

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: 17:18:49

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: Male

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous
Lung		Bronchopneumonia, Nos
		Pneumonia, Aspiration
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Neck	Neurilemoma, Malignant

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Rectum	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
Unspecified	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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Brain	Medulla Oblongata Nos	Hemorrhage
	Cerebrum	Malacia
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Fibrosis, Multifocal
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	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: 17:18:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 40 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Metaplasia, Squamous
Prostate		Inflammation, Suppurative
Skin	Hip	Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Zymbal gland		Carcinoma, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Myocardium Nos	Calcification, Focal Fibrosis, Diffuse
Kidney		Nephropathy
Larynx		Hemorrhage
Liver	Hepatocytes Hepatocytes Bile Duct	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Fibrosis Hemosiderosis Inflammation, Granulomatous Focal
Nasal cavity		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Hemorrhage
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Seminal vesicle		Inflammation, Suppurative
Spleen		Necrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Back	Fibroma
	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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Cortex

Cytoplasmic Vacuolization
Mineralization
Nephropathy

Liver

Bile Duct

Fibrosis
Hemosiderosis
Hyperplasia, Nos
Inflammation, Pyogranulomatous

Bile Duct

Hepatocytes

Necrosis, Focal
Fibroadenoma
Adenoma, Nos
Inflammation, Suppurative

Mammary gland
Preputial gland

Seminal vesicle
Testis

Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor
Necrosis, Focal
Periarteritis

Unspecified

Mediastinum 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009	TRT#: 1 DOSE: 40 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization	
Kidney		Nephropathy	
Larynx		Inflammation, Suppurative	
Liver	Hepatocytes	Cytoplasmic Vacuolization	
	Bile Duct	Fibrosis	
		Hemosiderosis	
	Bile Duct	Hyperplasia, Nos	
	Hepatocytes	Necrosis, Focal	
Lung		Alveolar Macrophages	
	Alveoli	Hemorrhage	
	Alveoli	Inflammation, Suppurative	
	Alveoli	Necrosis, Focal	
Nasal cavity		Inflammation, Suppurative	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Testis		Atrophy, Nos	
		Hemorrhage	
		Interstitial-Cell Tumor	
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Hyperplasia, Interstitial 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
Nasal cavity		Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
Thyroid		Follicular-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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Acanthosis
Prostate		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
		Hyperplasia, Alveolar Epithelium
		Proteinosis, Alveolar
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Trachea		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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Fibrosis, Diffuse

Cardiac Valve

Metaplasia, Cartilaginous

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Preputial gland

Carcinoma, Nos

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Testis

Hemosiderosis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Urinary bladder

Leukemia, Mononuclear Cell

Hyperplasia, Epithelial

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon
Tubule

Parasitism
Degeneration, Nos
Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic
Hemosiderosis

Pancreas
Preputial gland
Seminal vesicle

Acinus

Atrophy, Diffuse
Inflammation, Suppurative
Inflammation, Suppurative

Skin
Testis

Acanthosis
Interstitial-Cell Tumor

Unspecified

Fibroma

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hyperplasia, Epithelial

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Ganglioneuroma
Heart	Myocardium Nos	Fibrosis, Diffuse
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Fibrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Mesothelioma, Invasive
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Leg	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Mesothelioma, Invasive

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Medulla
Colon
Tubule

Pheochromocytoma
Parasitism
Degeneration, Nos
Nephropathy

Liver

Hepatocytes
Hepatocytes
Bile Duct

Angiectasis
Cytoplasmic Change, Eosinophilic
Cytoplasmic Vacuolization
Fibrosis

Pituitary gland
Testis

Bile Duct
Anterior Pituitary

Hemosiderosis
Hyperplasia, Nos
Hyperplasia, Nos
Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Atrophy, Nos
Heart	Atrium	Thrombosis, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Mammary gland		Adenoma, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Fibrosis, Diffuse
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Bile Duct Hepatocytes	Hemosiderosis Hyperplasia, Nos Necrosis, Focal
Lung		Alveolar Macrophages
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid	Tunica Vaginalis	Mesothelioma, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Liver

Bile Duct

Atrophy, Nos

Atrophy, Nos

Fibrosis

Hemosiderosis

Inflammation, Granulomatous

Lung

Foreign Body, Nos

Testis

Atrophy, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Fibrosis, Diffuse

Kidney

Nephropathy

Liver

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Skin

Lower Leg

Keratoacanthoma

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Hyperplasia, Focal

Eye

Nasolacrimal Duct

Inflammation, Suppurative

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Hyperplasia, Epithelial

Inflammation, Suppurative

Spleen

Fibrosis, Focal

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Cerebrum	Atrophy, Pressure
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis Hemosiderosis
	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Fibroadenoma
Mammary gland		Atrophy, Focal
Pancreas	Acinus	Adenoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Epithelial
Seminal vesicle		Keratoacanthoma
Skin	Back	Mesothelioma, Invasive
Stomach	Omentum Nos	Atrophy, Nos Interstitial-Cell Tumor
Testis		Mesothelioma, Malignant Cyst, Ultimobranchial
Thyroid	Tunica Vaginalis	

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 40 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Mineralization
Bone		Fracture, Healed
		Fracture, Pathologic
Heart	Myocardium Nos	Fibrosis, Multifocal
		Mineralization
Kidney	Cortex	Mineralization
		Nephropathy
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative
Stomach	Glandular Stomach	Mineralization
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Necrosis, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Hyperplasia, Interstitial 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Brain		Hemorrhage
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Bile Duct	Fibrosis Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Trachea		Foreign Body, Nos 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Brain		Hemorrhage
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
	Islets	Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone	Maxilla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
	Acinus	Cytoplasmic Change, Basophilic
Pharynx	Pharyngeal Mucosa	Acanthosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Tooth		Malocclusion
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Nephropathy

Hemorrhage

Hemosiderosis

Hepatocellular Carcinoma

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Lung

Pituitary gland

Prostate

Testis

Thyroid

Unspecified

Alveoli

Anterior Pituitary

Hemorrhage

Adenoma, Nos

Inflammation, Suppurative

Interstitial-Cell Tumor

Hyperplasia, C Cell

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Suppurative
Stomach	Forestomach	Acanthosis
	Forestomach	Inflammation, Acute
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart	Atrium	Fibrosis, Focal
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Foreign Body, Nos Hyperplasia, Epithelial Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Liver	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Spleen		Necrosis, Focal
Testis		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver		Hemosiderosis
Lung	Bile Duct	Hyperplasia, Nos
Nasal cavity	Alveoli	Hemorrhage
Pituitary gland		Inflammation, Suppurative
Seminal vesicle	Anterior Pituitary	Adenoma, Nos
Testis		Inflammation, Suppurative
		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Ganglioneuroma
	Medulla	Pheochromocytoma
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung	Alveoli	Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Mesothelioma, Invasive

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Fibrosis, Diffuse
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
Lung		Congestion, Nos
		Edema, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Oral mucosa	Palate	Acanthosis
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic
Stomach	Forestomach	Acanthosis
	Forestomach	Inflammation, Acute
Testis		Atrophy, Nos
		Periarteritis
Unspecified	Head	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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Acanthosis
Heart	Myocardium Nos	Fibrosis, Diffuse
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Suppurative
Preputial gland		Cyst, Nos
		Inflammation, Chronic
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Zymbal gland		Carcinoma, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Cardiac Valve	Fibrosis, Diffuse Metaplasia, Cartilaginous Nephropathy
Kidney		Cytoplasmic Vacuolization
Liver	Hepatocytes	Hemosiderosis
	Hepatocytes	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Neck	Sarcoma, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 40 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos Myocardium Nos	Fibrosis, Diffuse Mineralization
Kidney	Cortex	Mineralization Nephropathy
Liver		Hemosiderosis
Lung	Alveoli	Hemorrhage
Nasal cavity		Hyperplasia, Epithelial Inflammation, Suppurative Metaplasia, Squamous
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Skin		Acanthosis Hyperkeratosis
Spleen		Fibrosis, Focal
Stomach	Glandular Stomach	Mineralization
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Cystic Follicles

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Nasal cavity

Hemorrhage

Peritoneum

Peritoneal Cavity Nos

Fibrosarcoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Testis

Hyperplasia, Interstitial 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hepatocytomegaly
		Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Adenoma
Stomach	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney

Medulla
Cardiac Valve
Colon
Tubule

Liver

Hepatocytes
Hepatocytes
Bile Duct
Acinus
Anterior Pituitary
Anterior Pituitary

Pancreas
Pituitary gland

Seminal vesicle
Testis

Pheochromocytoma
Metaplasia, Cartilaginous
Parasitism
Degeneration, Nos
Nephropathy
Cytoplasmic Change, Basophilic
Cytoplasmic Vacuolization
Hyperplasia, Nos
Atrophy, Focal
Adenoma, Nos
Cyst, Nos
Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Brain		Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Larynx

Liver

Pituitary gland

Seminal vesicle

Testis

Thyroid

Hepatocytes

Hepatocytes

Anterior Pituitary

Nephropathy

Inflammation, Suppurative

Cytoplasmic Change, Basophilic

Cytoplasmic Vacuolization

Adenoma, Nos

Inflammation, Suppurative

Interstitial-Cell Tumor

C-Cell 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Eye	Lacrimal Gland	Inflammation, Chronic Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Zymbal gland		Carcinoma, Nos 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Alveolar Macrophages Fibrosis, Multifocal
Nasal cavity		Foreign Body, Nos Inflammation, Chronic Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Periarteritis

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Atrophy, Nos
Brain		Atrophy, Pressure
		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Skin	Tail	Cyst, Epidermal Inclusion
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain		Atrophy, Pressure
	Meninges	Fibrosis
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Metaplasia, Squamous
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Angiectasis
		Cytoplasmic Change, Basophilic
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Skin	Tail	Acanthosis
	Tail	Inflammation, Suppurative
	Shoulder	Keratoacanthoma
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Medulla
Colon
Tubule

Pheochromocytoma
Parasitism
Degeneration, Nos
Nephropathy

Liver

Bile Duct

Fibrosis
Hemosiderosis

Bile Duct
Hepatocytes

Hyperplasia, Nos
Necrosis, Focal

Testis
Thyroid

Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Multifocal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
		Thrombosis, Nos
Lung		Alveolar Macrophages
		Alveolar/Bronchiolar Carcinoma
	Alveoli	Fibrosis, Multifocal
	Alveoli	Hemorrhage
		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
		Necrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Chronic Focal
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hemosiderosis
		Hyperplasia, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Nasal cavity		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Adenoma
		Periarteritis
Preputial gland		Inflammation, Suppurative
Prostate		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Carcinoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal Hemorrhage
Brain		
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver		Hemosiderosis Hyperplasia, Nos Necrosis, Focal
	Bile Duct Hepatocytes	Alveolar Macrophages
Lung		Metaplasia, Osseous
	Alveoli	Atrophy, Focal
Pancreas	Acinus	Adenoma, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Suppurative
Seminal vesicle		Atrophy, Nos Interstitial-Cell Tumor
Testis		C-Cell Adenoma
Thyroid		
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cyst, Nos
	Medulla	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Angiectasis
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Nasal cavity		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Tail	Acanthosis
Testis		Atrophy, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Hepatocytomegaly

Inflammation, Granulomatous Focal

Hepatocytes

Necrosis, Focal

Preputial gland

Carcinoma, Nos

Testis

Inflammation, Suppurative

Zymbal gland

Interstitial-Cell Tumor

Carcinoma, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Sternum	Hyperplasia, Focal
	Femur	Osteosarcoma
Heart	Myocardium Nos	Fibrosis, Diffuse
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Hepatocytes	Necrosis, Focal
Lung		Osteosarcoma, Metastatic
Testis		Hyperplasia, Interstitial Cell
Unspecified	Lower Leg Nos	Osteosarcoma, Invasive

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
Nasal cavity		Hemorrhage
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Hemorrhage
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Fibrosis
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Atrophy, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Infection, Bacterial
		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Hepatocytes	Necrosis, Focal
Nasal cavity		Foreign Body, Nos
		Infection, Bacterial
Pancreas	Acinus	Atrophy, Diffuse
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Prostate		Inflammation, Suppurative
Spleen		Fibrosis, Diffuse
Trachea		Infection, Bacterial
		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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver		Angiectasis
	Hepatocytes	Cytoplasmic Change, Basophilic
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Skin	Lower Leg	Inflammation, Chronic
	Lower Leg	Keratoacanthoma
		Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Heart

Myocardium Nos

Fibrosis, Focal

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Pituitary gland

Bile Duct

Hyperplasia, Nos

Spleen

Anterior Pituitary

Adenoma, Nos

Sarcoma, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver		Angiectasis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Preputial gland		Cyst, Nos
		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Skin	Back	Trichoepithelioma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Fibrosis, Focal

Kidney

Nephropathy

Liver

Angiectasis

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Nasal cavity

Inflammation, Suppurative

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Periarteritis

Unspecified

Multiple Organs Nos

Mineralization

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Hyperplasia, Focal

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Fibrosis

Bile Duct

Hemosiderosis

Hyperplasia, Nos

Parathyroid gland

Inflammation, Pyogranulomatous

Pituitary gland

Hyperplasia, Nos

Skin

Anterior Pituitary

Adenoma, Nos

Back

Trichoepithelioma

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Thyroid

Lymphoma, Nos-Malignant

Neoplasm, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Inflammation, Suppurative
	Pelvis	Mineralization
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen	Capsule	Cyst, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Focal
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Hemosiderosis
Nasal cavity		Inflammation, Suppurative Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
Trachea		Dysplasia, Epithelial Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos Multiple Organs Nos	Leukemia, Mononuclear Cell Mineralization

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Inflammation, Granulomatous Focal

Testis

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Intestine Small	Mesentery Nos	Ectopia
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
		Hepatocytomegaly
Nasal cavity	Bile Duct	Hyperplasia, Nos
		Foreign Body, Nos
		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Leg	Fibroma
	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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Neoplasm, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hepatocytes

Necrosis, Focal

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Tunica Vaginalis

Mesothelioma, Malignant

Unspecified

Multiple Organs Nos

Mesothelioma, Invasive

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Granulomatous Focal
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages Hyperplasia, Alveolar Epithelium
	Alveoli	Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
	Tunica Vaginalis	Hyperplasia, Mesothelial Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Groin	Inflammation, Granulomatous Focal
	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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pancreas		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ear	External Ear	Papilloma, Nos
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis Hepatocellular Carcinoma Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Atrium	Fibrosis, Focal Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos Multiple Organs Nos	Leukemia, Mononuclear Cell Mesothelioma, Malignant

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney	Cortex	Inflammation, Suppurative Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Stomach	Forestomach	Inflammation, Acute
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor Periarteritis

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Cytomegaly Cytoplasmic Vacuolization
Brain		Hemorrhage
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes Hepatocytes Bile Duct	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hyperplasia, Nos
Lung	Alveoli	Alveolar Macrophages Hemorrhage
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Hyperplasia, Epithelial
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Larynx

Cortex Nos
Colon

Cytoplasmic Vacuolization
Parasitism
Nephropathy
Foreign Body, Nos
Inflammation, Suppurative

Liver

Bile Duct

Hemosiderosis
Hyperplasia, Nos
Foreign Body, Nos
Hyperplasia, Nos

Nasal cavity
Parathyroid gland
Pituitary gland
Preputial gland
Testis

Anterior Pituitary

Adenoma, Nos
Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor
Mineralization

Unspecified

Multiple Organs 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

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: 17:18:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 10 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Bile Duct Bile Duct Hepatocytes	Fibrosis Hyperplasia, Nos Necrosis, Focal Foreign Body, Nos Hyperplasia, Epithelial Inflammation, Suppurative
Nasal cavity		Inflammation, Suppurative Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Suppurative Atrophy, Nos Interstitial-Cell Tumor
Seminal vesicle		Cystic Follicles
Testis		Hyperplasia, C Cell
Thyroid		Leukemia, Mononuclear Cell
Unspecified	Multiple Organs 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Hepatocytes	Necrosis, Focal
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Skull	Osteoporosis
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver		Hemosiderosis
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
	Alveoli	Hemorrhage
	Alveoli	Inflammation, Suppurative
Nasal cavity		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic Diffuse
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Periarteritis
Unspecified	Multiple Organs Nos	Mineralization

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
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	Carcinoma, Nos
Seminal vesicle		Inflammation, Suppurative
Skin	Groin	Acanthosis
	Back	Basal-Cell Carcinoma
	Groin	Inflammation, Chronic
Stomach	Forestomach	Inflammation, Acute
	Glandular Stomach	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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Kidney		Nephropathy
Liver	Hepatocytes Bile Duct Hepatocytes	Cytoplasmic Vacuolization Hyperplasia, Nos Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Preputial gland		Metaplasia, Squamous
Testis		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Carcinoma, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Hyperplasia, Interstitial 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Bile Duct	Cytoplasmic Vacuolization Hyperplasia, Nos
Lung	Alveoli	Alveolar Macrophages Necrosis, Focal
Nasal cavity		Inflammation, Suppurative Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Prostate

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Atrium	Fibrosis, Focal
Kidney	Tubule	Degeneration, Nos
	Cortex	Infarct, Focal
		Nephropathy
Liver	Bile Duct	Fibrosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung	Pleura Nos	Fibrosis, Multifocal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Chronic
Skin	Shoulder	Papilloma, Nos
Testis		Atrophy, Nos
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon
Tubule

Parasitism
Degeneration, Nos
Nephropathy

Liver

Hepatocytes
Hepatocytes
Bile Duct

Cytoplasmic Change, Basophilic
Cytoplasmic Vacuolization
Fibrosis
Hemosiderosis

Mammary gland
Nasal cavity

Fibroadenoma
Hyperplasia, Epithelial
Inflammation, Suppurative

Oral mucosa
Pancreas

Soft Palate
Acinus
Anterior Pituitary

Inflammation, Suppurative
Atrophy, Focal
Adenoma, Nos

Pituitary gland
Preputial gland
Testis

Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Hemosiderosis

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
	Rectum	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
	Atrium	Thrombosis, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Angiectasis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Skin	Back	Basal-Cell Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Myocardium Nos	Fibrosis, Multifocal
	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
	Rectum	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Galactocele
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
	Tunica Vaginalis	Mesothelioma, 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Hyperplasia, Focal

Kidney

Tubule

Degeneration, Nos

Nephropathy

Liver

Bile Duct

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Neoplastic Nodule

Lung

Alveolar Macrophages

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Bile Duct

Fibrosis

Hemosiderosis

Pancreas

Bile Duct

Hyperplasia, Nos

Acinus

Atrophy, Focal

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Bile Duct

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Suppurative

Prostate

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Lower Leg Nos

Osteosarcoma

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
Unspecified		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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Pituitary gland

Anterior Pituitary

Cyst, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver		Angiectasis
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hemorrhage
Preputial gland		Inflammation, Suppurative
Spleen		Necrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Hemosiderosis
Lung	Bile Duct	Hyperplasia, Nos Alveolar Macrophages
Pituitary gland	Alveoli	Fibrosis, Multifocal
Testis	Alveoli	Inflammation, Suppurative
Unspecified	Anterior Pituitary	Adenoma, Nos Atrophy, Nos Interstitial-Cell Tumor
	Multiple Organs Nos	Fibroma 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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Atrophy, Pressure
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Rectum	Neurofibrosarcoma
	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Inflammation, Granulomatous Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Skin	Thorax	Trichoepithelioma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Atrophy, Nos
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis
Pancreas	Acinus	Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hyperplasia, Epithelial

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Preputial gland		Carcinoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Fibrosis

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Anterior Pituitary

Adenoma, Nos

Pituitary gland

Inflammation, Suppurative

Prostate

Atrophy, Nos

Testis

Interstitial-Cell Tumor

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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Hemorrhage
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Testis		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Pheochromocytoma, Metastatic
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Necrosis, Focal
Stomach	Forestomach	Acanthosis
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Diffuse
	Alveoli	Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hemosiderosis Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Rectum	Parasitism
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney

Colon
Tubule

Parasitism
Degeneration, Nos
Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization
Hemosiderosis

Pancreas

Bile Duct

Hyperplasia, Nos

Pituitary gland

Acinus

Atrophy, Focal

Preputial gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Stomach

Forestomach

Inflammation, Suppurative

Testis

Forestomach

Acanthosis

Unspecified

Multiple Organs Nos

Inflammation, Acute

Urinary bladder

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

Hyperplasia, Epithelial

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Intestine Large	Colon	Parasitism
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Hepatocytes Bile Duct Bile Duct	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Fibrosis Hemosiderosis Hyperplasia, Nos Neoplastic Nodule
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Fibrosis, Focal
		Hyperplasia, Alveolar Epithelium
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Periarteritis
Thyroid		C-Cell 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Intestine Large	Rectum	Parasitism
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Hepatocytes	Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Preputial gland	Hepatocytes	Necrosis, Focal Carcinoma, Nos Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Hepatocytomegaly

Pituitary gland

Anterior Pituitary

Pigmentation, Nos

Spleen

Hyperplasia, Nos

Testis

Fibrosis, Focal

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Urinary bladder

Leukemia, Mononuclear Cell

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Kidney		Nephropathy
Liver		Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Pigmentation, Nos
Lung	Alveoli	Inflammation, Suppurative
Spleen		Fibrosis, Multifocal
		Necrosis, Focal
Testis		Hyperplasia, Interstitial 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Prostate		Hyperplasia, Epithelial
		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Inflammation, Suppurative

Pancreas

Acinus

Atrophy, Focal

Prostate

Inflammation, Suppurative

Spleen

Fibrosis, Focal

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Follicular-Cell Carcinoma

Urinary bladder

Leukemia, Mononuclear Cell

Calculus, Unknown Gross Or Micro

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct Lacrimal Gland Nasolacrimal Duct	Acanthosis Inflammation, Chronic Focal Inflammation, Suppurative
Heart	Ventricle	Dilatation, Nos
Intestine Large	Rectum Rectum	Carcinoma, Nos Prolapse
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
Salivary gland		Inflammation, Chronic Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Blood vessel

Pulmonary Artery Nos

Mineralization

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Fibrosis

Bile Duct

Hyperplasia, Nos

Anterior Pituitary

Adenoma, Nos

Pituitary gland

Inflammation, Suppurative

Prostate

Atrophy, Nos

Testis

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hemorrhage
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Hyperplasia, Nos
Nephropathy
Hemosiderosis

Pancreas
Preputial gland

Bile Duct
Hepatocytes
Islets

Hyperplasia, Nos
Necrosis, Focal
Hyperplasia, Nos
Acanthosis

Testis
Unspecified

Multiple Organs Nos

Hyperkeratosis
Interstitial-Cell Tumor
Mesothelioma, 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Brain		Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
	Hepatocytes	Necrosis, Focal
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Carcinoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

SEX: Male

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
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Chronic Focal
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Small	Ileum, Ileum	Meckel'S Diverticulum
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Pancreas	Acinus	Atrophy, Focal
Skin	Foot And Toe Nos	Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Pituitary gland

Preputial gland

Testis

Hepatocytes

Acinus

Anterior Pituitary

Nephropathy

Cytoplasmic Change, Basophilic

Atrophy, Focal

Adenoma, Nos

Carcinoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Skin	Back	Sebaceous Adenocarcinoma
Spleen		Hemorrhage
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Tubule

Cytoplasmic Vacuolization
Degeneration, Nos
Nephropathy

Liver
Pituitary gland
Salivary gland
Seminal vesicle
Testis

Bile Duct
Anterior Pituitary

Hyperplasia, Nos
Cyst, Nos
Inflammation, Chronic Focal
Inflammation, Suppurative
Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Nasal cavity

Metaplasia, Squamous

Pancreas

Islets

Hyperplasia, Nos

Preputial gland

Carcinoma, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Hyperplasia, Epithelial

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Hepatocytes

Necrosis, Focal

Unspecified

Multiple Organs Nos

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Hepatocellular Carcinoma

Hepatocytomegaly

Bile Duct

Hyperplasia, Nos

Anterior Pituitary

Adenoma, Nos

Pituitary gland

Prostate

Inflammation, Suppurative

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Bronchial Lymph Node	Hyperplasia, Lymphoid
Peritoneum	Peritoneal Cavity Nos	Liposarcoma
Seminal vesicle		Inflammation, Suppurative
Spleen		Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Hyperplasia, Epithelial
Skin		Papilloma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla
Tubule

Hyperplasia, Focal
Degeneration, Nos
Nephropathy

Liver
Nasal cavity

Bile Duct

Hyperplasia, Nos
Foreign Body, Nos
Inflammation, Suppurative

Preputial gland
Testis

Inflammation, Suppurative
Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Nasolacrimal Duct

Inflammation, Suppurative

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Hyperplasia, Interstitial Cell

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large

Medulla
Cardiac Valve
Colon
Rectum

Hyperplasia, Focal
Metaplasia, Cartilaginous
Parasitism
Parasitism

Kidney
Liver

Hepatocytes
Bile Duct

Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, Nos

Pancreas
Pituitary gland

Acinus
Anterior Pituitary

Atrophy, Focal
Hyperplasia, Nos

Skin

Tail

Acanthosis

Testis

Tail

Inflammation, Suppurative

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Tubule

Degeneration, Nos

Liver

Nephropathy

Hemosiderosis

Bile Duct

Hyperplasia, Nos

Thrombosis, Nos

Lung

Alveolar Macrophages

Alveoli

Fibrosis, Focal

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Pancreas
Pituitary gland
Spleen
Testis
Unspecified

Medulla
Rectum

Hepatocytes
Bile Duct
Islets
Anterior Pituitary

Multiple Organs Nos

Hyperplasia, Nos
Parasitism
Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Islet-Cell Adenoma
Adenoma, Nos
Fibrosis, Focal
Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Mineralization
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Nose	Papilloma, Nos
Stomach	Glandular Stomach	Mineralization
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney	Tubule	Degeneration, Nos
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Necrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Lung

Edema, Nos

Unspecified

Alveoli

Hemorrhage

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Medulla Oblongata Nos	Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hemosiderosis
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Inflammation, Suppurative
	Mandibular Lymph Node	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Hyperplasia, Epithelial

Skin

Abdomen

Keratoacanthoma

Lip Nos

Papilloma, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Diffuse
Skin		Trichoepithelioma
Spleen		Necrosis, Focal
Stomach	Forestomach	Acanthosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Larynx

Inflammation, Suppurative

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Fibrosis

Bile Duct

Hyperplasia, Nos

Lung

Alveolar Macrophages

Foreign Body, Nos

Inflammation, Granulomatous Focal

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Unspecified

Abdomen

Fibroma

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Fibrosis, Multifocal
Preputial gland		Inflammation, Chronic
		Metaplasia, Squamous
Seminal vesicle		Inflammation, Suppurative
Stomach	Forestomach	Hernia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder	Submucosa	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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Peritoneum		Inflammation, Chronic Focal
		Necrosis, Fat
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis
		Hemosiderosis
Spleen	Bile Duct	Hyperplasia, Nos
		Fibrosis, Diffuse
Testis		Necrosis, Diffuse
		Atrophy, Nos
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor
		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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Atrophy, Pressure
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Inflammation, Granulomatous Focal
Lung		Alveolar/Bronchiolar 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Liver	Hepatocytes	Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Suppurative
Stomach	Forestomach	Acanthosis
	Forestomach	Inflammation, Acute
Testis		Hyperplasia, Interstitial 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Brain

Heart

Kidney

Myocardium Nos

Tubule

Atrophy, Nos

Atrophy, Pressure

Fibrosis, Diffuse

Degeneration, Nos

Nephropathy

Liver

Bile Duct

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Adenoma, Nos

Seminal vesicle

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: 17:18:50
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_040

TRT#: 4
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Cytoplasmic Vacuolization Hyperplasia, Nos Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Bile Duct Bile Duct Hepatocytes	Fibrosis Hemosiderosis Hyperplasia, Nos Necrosis, Focal
Lung		Alveolar Macrophages
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Hyperplasia, Epithelial Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Skin	Hip	Papilloma, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye	Lacrimal Gland	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Preputial gland		Cyst, Nos
		Inflammation, Chronic Suppurative
Testis		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Liver

Pituitary gland
Preputial gland
Seminal vesicle
Testis

Cortex Nos
Colon

Hepatocytes

Bile Duct
Anterior Pituitary

Cytoplasmic Vacuolization
Parasitism
Nephropathy
Cytoplasmic Change, Basophilic
Hepatocytomegaly
Hyperplasia, Nos
Adenoma, Nos
Inflammation, Suppurative
Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor

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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Hemosiderosis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Nephropathy
Liver	Hepatocytes Bile Duct	Cytoplasmic Vacuolization Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Anterior Chamber	Inflammation, Suppurative
	Cornea	Inflammation, Suppurative
	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Pituitary gland
Preputial gland
Testis

Colon

Bile Duct
Alveoli
Anterior Pituitary

Parasitism
Nephropathy
Hyperplasia, Nos
Fibrosis, Focal
Cyst, Nos
Hyperkeratosis
Atrophy, Nos
Interstitial-Cell Tumor
C-Cell Carcinoma
Leukemia, Mononuclear Cell

Thyroid
Unspecified

Multiple Organs 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Coronary Artery Nos	Thrombosis, Nos
Brain		Hemorrhage
Heart	Myocardium Nos	Fibrosis, Diffuse
	Myocardium Nos	Necrosis, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Trachea		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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Angiectasis
Nasal cavity	Bile Duct	Hyperplasia, Nos Foreign Body, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Suppurative Cyst, Nos
Seminal vesicle		Inflammation, Suppurative
Skin	Lower Leg	Keratoacanthoma
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor 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: 17:18:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Suppurative
Heart	Myocardium Nos	Hemorrhage
Kidney		Nephropathy
Larynx		Inflammation, Focal
Lung		Edema, Nos
Pancreas		Periarteritis
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****