nos	Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Stomach	Omentum Nos	Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_025

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Urinary bladder	Submucosa	Hemorrhage
Uterus	Endometrium	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_026

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Fibrosis

Hemosiderosis

Lung

Alveolar Macrophages

Pancreas

Acinus

Atrophy, Focal

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Broad Ligament

Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50102B

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylene chloride

CAS Number: 75-09-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:43:59

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4\_027

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Suppurative
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
	Pelvis	Mineralization
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
	Pleura Nos	Fibrosis, Focal
Mammary gland		Fibroadenoma
Nasal cavity		Hyperplasia, Epithelial
		Hyperplasia, Focal
Ovary		Granulosa-Cell Tumor
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Thymoma, Benign
Urinary bladder	Submucosa	Edema, Nos
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_028

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Cortex Nos  
Colon  
Tubule

Cytoplasmic Vacuolization  
Parasitism  
Mineralization  
Nephropathy

Liver

Hepatocytes  
Bile Duct

Cytoplasmic Change, Basophilic  
Hyperplasia, Nos

Mammary gland

Fibroadenoma

Nasal cavity

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 4\_029

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Eye	Crystalline Lens	Cataract
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Urinary bladder	Submucosa	Edema, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_030

**TRT#:** 4

**DOSE:** 0

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Esophagus

Heart

Kidney

Liver

Lung

Nasal cavity

Myocardium Nos

Dilatation, Nos

Fibrosis, Diffuse

Nephropathy

Hemosiderosis

Granuloma, Foreign Body

Foreign Body, Nos

Inflammation, Suppurative

Metaplasia, Squamous

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_031

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hemosiderosis

Hepatocytes

Necrosis, Focal

Thyroid

C-Cell Adenoma

Uterus

Endometrial Stromal Polyp

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_032

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Kidney

Rectum  
Tubule

Parasitism  
Degeneration, Nos  
Nephropathy

Liver  
Lung  
Pituitary gland

Bile Duct  
Alveoli  
Anterior Pituitary

Hyperplasia, Nos  
Granuloma, Nos  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_033

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Inflammation, Pyogranulomatous

Pituitary gland

Anterior Pituitary

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_034

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Granuloma, Nos
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_035

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Eye

Lacrimal Gland

Inflammation, Chronic Focal

Nasolacrimal Duct

Inflammation, Suppurative

Kidney

Tubule

Degeneration, Nos

Nephropathy

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_036

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Lung

Inflammation, Granulomatous Focal

Pituitary gland

Anterior Pituitary

Inflammation, Granulomatous Focal

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_037

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Neoplastic Nodule
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_038

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Tubule

Degeneration, Nos

Nephropathy

Mammary gland

Adenocarcinoma, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 4\_039

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Clitoral gland		Hyperplasia, Epithelial
		Inflammation, Suppurative
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Vagina		Hemangioma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_040

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_041

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephropathy
Liver		Hemosiderosis
		Inflammation, Granulomatous Focal
Mammary gland		Galactocele
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_042

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Inflammation, Granulomatous Focal

Lung

Inflammation, Granulomatous Focal

Ovary

Granulosa-Cell Tumor

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_043

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Atrium

Thrombosis, Nos

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_044

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Pelvis	Mineralization
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_045

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hemosiderosis

Lymph node

Bronchial Lymph Node

Hemorrhage

Ovary

Cyst, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_046

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
Liver  
Lymph node

Cortex Nos  
Rectum  
Bile Duct  
Bronchial Lymph Node

Cytoplasmic Vacuolization  
Parasitism  
Nephropathy  
Hyperplasia, Nos  
Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

**ANIMAL ID:** 4\_047

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Nos
		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_048

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Clitoral gland

Inflammation, Suppurative

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Pituitary gland

Craniopharyngioma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50102B

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methylene chloride

**CAS Number:** 75-09-2

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

**Time Report Requested:** 14:43:59

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

**Lab:** NA

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**ANIMAL ID:** 4\_050

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

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**PRIMARY CAUSE OF DEATH**

-

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

\* PROTOCOL REQUIRED TISSUE