

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:05

First Dose M/F: NA / NA

Lab: NA

C Number: C04580F

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis Necrosis, Nos Thrombosis, Nos
Kidney	Tubule	Mineralization Nephropathy
Larynx		Metaplasia, Squamous
Liver		Degeneration, Cystic
Lung		Fibrosis Inflammation, Nos Thrombosis, Nos
Nasal cavity		Mineralization
Parathyroid gland		Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
Liver		Nuclear Enlargement Angiectasis Clear-Cell Change Cytoplasmic Change, Basophilic
Lung		Perivascular Cuffing
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Nos
Lung		Histiocytosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Nos
Skin	Tail	Acanthosis
	Tail	Parakeratosis
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid Hyperplasia, Nos Necrosis, Nos
Heart		Thrombosis, Nos
Kidney		Nephropathy
Larynx		Nuclear Enlargement
Liver		Inflammation, Suppurative
Lung	Bile Duct	Degeneration, Nos Hyperplasia, Nos
Lymph node		Histiocytosis
Mammary gland	Mandibular Lymph Node	Hyperplasia, Alveolar Epithelium
Nasal cavity		Lymphangiectasis
Pancreas		Hyperplasia, Nos
Pituitary gland		Mineralization
Preputial gland		Thrombosis, Nos
Testis	Anterior Pituitary	Atrophy, Focal
Unspecified		Degeneration, Cystic
Urinary bladder	Multiple Organs Nos	Inflammation, Nos Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Medulla	Pheochromocytoma
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Lung		Histiocytosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Skin	Trunk	Basal-Cell Tumor
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Pelvis	Fibroma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Eye

Medulla

Pheochromocytoma

Heart

Degeneration, Nos

Kidney

Thrombosis, Nos

Nephropathy

Liver

Nuclear Enlargement

Degeneration, Lipoid

Nasal cavity

Bile Duct

Hyperplasia, Nos

Testis

Thrombosis, Nos

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Urinary bladder

Leukemia, Mononuclear Cell

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lung		Fibrosis
		Histiocytosis
Nasal cavity		Mineralization
		Thrombosis, Nos
Pancreas		Atrophy, Diffuse
	Islets	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Lymph node	Thoracic Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Parathyroid gland		Adenoma, Nos
Peritoneum	Peritoneal Cavity Nos	Pigmentation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Hyperplasia, Nos Hyperplasia, Nos Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
Liver		Nuclear Enlargement Cytoplasmic Change, Basophilic Degeneration, Lipoid
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative Mineralization
Pancreas		Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Tongue		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Thrombosis, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
		Thrombosis, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
		Inflammation, Nos
		Thrombosis, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Thrombosis, Nos
Pancreas	Islets	Islet-Cell Adenoma
Seminal vesicle		Inflammation, Suppurative
Spleen		Necrosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cystic
	Medulla	Hyperplasia, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Fibrosis
	Bronchiole	Hyperplasia, Epithelial
	Bronchiole	Inflammation, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
		Mineralization
		Thrombosis, Nos
Peritoneum	Peritoneal Cavity Nos	Angiectasis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Thrombosis, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Cystic
		Degeneration, Lipoid
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Fibrosis
		Hemorrhage
		Histiocytosis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
		Mineralization
		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
Seminal vesicle		Inflammation, Suppurative
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Nos
	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Mediastinum Nos	Thrombosis, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Lung

Nuclear Enlargement

Mammary gland

Congestion, Nos

Nasal cavity

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Mineralization

Seminal vesicle

Adenoma, Nos

Testis

Inflammation, Nos

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Trunk	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Intestine Large

Colon

Pheochromocytoma

Kidney

Parasitism

Liver

Nephropathy

Nasal cavity

Nuclear Enlargement

Pituitary gland

Anterior Pituitary

Degeneration, Cystic

Preputial gland

Anterior Pituitary

Mineralization

Testis

Degeneration, Cystic

Thyroid

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Inflammation, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Hyperplasia, Tubular Cell Nephropathy Nuclear Enlargement
Liver		Angiectasis Cytoplasmic Change, Basophilic
Nasal cavity		Inflammation, Nos
Oral mucosa	Mouth Nos	Squamous Cell Papilloma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Mineralization
Urinary bladder		Hyperplasia, Epithelial Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Hyperplasia, Nos

Medulla

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Liver

Nuclear Enlargement

Nasal cavity

Cytoplasmic Change, Basophilic

Pituitary gland

Mineralization

Preputial gland

Anterior Pituitary

Adenoma, Nos

Testis

Carcinoma, Nos

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Bone marrow		Fibrosis
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Nos
		Metaplasia, Squamous
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Nasal cavity		Mineralization
		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
		Thrombosis, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lung		Fibrosis
		Histiocytosis
Nasal cavity		Thrombosis, Nos
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Fibrosis
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Degeneration, Nos
	Anterior Pituitary	Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
Liver		Nuclear Enlargement
Lung	Bile Duct	Degeneration, Lipoid Hyperplasia, Nos Hemorrhage Histiocytosis
Nasal cavity		Thrombosis, Nos
Pancreas	Islets	Hyperplasia, Nos
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Cytoplasmic Change, Basophilic
		Hyperplasia, Nos
		Neoplastic Nodule
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Spleen		Fibrosis
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney

Hypertrophy, Nos
Fibrosis
Nephropathy
Nuclear Enlargement

Lung
Nasal cavity

Histiocytosis
Inflammation, Suppurative
Metaplasia, Squamous
Mineralization

Pituitary gland
Preputial gland
Testis

Anterior Pituitary

Thrombosis, Nos
Hyperplasia, Nos
Inflammation, Nos
Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Metaplasia, Osseous
Heart		Fibrosis
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas		Atrophy, Focal
Preputial gland		Inflammation, Nos
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Larynx

Liver

Pituitary gland

Prostate

Seminal vesicle

Spleen

Stomach

Testis

Urinary bladder

Medulla

Nasolacrimal Duct

Anterior Pituitary

Forestomach

Forestomach

Degeneration, Lipoid

Hyperplasia, Nos

Inflammation, Suppurative

Nephropathy

Nuclear Enlargement

Inflammation, Suppurative

Degeneration, Lipoid

Carcinoma, Nos

Inflammation, Suppurative

Inflammation, Suppurative

Hemosiderosis

Hyperplasia, Epithelial

Ulcer, Nos

Perivasculitis

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Nuclear Enlargement

Degeneration, Lipoid

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Nasal cavity

Thrombosis, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Cystic

Blood vessel

Medulla

Hyperplasia, Nos

Heart

Pheochromocytoma

Hypertrophy, Nos

Kidney

Fibrosis

Inflammation, Nos

Mammary gland

Nephropathy

Nuclear Enlargement

Nasal cavity

Hyperplasia, Nos

Hyperplasia, Epithelial

Inflammation, Suppurative

Metaplasia, Squamous

Mineralization

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Inflammation, Nos

Seminal vesicle

Inflammation, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Trunk

Fibroma

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Hyperplasia, Epithelial
		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas		Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Tongue		Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Heart

Hyperplasia, Nos

Kidney

Fibrosis

Nephropathy

Lymph node

Mandibular Lymph Node

Nuclear Enlargement

Mammary gland

Hyperplasia, Nos

Nasal cavity

Hyperplasia, Nos

Pituitary gland

Mineralization

Preputial gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Nos

Stomach

Forestomach

Inflammation, Suppurative

Testis

Forestomach

Inflammation, Nos

Ulcer, Nos

Perivasculitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Nos
		Inflammation, Suppurative
		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
Prostate		Hyperplasia, Epithelial
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Trunk	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Thrombosis, Nos
Pancreas		Atrophy, Focal
		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Medulla	Pheochromocytoma
Eye		Degeneration, Nos
	Cornea	Inflammation, Nos
	Nasolacrimal Duct	Inflammation, Suppurative
	Crystalline Lens	Mineralization
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Lung		Inflammation, Suppurative
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
	Mandibular Lymph Node	Lymphangiectasis
Nasal cavity		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Abscess, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Perivasculitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1
DOSE: 400 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Carcinoma, Nos, Invasive
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Nos
Lung		Histiocytosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Mineralization
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Preputial gland		Inflammation, Nos
Skin		Basal-Cell Carcinoma
Spleen		Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Galactocele
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Salivary gland		Metaplasia, Squamous
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Tubular-Cell Adenocarcinoma
Liver		Inflammation, Suppurative
		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Preputial gland		Adenoma, Nos
		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Nasal cavity

Testis

Unspecified

Multiple Organs Nos

Nephropathy
Mineralization
Thrombosis, Nos
Atrophy, Nos
Interstitial-Cell Tumor
Mineralization
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Fibrosis
Brain		Glioma, Nos
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
		Tubular-Cell Adenoma
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Nasal cavity		Mineralization
		Thrombosis, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 400 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Epididymis		Adenocarcinoma, Nos
Heart		Fibrosis
		Thrombosis, Nos
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
		Nuclear Enlargement
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
		Thrombosis, Nos
Preputial gland		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
Spleen		Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Nuclear Enlargement

Liver

Bile Duct

Hyperplasia, Nos

Oral mucosa

Erosion

Inflammation, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Preputial gland

Carcinoma, Nos

Prostate

Inflammation, Suppurative

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Hypertrophy, Nos

Thrombosis, Nos

Heart

Fibrosis

Kidney

Nephropathy

Nuclear Enlargement

Liver

Tubular-Cell Adenocarcinoma

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Seminal vesicle

Inflammation, Suppurative

Skin

Abscess, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Hematopoiesis

Multiple Organs Nos

Tubular-Cell Adenocarcinoma, Invasive

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Intestine Large	Colon	Parasitism
	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Tubular-Cell Adenoma
Liver		Inflammation, Suppurative
		Angiectasis
Lung		Inflammation, Granulomatous Focal
Nasal cavity		Alveolar/Bronchiolar Adenoma
		Inflammation, Nos
Oral mucosa		Mineralization
Preputial gland		Hyperplasia, Epithelial
Prostate		Inflammation, Nos
Salivary gland		Inflammation, Suppurative
Testis		Metaplasia, Squamous
		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Glioma, Nos
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Mineralization
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
		Thrombosis, Nos
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lymph node	Thoracic Lymph Node	Hemosiderosis
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
		Mineralization
		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Nos
	Forestomach	Ulcer, Nos
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Glioma, Nos
Heart		Fibrosis
		Thrombosis, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Fibrosis
		Hemorrhage
		Inflammation, Nos
Nasal cavity		Mineralization
		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
	Anterior Pituitary	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Thrombosis, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lung		Histiocytosis
		Inflammation, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Degeneration, Cystic
Unspecified	Head	Abscess, Nos
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Brain

Medulla

Pheochromocytoma

Kidney

Hemorrhage

Nephropathy

Liver

Bile Duct

Nuclear Enlargement

Hyperplasia, Nos

Lung

Necrosis, Nos

Hemorrhage

Nasal cavity

Mineralization

Oral mucosa

Mouth Nos

Squamous Cell Carcinoma

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Glioma, Nos
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Cyst, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
		Thrombosis, Nos
Nasal cavity		Mineralization
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Seminal vesicle		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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Hyperplasia, Tubular Cell Nephropathy Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Lung		Histiocytosis Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Nos
Nasal cavity		Mineralization
Seminal vesicle		Inflammation, Nos
Skin		Inflammation, Chronic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Suppurative
	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 400 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Bone marrow		Fibrosis
Heart		Fibrosis
Kidney		Hyperplasia, Tubular Cell Nephropathy
Liver	Bile Duct	Nuclear Enlargement Hyperplasia, Nos
Lung		Fibrosis Hyperplasia, Alveolar Epithelium
Nasal cavity	Bronchiole	Hyperplasia, Epithelial
Pancreas		Thrombosis, Nos
Pituitary gland		Atrophy, Focal
Preputial gland	Anterior Pituitary	Adenoma, Nos
Testis		Inflammation, Nos 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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Mammary gland
Nasal cavity

Colon

Bile Duct

Prostate
Spleen
Testis

Capsule

Unspecified

Leg
Head
Multiple Organs Nos

Parasitism
Nephropathy
Hyperplasia, Nos
Hyperplasia, Nos
Mineralization
Thrombosis, Nos
Inflammation, Suppurative
Thrombosis, Nos
Atrophy, Nos
Interstitial-Cell Tumor
Fibroma
Fibrosarcoma
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Inflammation, Suppurative
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Edema, Nos
		Histiocytosis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
		Inflammation, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Periportal	Inflammation, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
	Mandibular Lymph Node	Lymphangiectasis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Tongue		Foreign Body, Nos
		Inflammation, Granulomatous Focal
		Squamous Cell Papilloma
Trachea		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Nasal cavity

Pancreas

Pituitary gland

Preputial gland

Testis

Unspecified

Bile Duct

Anterior Pituitary

Multiple Organs Nos

Hematopoiesis

Fibrosis

Nephropathy

Hyperplasia, Nos

Hyperplasia, Nos

Inflammation, Suppurative

Mineralization

Atrophy, Diffuse

Hyperplasia, Nos

Adenoma, Nos

Inflammation, Suppurative

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Cytoplasmic Vacuolization
Eye	Lacrimal Apparatus	Inflammation, Nos
Heart		Fibrosis
		Inflammation, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Foreign Body, Nos
		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Mineralization
Oral mucosa		Inflammation, Suppurative
Pancreas		Atrophy, Diffuse
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Zymbal gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Hyperplasia, Nos Hyperplasia, Nos Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Intestine Large	Colon	Inflammation, Nos
Kidney		Parasitism
		Nephropathy
Liver		Nuclear Enlargement
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Nasal cavity	Bile Duct	Hyperplasia, Nos
		Inflammation, Suppurative
		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Hyperplasia, Tubular Cell Nephropathy
Liver	Bile Duct	Nuclear Enlargement Hyperplasia, Nos Neoplastic Nodule
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid	Tunica Vaginalis	Mesothelioma, Nos
Unspecified	Multiple Organs Nos	C-Cell Carcinoma
Urinary bladder		Leukemia, Mononuclear Cell Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney		Nephropathy
Liver		Degeneration, Lipoid
		Hemorrhage
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Stomach		Hyperplasia, Epithelial
		Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Lacrimal Apparatus
Heart	
Kidney	
Nasal cavity	

Inflammation, Nos
Inflammation, Nos
Nephropathy
Inflammation, Suppurative
Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Preputial gland		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Heart		Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial
	Pelvis	Inflammation, Suppurative
		Nephropathy
		Nuclear Enlargement
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Pyogranulomatous
Prostate		Inflammation, Nos
Seminal vesicle		Inflammation, Nos
Spleen		Necrosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Brain

Medulla

Pheochromocytoma

Heart

Hemorrhage

Kidney

Fibrosis

Nephropathy

Larynx

Nuclear Enlargement

Liver

Bile Duct

Inflammation, Nos

Lung

Hyperplasia, Nos

Hemorrhage

Nasal cavity

Histiocytosis

Testis

Thrombosis, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Trachea

Mineralization

Unspecified

Multiple Organs Nos

Inflammation, Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Thrombosis, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Degeneration, Cystic
		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Thrombosis, Nos
Peritoneum	Peritoneal Cavity Nos	Necrosis, Fat
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Stomach	Glandular Stomach	Erosion
	Glandular Stomach	Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Medulla	Pheochromocytoma
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Nasal cavity		Mineralization
Preputial gland		Inflammation, Nos
Salivary gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Tail	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart		Fibrosis
		Inflammation, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Foot Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
		Thrombosis, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenoma, Nos
Seminal vesicle		Abscess, Nos
Spleen		Fibrosis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Medulla	Pheochromocytoma
Heart		Inflammation, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
		Tubular-Cell Adenoma
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas		Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Salivary gland		Metaplasia, Squamous
Seminal vesicle		Inflammation, Suppurative
Spleen		Leukemia, Mononuclear Cell
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Lacrimal Apparatus	Metaplasia, Squamous
Kidney		Nephropathy
		Nuclear Enlargement
Liver	Periportal	Fibrosis
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
		Thrombosis, Nos
Peritoneum	Peritoneal Cavity Nos	Necrosis, Fat
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
	Anterior Pituitary	Hyperplasia, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Preputial gland		Hyperplasia, Epithelial
		Inflammation, 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: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 200 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
Testis		Thrombosis, Nos
		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Degeneration, Cystic
		Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Medulla

Pheochromocytoma

Kidney

Fibrosis

Lipoma

Nephropathy

Nuclear Enlargement

Liver

Angiectasis

Cytoplasmic Change, Basophilic

Degeneration, Cystic

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Nasal cavity

Mineralization

Prostate

Hyperplasia, Epithelial

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Eye	Lacrimal Apparatus	Hyperplasia, Epithelial
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla

Pheochromocytoma
Fibrosis
Nephropathy
Nuclear Enlargement
Clear-Cell Change
Cytoplasmic Change, Basophilic

Liver

Inflammation, Nos

Nasal cavity

Mineralization

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

Preputial gland

Inflammation, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Inflammation, Suppurative
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Nasal cavity		Inflammation, Suppurative
		Mineralization
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Prostate		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Lacrimal Apparatus	Metaplasia, Squamous
Heart		Fibrosis
		Thrombosis, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Skin		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Inflammation, Suppurative
		Nephropathy
		Nuclear Enlargement
		Tubular-Cell Adenoma
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Parathyroid gland		Hyperplasia, Nos
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Eye

Medulla

Hyperplasia, Nos

Kidney

Nasolacrimal Duct

Pheochromocytoma

Larynx

Inflammation, Suppurative

Liver

Nephropathy

Inflammation, Nos

Lung

Bile Duct

Degeneration, Lipoid

Mammary gland

Hyperplasia, Nos

Pancreas

Histiocytosis

Stomach

Hyperplasia, Nos

Testis

Glandular Stomach

Atrophy, Focal

Unspecified

Multiple Organs Nos

Erosion

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Thrombosis, 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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Blood vessel		Inflammation, Chronic
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Salivary gland		Metaplasia, Squamous
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Nasal cavity

Pancreas

Preputial gland

Testis

Islets

Hematopoiesis

Fibrosis

Nephropathy

Nuclear Enlargement

Leukocytosis, Nos

Neoplastic Nodule

Hyperplasia, Nos

Inflammation, Suppurative

Mineralization

Hyperplasia, Nos

Inflammation, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035	TRT#: 2 DOSE: 200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Nos	
	Medulla	Pheochromocytoma	
Blood vessel		Inflammation, Chronic	
Heart		Fibrosis	
		Inflammation, Nos	
Intestine Large	Rectum	Parasitism	
Intestine Small	Jejunum	Leiomyoma	
Kidney		Hyperplasia, Tubular Cell	
		Nephropathy	
		Nuclear Enlargement	
Liver		Cytoplasmic Change, Basophilic	
		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Nos	
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos	
Mammary gland		Hyperplasia, Nos	
Nasal cavity		Inflammation, Nos	
		Mineralization	
Pancreas		Atrophy, Focal	
Pituitary gland	Anterior Pituitary	Adenoma, Nos	
Preputial gland		Adenoma, Nos	
		Inflammation, Nos	
Prostate		Hyperplasia, Epithelial	
		Inflammation, Suppurative	
Skin		Squamous Cell Papilloma	
Testis		Atrophy, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Hemorrhage
		Necrosis, Focal
Heart		Fibrosis
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
		Regeneration, Nos
Lung		Hemorrhage
		Histiocytosis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
Seminal vesicle		Inflammation, Suppurative
Spleen		Necrosis, Nos
Stomach	Forestomach	Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel		Hypertrophy, Nos
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Granulomatous Focal
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Hyperplasia, Tubular Cell
		Nephropathy
Larynx		Nuclear Enlargement
Liver		Inflammation, Suppurative
		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
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

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Tubule

Mineralization

Nephroblastoma

Nephropathy

Larynx

Foreign Body, Nos

Inflammation, Suppurative

Lung

Nephroblastoma, Metastatic

Nasal cavity

Inflammation, Suppurative

Metaplasia, Squamous

Prostate

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart		Thrombosis, Nos
Kidney		Nephropathy
		Tubular-Cell Adenoma
Larynx		Inflammation, Suppurative
Liver		Degeneration, Nos
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Hemorrhage
		Hepatocellular Carcinoma, Metastatic
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
		Thrombosis, Nos
Pancreas		Atrophy, Diffuse
Peritoneum	Peritoneal Cavity Nos	Necrosis, Fat
Stomach	Forestomach	Hyperplasia, Epithelial
	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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Intestine Large	Colon	Hyperplasia, Lymphoid
Kidney		Nephropathy
		Nuclear Enlargement
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
		Mineralization
Preputial gland		Carcinoma, Nos
Salivary gland		Metaplasia, Squamous
Skin		Keratoacanthoma
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Lacrimal Apparatus	Inflammation, Nos
	Lacrimal Apparatus	Metaplasia, Squamous
Heart		Thrombosis, Nos
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Tooth		Foreign Body, Nos
		Inflammation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Blood vessel		Inflammation, Chronic
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 200 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Hemorrhage
		Necrosis, Focal
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
		Hyperplasia, Alveolar Epithelium
		Metaplasia, Osseous
		Thrombosis, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
		Thrombosis, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
Spleen		Necrosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
		Nuclear Enlargement
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Mineralization
Preputial gland		Cystic Ducts
		Inflammation, Nos
Prostate		Inflammation, Suppurative
Spleen		Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Foot Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Larynx		Inflammation, Suppurative
Liver		Angiectasis
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lymph node	Thoracic Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Foot Nos	Sebaceous Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Thrombosis, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Nos
		Inflammation, Suppurative
		Thrombosis, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Skin		Inflammation, Suppurative
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Heart		Fibrosis
		Inflammation, Nos
Kidney		Nephropathy
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
		Hepatocytomegaly
Lymph node	Thoracic Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Galactocele
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Preputial gland		Cystic Ducts
		Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Kidney

Pheochromocytoma

Nasal cavity

Infarct, Nos

Pituitary gland

Anterior Pituitary

Nephropathy

Seminal vesicle

Inflammation, Suppurative

Mineralization

Trachea

Adenoma, Nos

Unspecified

Multiple Organs Nos

Fibrosis

Inflammation, Nos

Inflammation, Suppurative

Chordoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Mineralization
Pancreas		Atrophy, Focal
	Islets	Islet-Cell Adenoma
Preputial gland		Inflammation, 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

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis
Testis		Adenocarcinoma, Nos
		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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Kidney

Pheochromocytoma

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Lymph node

Mandibular Lymph Node

Inflammation, Granulomatous Focal

Nasal cavity

Hyperplasia, Nos

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Mineralization

Preputial gland

Adenoma, Nos

Cystic Ducts

Prostate

Inflammation, Suppurative

Testis

Inflammation, Suppurative

Thyroid

Atrophy, Nos

Unspecified

Multiple Organs Nos

C-Cell Carcinoma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Nos

Nasal cavity

Mineralization

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Prostate

Inflammation, Suppurative

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Pancreas		Atrophy, Focal
Preputial gland		Abscess, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Stomach	Glandular Stomach	Hemorrhage
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Tooth		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
		Thrombosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lung		Histiocytosis
Nasal cavity		Mineralization
Seminal vesicle		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hematopoiesis

Blood vessel

Hyperplasia, Nos

Heart

Hypertrophy, Nos

Kidney

Fibrosis

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Nasal cavity

Bile Duct

Hyperplasia, Nos

Pancreas

Mineralization

Pituitary gland

Atrophy, Focal

Preputial gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Nos

Testis

Inflammation, Suppurative

Thyroid

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart		Fibrosis
		Inflammation, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Neoplastic Nodule
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Necrosis, Focal
Kidney		Nephropathy
Liver		Degeneration, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Brain	Cortex Nos	Hyperplasia, Nos Hemorrhage Necrosis, Focal
Heart		Fibrosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Nasal cavity		Mineralization
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Heart		Fibrosis
Intestine Large	Colon	Parasitism
	Rectum	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
		Leukocytosis, Nos
Lung	Bronchiole	Hyperplasia, Epithelial
Mammary gland		Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
		Inflammation, Suppurative
		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
		Perivasculitis
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Brain

Pheochromocytoma

Glioma, Nos

Heart

Hemosiderosis

Fibrosis

Kidney

Inflammation, Nos

Nephropathy

Lung

Histiocytosis

Nasal cavity

Mineralization

Pituitary gland

Anterior Pituitary

Degeneration, Cystic

Testis

Anterior Pituitary

Hyperplasia, Nos

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye		Hemorrhage
Liver	Bile Duct	Hyperplasia, Nos
Lung		Metaplasia, Osseous
Nasal cavity		Thrombosis, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

DOSE: 0

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Nasal cavity

Oral mucosa

Pancreas

Preputial gland

Testis

Thyroid

Bile Duct

Islets

Degeneration, Lipoid

Fibrosis

Nephropathy

Cytoplasmic Change, Basophilic

Degeneration, Cystic

Hyperplasia, Nos

Hyperplasia, Epithelial

Inflammation, Nos

Inflammation, Suppurative

Islet-Cell Adenoma

Abscess, Nos

Atrophy, Nos

Hyperplasia, Epithelial

Interstitial-Cell Tumor

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Medulla	Pheochromocytoma
Heart		Thrombosis, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Thrombosis, Nos
Oral mucosa	Mouth Nos	Squamous Cell Papilloma
Parathyroid gland		Hyperplasia, Nos
Peritoneum	Peritoneal Cavity Nos	Necrosis, Fat
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
		Neurilemoma, Malignant
Urinary bladder		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Leukocytosis, Nos
Nasal cavity		Inflammation, Suppurative
Peritoneum	Peritoneal Cavity Nos	Leiomyosarcoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Medulla

Pheochromocytoma

Kidney

Fibrosis

Liver

Nephropathy

Lung

Cytoplasmic Change, Basophilic

Nasal cavity

Hyperplasia, Alveolar Epithelium

Pancreas

Mineralization

Preputial gland

Thrombosis, Nos

Testis

Atrophy, Focal

Unspecified

Multiple Organs Nos

Inflammation, Nos

Hyperplasia, Interstitial Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Neoplastic Nodule
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Hemorrhage
Heart		Necrosis, Nos
Intestine Small	Ileum	Inflammation, Nos
Kidney		Nephropathy
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Mammary gland		Galactocele
Nasal cavity		Mineralization
Pancreas		Atrophy, Focal
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Skin		Keratoacanthoma
Spleen		Metaplasia, Osseous
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
		Inflammation, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Nos
Heart		Fibrosis
Kidney		Nephropathy
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Abscess, Nos
Prostate		Inflammation, Suppurative
Spleen		Fibrosis
Thyroid		Hyperplasia, C Cell
Unspecified	Trunk	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urethra		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
		Nuclear Enlargement
Liver	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Skin		Keratoacanthoma
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas		Atrophy, Focal
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
		Inflammation, Suppurative
Skin	Eyelid Nos	Sebaceous Adenocarcinoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Tail	Cyst, Epidermal Inclusion
	Tail	Inflammation, Chronic
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Liver

Degeneration, Cystic

Degeneration, Nos

Bile Duct

Hyperplasia, Nos

Hemorrhage

Lung

Mineralization

Nasal cavity

Anterior Pituitary

Adenoma, Nos

Pituitary gland

Inflammation, Nos

Preputial gland

Spleen

Fibrosis

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F
Test Type: Long-Term
Route: Inhalation
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrachloroethylene
CAS Number: 127-18-4

Date Report Requested: 10/26/2014
Time Report Requested: 14:20:06
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
		Thrombosis, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Degeneration, Cystic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Fibrosis
		Histiocytosis
Nasal cavity		Mineralization
		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Degeneration, Cystic
Preputial gland		Inflammation, Nos
Seminal vesicle		Dilatation, Nos
		Inflammation, Suppurative
Spleen		Fibrosis
Stomach	Glandular Stomach	Degeneration, Cystic
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
		Inflammation, Nos
		Thrombosis, Nos
Kidney		Nephropathy
Liver		Degeneration, Nos
		Necrosis, Nos
Nasal cavity		Thrombosis, Nos
Peritoneum	Peritoneal Cavity Nos	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Medulla	Pheochromocytoma
Heart		Fibrosis
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Histiocytosis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pancreas		Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Nos
Skin		Hyperkeratosis
		Squamous Cell Papilloma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Lacrimal Apparatus	Metaplasia, Squamous
Heart		Fibrosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Pancreas		Atrophy, Diffuse
	Acinus	Focal Cellular Change
Preputial gland		Inflammation, Suppurative
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
	Mandibular Lymph Node	Lymphangiectasis
Nasal cavity		Mineralization
Pancreas		Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Intestine Large		Parasitism
Kidney	Colon	Nephropathy
		Tubular-Cell Adenoma
Liver		Leukemia, Mononuclear Cell
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Inflammation, Suppurative
		Mineralization
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
		Inflammation, Nos
Skin		Hyperplasia, Basal Cell
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Degeneration, Cystic
Urinary bladder		Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Lymphoid
		Inflammation, Granulomatous Focal
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
		Mineralization
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Thyroid		Degeneration, Cystic
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Medulla

Pheochromocytoma

Kidney

Fibrosis

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Lung

Neoplastic Nodule

Nasal cavity

Hyperplasia, Alveolar Epithelium

Inflammation, Nos

Pancreas

Mineralization

Preputial gland

Atrophy, Focal

Seminal vesicle

Inflammation, Nos

Skin

Inflammation, Suppurative

Testis

Keratoacanthoma

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Nephropathy
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Thrombosis, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Degeneration, Cystic
Unspecified	Abdomen	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
		Thrombosis, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Mineralization
		Thrombosis, Nos
Pancreas		Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Hyperplasia, Epithelial
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Fibrosis
		Thrombosis, Nos
Kidney		Nephropathy
Liver		Degeneration, Lipoid
Lung		Fibrosis
		Hyperplasia, Alveolar Epithelium
		Metaplasia, Squamous
Mammary gland		Hyperplasia, Nos
Nasal cavity		Thrombosis, Nos
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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver		Degeneration, Cystic
		Degeneration, Lipoid
Nasal cavity		Mineralization
Oral mucosa		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Mineralization
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Congestion, Nos

Degeneration, Lipoid

Hemorrhage

Heart

Fibrosis

Kidney

Nephropathy

Liver

Inflammation, Suppurative

Necrosis, Nos

Lung

Inflammation, Suppurative

Necrosis, Nos

Nasal cavity

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Glandular Stomach

Inflammation, Suppurative

Testis

Ulcer, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Nos
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Angiectasis
		Clear-Cell Change
Nasal cavity		Inflammation, Nos
		Mineralization
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Nos
Prostate		Hyperplasia, Epithelial
		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: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart

Cortex Nos

Hyperplasia, Nos
Mineralization
Thrombus, Organized

Kidney

Nephropathy

Liver

Degeneration, Lipoid

Lung

Metaplasia, Osseous

Mammary gland

Hyperplasia, Nos

Seminal vesicle

Inflammation, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Thrombosis, Nos
Seminal vesicle		Inflammation, Suppurative
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Brain		Carcinoma, Nos, Invasive
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Necrosis, Nos
Lung		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Nos
Nasal cavity		Mineralization
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Preputial gland		Inflammation, Nos
Salivary gland		Inflammation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Skin		Squamous Cell Carcinoma
Spleen		Hemosiderosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Degeneration, Lipoid

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Lymph node

Mandibular Lymph Node

Hyperplasia, Nos

Nasal cavity

Inflammation, Suppurative

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Preputial gland

Inflammation, Nos

Prostate

Inflammation, Suppurative

Skin

Squamous Cell Papilloma

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Perivasculitis

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Degeneration, Lipoid

Heart

Hematopoiesis

Intestine Large

Colon

Fibrosis

Kidney

Parasitism

Larynx

Hemangioma

Liver

Nephropathy

Inflammation, Suppurative

Mammary gland

Angiectasis

Nasal cavity

Degeneration, Cystic

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Preputial gland

Mineralization

Salivary gland

Adenoma, Nos

Testis

Inflammation, Nos

Metaplasia, Squamous

Thyroid

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Trunk

Hyperplasia, C Cell

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C04580F

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetrachloroethylene

CAS Number: 127-18-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:20:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Nos
Pancreas		Atrophy, Focal
	Islets	Hyperplasia, Nos
Preputial gland		Inflammation, Nos
Spleen		Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE