

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

C Number: C02960

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
		Thrombus, Mural
Kidney		Inflammation, Chronic
		Pyelonephritis, Suppurative
Liver		Fibrosis, Cholangio
		Megalocytosis
		Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Chromophobe Adenoma
Skin		Cyst, Epidermal Inclusion
Stomach		Inflammation, Suppurative
Testis		Atrophy, Nos
		Cytomegaly
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Peritoneum

Pituitary gland

Stomach

Testis

Inflammation, Granulomatous

Chromophobe Adenoma

Ulcer, Perforated

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Liver

Lung

Prostate

Spleen

Testis

Angiectasis

Hyperplasia, Neutrophilic

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Inflammation, Suppurative

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Hemorrhage Necrosis, Nos
Heart		Fibrosis
Kidney		Pyelonephritis, Suppurative
Liver		Fibrosis, Cholangio
Pituitary gland		Chromophobe Adenoma
Spleen		Infarct, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Testis

Thyroid

Cirrhosis, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Fibrosis

Lung

Lymphocytic Inflammatory Infiltrate

Spleen

Hematopoiesis

Unspecified

Multiple Organs Nos

Fibrosarcoma

Multiple Organs Nos

Leukemoid Reaction

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Metamorphosis, Fatty
Lung		Lymphocytic Inflammatory Infiltrate
Pancreas		Acinar-Cell Adenoma
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Spleen

Testis

Acinus

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Hepatocellular Carcinoma

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Nos

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Necrosis, Focal

Heart

Fibrosis

Kidney

Cast, Nos

Liver

Inflammation, Chronic

Lung

Fibrosis, Cholangio

Thyroid

Lymphocytic Inflammatory Infiltrate

Unspecified

Multiple Organs Nos

Follicular-Cell Adenoma

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Intestine Small	Ileum, Ileum	Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lymph node	Mesenteric Lymph Node	Edema, Nos
	Mandibular Lymph Node	Erythrophagocytosis
		Hyperplasia, Lymphoid
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Stomach		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Fibrosis
Kidney	Cast, Nos
	Inflammation, Chronic
Liver	Cirrhosis, Nos
Lung	Lymphocytic Inflammatory Infiltrate
Spleen	Lymphoma, Nos-Malignant
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Hemorrhage
	Necrosis, Nos
Heart	Fibrosis
Kidney	Cast, Nos
	Inflammation, Chronic
Liver	Fibrosis, Cholangio
	Megalocytosis
Lung	Lymphocytic Inflammatory Infiltrate
Prostate	Inflammation, Suppurative
Spinal cord	Hemorrhage
	Necrosis, Nos
Testis	Interstitial-Cell Tumor
Thyroid	Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos
	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lymph node
Pituitary gland
Testis

Mandibular Lymph Node

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Congestion, Nos
Chromophobe Adenoma
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Pulmonary Artery Nos

Angiectasis

Hypertrophy, Nos

Fibrosis

Cast, Nos

Inflammation, Chronic

Periarteritis

Liver

Clear-Cell Change

Fibrosis, Cholangio

Lung

Lymphocytic Inflammatory Infiltrate

Lymph node

Mandibular Lymph Node

Cyst, Nos

Pancreas

Islets

Hyperplasia, Nos

Pituitary gland

Cyst, Nos

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney

Pulmonary Artery Nos

Hypertrophy, Nos
Fibrosis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Hemosiderosis
Interstitial-Cell Tumor

Liver
Lung
Spleen
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Prostate

Tubular-Cell Adenoma
Chromophobe Adenoma
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Lung

Lymph node

Spleen

Testis

Pulmonary Artery Nos

Mesenteric Lymph Node

Angiectasis

Hypertrophy, Nos

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Cyst, Nos

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Angiectasis
Cast, Nos
Inflammation, Chronic
Lymphocytic Inflammatory Infiltrate

Lung
Pituitary gland
Prostate
Testis

Angiectasis
Hyperplasia, Nos
Atrophy, Nos
Interstitial-Cell Tumor

Unspecified

Axilla
Multiple Organs Nos

Lipoma
Lymphoma, Histiocytic-Malignant Type
Calculus, Unknown Gross Or Micro
Transitional-Cell Carcinoma

Urinary bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Prostate

Spleen

Testis

Myocardium Nos

Mandibular Lymph Node

Mandibular Lymph Node

Mandibular Lymph Node

Angiectasis

Fibrosis

Inflammation, Chronic

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Cyst, Nos

Edema, Nos

Plasmacytosis

Hyperplasia, Nos

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Lung

Testis

Unspecified

Pulmonary Artery Nos

Angiectasis

Hypertrophy, Nos

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Alveolar/Bronchiolar Carcinoma

Lymphocytic Inflammatory Infiltrate

Interstitial-Cell Tumor

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Hyperplasia, Tubular Cell

Liver

Lipoidosis

Peritoneum

Necrosis, Nos

Thymus

Fibrosarcoma

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Lung

Pancreas

Spleen

Testis

Pulmonary Artery Nos

Islets

Angiectasis

Hypertrophy, Nos

Fibrosis

Inflammation, Chronic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Islet-Cell Adenoma

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung

Lymph node

Mammary gland

Pancreas

Pituitary gland

Spleen

Mandibular Lymph Node

Mandibular Lymph Node

Islets

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Reticulum Cell
Plasmacytosis
Dilatation, Ducts
Islet-Cell Adenoma
Chromophobe Adenoma
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Liver		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Pancreas	Islets	Islet-Cell Adenoma
Skin		Fibroma
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Pituitary gland

Unspecified

Mandibular Lymph Node

Multiple Organs Nos

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Hepatocellular Carcinoma

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Chromophobe Adenoma

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung

Lymph node

Spleen

Testis

Unspecified

Mandibular Lymph Node

Body Cavities

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Alveolar/Bronchiolar Carcinoma
Plasmacytosis
Hematopoiesis
Interstitial-Cell Tumor
Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis
Liver	Fibrosis, Cholangio
	Metamorphosis, Fatty
Lung	Lymphocytic Inflammatory Infiltrate
Prostate	Fibrosis
Testis	Atrophy, Nos
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Salivary gland

Spleen

Testis

Mesenteric Lymph Node

Mandibular Lymph Node

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Cyst, Nos

Plasmacytosis

Inflammation, Chronic

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Liver

Lung
Mammary gland
Pancreas

Pituitary gland
Spleen

Testis

Angiectasis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Metamorphosis, Fatty
Lymphocytic Inflammatory Infiltrate
Dilatation, Ducts
Atrophy, Nos
Fibrosis, Focal
Chromophobe Adenoma
Hematopoiesis
Hemosiderosis
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Lymph node
Mammary gland
Pancreas
Testis
Unspecified

Mandibular Lymph Node

Multiple Organs Nos

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cirrhosis, Nos
Lymphocytic Inflammatory Infiltrate
Hemorrhage
Dilatation, Ducts
Congestion, Nos
Interstitial-Cell Tumor
Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Lymph node
Mammary gland
Testis

Unspecified

Mandibular Lymph Node

Multiple Organs Nos

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cirrhosis, Portal
Lymphocytic Inflammatory Infiltrate
Fibrosis
Dilatation, Ducts
Atrophy, Nos
Interstitial-Cell Tumor
Fibroma
Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Mammary gland
Pituitary gland
Testis
Trachea
Unspecified

Multiple Organs Nos

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Dilatation, Ducts
Chromophobe Adenoma
Interstitial-Cell Tumor
Inflammation, Chronic
Hematoma, Nos
Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Oligodendroglioma
Heart	Fibrosis
Liver	Fibrosis, Cholangio
	Leukemoid Reaction
Lung	Lymphocytic Inflammatory Infiltrate
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Pancreas

Testis

Pulmonary Artery Nos

Mandibular Lymph Node

Angiectasis

Hypertrophy, Nos

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Fibrosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Skin	Axilla	Fibroma
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Mammary gland
Pancreas
Spleen
Testis

Islets

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Dilatation, Ducts
Islet-Cell Adenoma
Hemosiderosis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Kidney

Liver
Lung
Lymph node
Pancreas
Pituitary gland
Spleen
Testis

Mandibular Lymph Node

Tubule

Angiectasis
Inflammation, Chronic
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Periarteritis
Periarteritis
Cyst, Nos
Hematopoiesis
Interstitial-Cell Tumor
Mineralization
Cyst, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Pituitary gland

Spleen

Islets

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Inflammation, Interstitial

Lymphocytic Inflammatory Infiltrate

Islet-Cell Adenoma

Cyst, Nos

Congestion, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Testis

Unspecified

Axilla

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Chromophobe Adenoma

Interstitial-Cell Tumor

Lipoma

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Congestion, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pancreas		Atrophy, Nos
		Fibrosis, Focal
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Pancreas		Fibrosis
Pituitary gland		Cyst, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Spleen

Testis

Myocardium Nos

Mandibular Lymph Node

Angiectasis

Inflammation, Suppurative

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lymph node
Spleen
Stomach
Testis
Unspecified

Mandibular Lymph Node

Groin

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Plasmacytosis
Hematopoiesis
Ulcer, Nos
Interstitial-Cell Tumor
Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Pituitary gland

Testis

Islets

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Islet-Cell Adenoma

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Cerebrum

Abscess, Nos

Mammary gland

Cyst, Nos

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Testis

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Granuloma, Spermatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Lung

Lymph node

Peritoneum

Spleen

Stomach

Testis

Pulmonary Artery Nos

Mandibular Lymph Node

Mucosa

Angiectasis

Hypertrophy, Nos

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Inflammation, Nos

Hyperplasia, Reticulum Cell

Dilatation, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis
Kidney	Cast, Nos
	Inflammation, Chronic
Liver	Cytoplasmic Change, Basophilic
	Fibrosis, Cholangio
Lung	Lymphocytic Inflammatory Infiltrate
Pancreas	Fibrosis, Focal
Pituitary gland	Chromophobe Adenoma
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Lung
Lymph node
Pancreas

Mandibular Lymph Node

Islets

Pituitary gland
Spleen
Testis

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Atrophy, Nos
Fibrosis
Islet-Cell Adenoma
Chromophobe Adenoma
Hematopoiesis
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_102

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Inflammation, Necrotizing
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_103

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis, Focal
Kidney	Cast, Nos Inflammation, Chronic
Liver	Fibrosis, Cholangio Necrosis, Focal
Pituitary gland	Chromophobe Adenoma
Spleen	Hematopoiesis
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_104

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Mesentery Nos

Liver
Lung
Pancreas

Bronchus

Spleen
Testis

Metamorphosis, Fatty
Fibrosis, Focal
Periarteritis
Cast, Nos
Inflammation, Chronic
Clear-Cell Change
Lymphocytic Inflammatory Infiltrate
Atrophy, Nos
Fibrosis, Focal
Hematopoiesis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_105

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Testis

Bronchus

Angiectasis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_106

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood
Heart
Intestine Small
Kidney

Liver
Lung
Spleen
Testis
Urinary bladder

Mesentery Nos

Bronchus

Angiectasis
Monocytosis
Fibrosis, Focal
Periarteritis
Cast, Nos
Inflammation, Chronic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Hematopoiesis
Interstitial-Cell Tumor
Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_107

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Carcinoma, Nos, Metastatic
Heart		Fibrosis, Focal
Kidney		Abscess, Nos
		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung		Carcinoma, Nos, Metastatic
	Bronchus	Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Pancreas		Atrophy, Nos
		Fibrosis, Focal
Pituitary gland		Chromophobe Adenoma
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_108

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Megalocytosis
		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_109

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lung		Inflammation, Interstitial
	Bronchus	Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_110

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Testis

Bronchus

Cortical Carcinoma

Fibrosis, Focal

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Pancreas

Testis

Bronchus

Mandibular Lymph Node

Islets

Angiectasis

Fibrosis, Focal

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Cyst, Nos

Islet-Cell Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Osteosarcoma
Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_114

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney

Cortex Nos

Mesentery Nos

Liver
Pancreas

Skin
Stomach
Testis

Unspecified

Multiple Organs Nos

Metamorphosis, Fatty
Fibrosis, Focal
Periarteritis
Cast, Nos
Inflammation, Chronic
Degeneration, Hydropic
Atrophy, Nos
Fibrosis, Focal
Trichoepithelioma
Ulcer, Nos
Interstitial-Cell Tumor
Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_115

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Spleen

Testis

Thymus

Centrilobular

Bronchus

Angiectasis

Cast, Nos

Inflammation, Chronic

Degeneration, Hydropic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

Interstitial-Cell Tumor

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_116

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_117

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Granulocytic

Kidney

Cast, Nos

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Hepatocellular Carcinoma

Megalocytosis

Thymus

Congestion, Nos

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_118

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Kidney

Liver

Lung

Pituitary gland

Prostate

Spleen

Testis

Bronchus

Angiectasis

Metamorphosis, Fatty

Hydrocephalus, Internal

Fibrosis, Focal

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Chromophobe Carcinoma

Inflammation, Suppurative

Hematopoiesis

Aspermatogenesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_119

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Seminal vesicle

Testis

Thyroid

Unspecified

Bronchus

Multiple Organs Nos

Angiectasis

Fibrosis, Focal

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Necrosis, Focal

Alveolar/Bronchiolar Carcinoma

Lymphocytic Inflammatory Infiltrate

Chromophobe Adenoma

Fibrosis, Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_120

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis, Focal
Kidney	Cast, Nos Inflammation, Chronic
Liver	Cytoplasmic Change, Basophilic Fibrosis, Cholangio Necrosis, Focal
Lung	Lymphocytic Inflammatory Infiltrate
Pancreas	Atrophy, Nos Fibrosis, Focal
Prostate	Inflammation, Suppurative
Spleen	Hematopoiesis
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

DOSE: 1500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Mammary gland

Spleen

Testis

Angiectasis

Fibrosis, Focal

Inflammation, Chronic

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Megalocytosis
		Necrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Liver

Testis

Fibrosis

Fibrosis, Cholangio

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_124

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Spleen

Testis

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Chromophobe Adenoma

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_125

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_126

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis
Kidney	Cast, Nos
	Inflammation, Chronic
Liver	Cytoplasmic Change, Basophilic
	Fibrosis, Cholangio
	Metamorphosis, Fatty
Lung	Alveolar/Bronchiolar Adenoma
	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Chromophobe Adenoma
Spleen	Hematopoiesis
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_127

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Tubule

Fibrosis

Hemosiderosis

Fibrosis, Cholangio

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_128

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Skin

Spleen

Testis

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Cyst, Epidermal Inclusion

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_129

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Mesentery Nos

Liver

Lung

Mammary gland

Spleen

Angiectasis

Fibrosis

Periarteritis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Alveolar/Bronchiolar Adenoma

Inflammation, Granulomatous Focal

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_130

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Liver

Lung

Skin

Spleen

Testis

Thyroid

Pheochromocytoma

Hyperplasia, Neutrophilic

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Basal-Cell Tumor

Myelopoiesis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_132

TRT#: 2

DOSE: 1500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Testis

Thyroid

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Atrophy, Nos

Interstitial-Cell Tumor

Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Pheochromocytoma

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_134

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Nos
Heart		Fibrosis
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Cast, Nos
		Inflammation, Chronic
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Carcinoma
Seminal vesicle		Inflammation, Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Stomach		Inflammation, Acute Suppurative
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_135

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Seminal vesicle		Inflammation, Acute Suppurative
Spleen		Hematopoiesis
		Hemosiderosis
Testis		Interstitial-Cell Tumor
Unspecified	Abdomen	Fibrosis
	Abdomen	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_136

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Testis

Thyroid

Angiectasis

Fibrosis, Focal

Cast, Nos

Inflammation, Chronic

Clear-Cell Change

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_137

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Stomach

Inflammation, Necrotizing

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:22

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_138

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Pancreas

Spleen

Testis

Mandibular Lymph Node

Islets

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Leukemoid Reaction

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Lymphoid

Islet-Cell Adenoma

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_139

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Skin

Spleen

Testis

Unspecified

Acinus

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Atrophy, Nos

Fibrosis, Focal

Trichoepithelioma

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_140

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis
Kidney	Cast, Nos
	Inflammation, Chronic
Liver	Fibrosis, Cholangio
	Metamorphosis, Fatty
Lung	Lymphocytic Inflammatory Infiltrate
Pancreas	Acinar-Cell Adenoma
Pituitary gland	Chromophobe Carcinoma
Spleen	Hematopoiesis
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Stomach

Testis

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

Granuloma, Foreign Body

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood	Monocytosis
Heart	Fibrosis
Kidney	Cast, Nos
	Inflammation, Chronic
Liver	Fibrosis, Cholangio
Lung	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Chromophobe Adenoma
Spleen	Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_143

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Blood		Hyperplasia, Neutrophilic
Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
		Inflammation, Pyogranulomatous
Liver		Fibrosis, Cholangio
		Hepatocellular Carcinoma
		Leukemoid Reaction
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Edema, Nos
Pituitary gland		Chromophobe Carcinoma
Preputial gland		Adenoma, Nos
Spleen		Hematopoiesis
Stomach		Squamous Cell Carcinoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_144

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Blood

Leukopenia, Nos

Heart

Fibrosis

Kidney

Cast, Nos

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lung

Lymphocytic Inflammatory Infiltrate

Mammary gland

Dilatation, Ducts

Pituitary gland

Chromophobe Adenoma

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_145

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Spleen

Testis

Acinus

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Alveolar/Bronchiolar Adenoma

Fibrosis, Focal

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_146

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Intestine Small	Mesentery Nos	Necrosis, Fat
	Mesentery Nos	Steatitis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Megalocytosis
		Metamorphosis, Fatty
Preputial gland		Cyst, Nos
Testis		Cytomegaly
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_147

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_148

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Fibrosis, Diffuse

Heart

Necrosis, Fat

Kidney

Fibrosis

Liver

Tubule

Metamorphosis, Fatty

Lung

Fibrosis, Cholangio

Pancreas

Lymphocytic Inflammatory Infiltrate

Pituitary gland

Acinus

Atrophy, Nos

Spleen

Fibrosis, Focal

Testis

Chromophobe Adenoma

Thyroid

Hematopoiesis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_149

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
		Thrombus, Mural
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Megalocytosis
		Necrosis, Focal
Lymph node		Inflammation, Necrotizing
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_150

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Metamorphosis, Fatty
Lung		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_201

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Degeneration, Hyaline

Lung

Pleura Nos

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_202

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mandibular Lymph Node

Hyperplasia, Diffuse

Pancreas

Mandibular Lymph Node

Plasmacytosis

Testis

Islets

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_203

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Testis

Liposarcoma
Chromophobe Adenoma
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_204

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Testis

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_205

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nodular

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_206

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Cast, Nos

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Chronic Focal

Spleen

Hematopoiesis

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_207

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Spleen

Thyroid

Unspecified

Multiple Organs Nos

Angiectasis

Fibrosis, Focal

Cast, Nos

Inflammation, Chronic Focal

Metamorphosis, Fatty

Angiectasis

Hematopoiesis

C-Cell Adenoma

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_208

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Abscess, Nos Cast, Nos Inflammation, Chronic Focal
Liver		Amyloidosis Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node		Hyperplasia, Diffuse
Pancreas	Mandibular Lymph Node	Plasmacytosis Atrophy, Nos Fibrosis, Focal
Pituitary gland		Angiectasis Chromophobe Adenoma
Spleen		Hematopoiesis Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_209

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Heart

Metamorphosis, Fatty

Kidney

Fibrosis, Focal

Cast, Nos

Tubule

Inflammation, Chronic Focal

Pigmentation, Nos

Liver

Lymphocytic Inflammatory Infiltrate

Lung

Bronchus

Lymphocytic Inflammatory Infiltrate

Lymph node

Mandibular Lymph Node

Hyperplasia, Diffuse

Pancreas

Mandibular Lymph Node

Plasmacytosis

Pituitary gland

Periarteritis

Prostate

Chromophobe Adenoma

Spleen

Hyperplasia, Nodular

Testis

Hematopoiesis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_210

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic Diffuse
Liver		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Pigmentation, Nos
	Mandibular Lymph Node	Plasmacytosis
Pituitary gland		Chromophobe Adenoma
Spleen		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_211

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Cast, Nos Inflammation, Chronic Focal
	Tubule	Pigmentation, Nos Cirrhosis, Nos Fibrosis, Cholangio
Liver		Lymphocytic Inflammatory Infiltrate
	Bronchus	Pigmentation, Nos
Lung	Mediastinal Lymph Node	Cyst, Nos
Lymph node		Trichoepithelioma
Pituitary gland		Congestion, Nos
Skin		Hematopoiesis
Spleen		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_212

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Peritoneum

Stomach

Testis

Hepatocytes

Bronchus

Lymphocytic Inflammatory Infiltrate

Fibrosis, Focal

Inflammation, Suppurative

Cast, Nos

Cirrhosis, Nos

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Megalocytosis

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Inflammation, Suppurative

Ulcer, Focal

Granuloma, Spermatic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_213

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Lymph node
Pituitary gland

Bronchus
Mandibular Lymph Node

Spleen
Testis

Angiectasis
Fibrosis, Focal
Cast, Nos
Inflammation, Chronic Focal
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Chromophobe Adenoma
Cyst, Nos
Hematopoiesis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_214

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Testis

Atrium

Bronchus

Pheochromocytoma

Fibrosis, Focal

Thrombosis, Nos

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_215

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Cast, Nos Inflammation, Chronic Focal
Liver		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Hyaline Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_216

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic Focal
Liver		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_217

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Lymph node
Pituitary gland
Prostate
Spleen
Testis

Bronchus
Mandibular Lymph Node

Angiectasis
Fibrosis, Focal
Cast, Nos
Inflammation, Chronic Focal
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Chromophobe Adenoma
Inflammation, Suppurative
Hematopoiesis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_218

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Cholangio
		Hepatocellular Carcinoma
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Edema, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_219

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02960

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroethyltrimethylammonium chloride
CAS Number: 999-81-5

Date Report Requested: 10/26/2014

Time Report Requested: 15:43:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_220

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood		Leukopenia, Nos
Eye		Cataract
Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic Focal
	Capsule	Sarcoma, Nos, Metastatic
Liver		Fibrosis, Cholangio
Lung	Pleura Nos	Carcinoma, Nos
Skeletal muscle		Inflammation, Focal
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE