

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: 14:38:23

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: Female

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Fibrosis

Intestine Large

Cecum, Colon

Adenomatous Polyp, Nos

Kidney

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Lung

Lymphocytic Inflammatory Infiltrate

Mammary gland

Dilatation, Ducts

Ovary

Corpus Luteum

Pancreas

Atrophy, Nos

Pituitary gland

Fibrosis

Chromophobe Adenoma

Spleen

Cyst, Nos

Thyroid

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Ovary

Pituitary gland

Spleen

Uterus

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Corpus Luteum

Chromophobe Adenoma

Cyst, Nos

Hematopoiesis

Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Thyroid

Unspecified

Mandibular Lymph Node

Back

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Cyst, Nos

Hyperplasia, C Cell

Hemangiosarcoma

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Liver

Lung

Lymph node

Pancreas

Pituitary gland

Spleen

Thyroid

Uterus

Pulmonary Artery Nos

Mandibular Lymph Node

Angiectasis

Hypertrophy, Nos

Fibrosis

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Atrophy, Nos

Fibrosis

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

Hyperplasia, C Cell

Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Corpus Luteum
Spleen		Hematopoiesis
		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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Pituitary gland

Spleen

Thyroid

Trachea

Angiectasis

Fibrosis

Cytoplasmic Change, Basophilic

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Cyst, Nos

Hematopoiesis

Hemosiderosis

Hyperplasia, C Cell

Inflammation, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Ovary

Pituitary gland

Spleen

Angiectasis

Fibrosis

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Corpus Luteum

Cyst, Nos

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Salivary gland		Inflammation, Nos
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

DOSE: 3000 PPM

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Kidney

Lung

Mammary gland

Ovary

Pituitary gland

Spleen

Trachea

Uterus

Necrosis, Cortical

Chromophobe Carcinoma, Metastatic

Cast, Nos

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Cyst, Nos

Chromophobe Carcinoma

Hematopoiesis

Hemosiderosis

Inflammation, Nos

Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood		Hyperplasia, Neutrophilic
Heart		Fibrosis
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Pituitary gland		Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Uterus	Endometrium	Cyst, Nos
		Pyometra

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Ovary

Pituitary gland

Spleen

Trachea

Uterus

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Corpus Luteum

Cyst, Nos

Hematopoiesis

Hemosiderosis

Inflammation, Nos

Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Liver
Lung
Ovary
Pituitary gland
Spleen

Angiectasis
Fibrosis
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate
Corpus Luteum
Cyst, Nos
Hematopoiesis
Hemosiderosis
Inflammation, Nos
Fibroma

Trachea

Unspecified

Groin

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Fibrosis
Kidney	Pyelonephritis, Nos
Lung	Lymphocytic Inflammatory Infiltrate
Mammary gland	Dilatation, Ducts
Ovary	Corpus Luteum
Pituitary gland	Cyst, Nos
Spleen	Hematopoiesis
	Hemosiderosis
Thyroid	Carcinoma, Nos
Urinary bladder	Transitional-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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Mammary gland

Ovary

Pituitary gland

Spleen

Thyroid

Angiectasis

Cast, Nos

Inflammation, Chronic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Ovary

Spleen

Thyroid

Uterus

Endometrium

Angiectasis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Corpus Luteum

Cyst, Nos

Hematopoiesis

Hemosiderosis

Inflammation, Nos

Cyst, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Salivary gland

Spleen

Stomach

Unspecified

Mandibular Lymph Node

Mandibular Lymph Node

Groin

Angiectasis

Fibrosis

Lymphocytic Inflammatory Infiltrate

Cyst, Nos

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Inflammation, Nos

Hematopoiesis

Hemosiderosis

Ulcer, Nos

Hyperplasia, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Lung
Ovary
Pituitary gland
Spleen

Angiectasis
Fibrosis
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate
Corpus Luteum
Chromophobe Adenoma
Hematopoiesis
Hemosiderosis
Hyperplasia, Reticulum 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
Ovary		Corpus Luteum
Pituitary gland		Adenoma, Nos
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Lymph node
Ovary
Pituitary gland
Spleen

Mandibular Lymph Node

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate
Hemosiderosis
Corpus Luteum
Chromophobe Adenoma
Hematopoiesis
Hemosiderosis
Hyperplasia, Reticulum 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Lymph node

Mammary gland
Pituitary gland
Spleen

Thyroid

Mandibular Lymph Node
Mandibular Lymph Node

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate
Cyst, Nos
Plasmacytosis
Dilatation, Ducts
Chromophobe Adenoma
Hematopoiesis
Hemosiderosis
Hyperplasia, Reticulum Cell
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Unspecified

Mediastinal Lymph Node

Mandibular Lymph Node

Multiple Organs Nos

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Plasmacytosis

Adenoma, Nos

Dilatation, Ducts

Corpus Luteum

Cyst, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Ovary

Corpus Luteum

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Unspecified	Ear	Fibrosarcoma
	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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Ovary

Spleen

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Hepatocellular Carcinoma

Lymphocytic Inflammatory Infiltrate

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Heart

Fibrosis

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Metamorphosis, Fatty

Lung

Lymphocytic Inflammatory Infiltrate

Ovary

Corpus Luteum

Pituitary gland

Cyst, Nos

Spleen

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Ovary

Pituitary gland

Spleen

Angiectasis

Fibrosis

Cast, Nos

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Fibroadenoma

Corpus Luteum

Cyst, Nos

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Mammary gland

Ovary

Spleen

Angiectasis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Intestine Small	Ileum	Inflammation, Acute/Chronic
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Corpus Luteum
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Pelvis	Necrosis, Fat
Uterus		Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Female

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
Ovary		Corpus Luteum
Pituitary gland		Cyst, Nos
Spleen		Hematopoiesis
Thymus		Carcinoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Corpus Luteum
		Cyst, Nos
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Liver

Metamorphosis, Fatty

Fibrosis, Cholangio

Megalocytosis

Metamorphosis, Fatty

Lung

Lymphocytic Inflammatory Infiltrate

Lymph node

Mandibular Lymph Node

Plasmacytosis

Ovary

Corpus Luteum

Pituitary gland

Hemorrhage

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

DOSE: 3000 PPM

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Lung	Lymphocytic Inflammatory Infiltrate
Ovary	Cyst, Corpus Luteum
Spleen	Hematopoiesis
	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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Ovary
Pituitary gland
Skin
Unspecified

Cortex Nos

Colon

Multiple Organs Nos

Hyperplasia, Nos

Fibrosis

Nematodiasis

Corpus Luteum

Cyst, Nos

Cyst, Epidermal Inclusion

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Kidney

Liver

Lung

Mammary gland

Ovary

Pituitary gland

Spleen

Uterus

Angiectasis

Leukocytosis, Nos

Cast, Nos

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

Leiomyosarcoma

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Mammary gland

Ovary

Unspecified

Mandibular Lymph Node

Multiple Organs Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Pigmentation, Nos

Dilatation, Ducts

Corpus Luteum

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Cortex Nos

Metamorphosis, Fatty

Kidney

Fibrosis

Liver

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lung

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymph node

Mediastinal Lymph Node

Lymphocytic Inflammatory Infiltrate

Ovary

Pigmentation, Nos

Spleen

Corpus Luteum

Hematopoiesis

Thyroid

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver

Cortex Nos

Congestion, Nos
Fibrosis
Pigmentation, Nos
Fibrosis, Cholangio
Megalocytosis

Lung
Lymph node
Mammary gland
Ovary
Thyroid
Unspecified

Mandibular Lymph Node

Hemorrhage
Plasmacytosis
Angiectasis
Corpus Luteum
Hyperplasia, C Cell
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Spleen

Mandibular Lymph Node

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Congestion, Nos

Dilatation, Ducts

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
		Cyst, Nos
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Female

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
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Necrosis, Fat

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Ovary

Spleen

Mediastinal Lymph Node

Mandibular Lymph Node

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Plasmacytosis

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Kidney

Liver

Lung

Lymph node

Ovary

Pancreas

Salivary gland

Skin

Spleen

Thyroid

Mediastinal Lymph Node

Mandibular Lymph Node

Angiectasis

Hyperplasia, Neutrophilic

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Plasmacytosis

Corpus Luteum

Fibrosis, Diffuse

Cystic Ducts

Keratoacanthoma

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

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
Lymph node	Mediastinal Lymph Node	Pigmentation, Nos
	Mandibular Lymph Node	Plasmacytosis
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Pituitary gland

Spleen

Mandibular Lymph Node

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Chromophobe Adenoma

Cyst, Nos

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Cast, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Fibroadenoma
Ovary		Corpus Luteum
Pituitary gland		Chromophobe 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Spleen

Mandibular Lymph Node

Angiectasis

Fibrosis

Cast, Nos

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Megalocytosis

Ovary

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Corpus Luteum

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung
Lymph node
Mammary gland
Ovary
Pancreas
Pituitary gland
Spleen

Mandibular Lymph Node

Thyroid

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Dilatation, Ducts
Corpus Luteum
Fibrosis
Chromophobe Adenoma
Hematopoiesis
Hemosiderosis
Adenoma, Nos
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Spleen

Thyroid

Mandibular Lymph Node

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Lymph node

Mammary gland

Ovary

Spleen

Mandibular Lymph Node

Angiectasis

Cortical Adenoma

Cytoplasmic Change, Basophilic

Alveolar/Bronchiolar Adenoma

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_151

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Hyperplasia, Nodular

Liver

Metamorphosis, Fatty

Lung

Cytoplasmic Change, Basophilic

Mammary gland

Granuloma, Nos

Ovary

Lymphocytic Inflammatory Infiltrate

Pancreas

Dilatation, Ducts

Pituitary gland

Corpus Luteum

Spleen

Fibrosis

Chromophobe Carcinoma

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_152

TRT#: 2

DOSE: 1500 PPM

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Ovary

Spleen

Thyroid

Angiectasis

Fibrosis

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Corpus Luteum

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Fibrosis
Liver		Fibrosis, Cholangio
		Megalocytosis
		Metamorphosis, Fatty
Ovary		Corpus Luteum
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_154

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Fibrosis
Kidney	Metamorphosis, Fatty Cast, Nos Inflammation, Chronic
Liver	Cytoplasmic Change, Basophilic
Lung	Lymphocytic Inflammatory Infiltrate
Lymph node	Pigmentation, Nos
Mammary gland	Dilatation, Ducts
Ovary	Corpus Luteum
Pituitary gland	Chromophobe Adenoma
Spleen	Hematopoiesis Hemosiderosis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_155

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Pituitary gland

Spleen

Mandibular Lymph Node

Mammary Duct

Angiectasis

Fibrosis

Cast, Nos

Clear-Cell Change

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Congestion, Nos

Retention Of Content

Chromophobe Adenoma

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_156

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Liver
Lung
Lymph node
Mammary gland

Cortex Nos

Hyperplasia, Nodular
Fibrosis
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate

Congestion, Nos

Dilatation, Ducts

Fibroadenoma

Corpus Luteum

Periarteritis

Hematopoiesis

Hemosiderosis

Ovary
Pancreas
Spleen

Mediastinum Nos

Periarteritis

Leiomyoma

Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_157

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Spleen

Mediastinal Lymph Node

Mesenteric Lymph Node

Metamorphosis, Fatty

Hyperplasia, Neutrophilic

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Pigmentation, Nos

Dilatation, Ducts

Fibroadenoma

Corpus Luteum

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_158

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood
Heart
Kidney
Liver
Lung
Lymph node

Ovary
Pituitary gland
Spleen

Mandibular Lymph Node
Mesenteric Lymph Node

Angiectasis
Lymphocytosis
Fibrosis
Cast, Nos
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Lymphoid
Hyperplasia, Lymphoid
Corpus Luteum
Chromophobe Adenoma
Hematopoiesis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_159

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood		Hyperplasia, Neutrophilic
Heart		Fibrosis
Kidney		Cast, Nos
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Ovary		Corpus Luteum
Skin	Head	Squamous Cell Carcinoma
Spleen		Hematopoiesis
		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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_160

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pancreas		Atrophy, Nos
		Fibrosis, Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_161

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
		Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Uterus		Adenocarcinoma, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Lymph node

Ovary

Pituitary gland

Salivary gland

Spleen

Mediastinal Lymph Node

Angiectasis

Fibrosis

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Lymphoid

Pigmentation, Nos

Corpus Luteum

Cyst, Hemorrhagic

Fibrosis, Focal

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_163

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Mineralization

Liver

Fibrosis

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lung

Granuloma, Nos

Ovary

Lymphocytic Inflammatory Infiltrate

Spleen

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_164

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood		Erythroblastosis
Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mediastinal Lymph Node	Pigmentation, Nos
	Mesenteric Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pituitary gland		Cyst, Nos
Skin		Trichoepithelioma
Spleen		Hematopoiesis
		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Cyst, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_165

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Lymph node

Ovary

Pituitary gland

Spleen

Thyroid

Mediastinal Lymph Node

Mesenteric Lymph Node

Angiectasis

Fibrosis

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Pigmentation, Nos

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_166

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos

Metamorphosis, Fatty
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Fibrosis, Cholangio
Corpus Luteum
Chromophobe Adenoma
Inflammation, Chronic Suppurative
Hematopoiesis
Hemosiderosis
Hyperplasia, Reticulum Cell

Ovary
Pituitary gland
Skin
Spleen

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_167

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Heart

Cortex Nos

Fibrosis

Kidney

Hyperplasia, Nos

Liver

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lung

Fibrosis, Cholangio

Metamorphosis, Fatty

Lymph node

Mediastinal Lymph Node

Lymphocytic Inflammatory Infiltrate

Mammary gland

Pigmentation, Nos

Ovary

Dilatation, Ducts

Pituitary gland

Corpus Luteum

Spleen

Chromophobe Adenoma

Congestion, Nos

Hematopoiesis

Hemosiderosis

Unspecified

Adipose Tissue

Necrosis, Fat

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_168

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood
Heart
Kidney
Liver
Lung
Lymph node
Mammary gland
Ovary
Spleen

Mediastinal Lymph Node

Angiectasis
Leukopenia, Nos
Fibrosis
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate
Pigmentation, Nos
Dilatation, Ducts
Corpus Luteum
Hematopoiesis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_169

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_170

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung
Lymph node

Mammary gland
Ovary

Pituitary gland
Skin
Spleen

Mediastinal Lymph Node

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Pigmentation, Nos
Dilatation, Ducts
Corpus Luteum
Chromophobe Adenoma
Papilloma, Nos
Hematopoiesis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_171

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Lymph node

Mammary gland

Ovary

Spleen

Uterus

Mediastinal Lymph Node

Mesenteric Lymph Node

Angiectasis

Fibrosis

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Inflammation, Interstitial

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Pigmentation, Nos

Dilatation, Ducts

Corpus Luteum

Hematopoiesis

Hemosiderosis

Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Megalocytosis
Lung		Inflammation, Interstitial
Ovary		Corpus Luteum
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_173

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
	Atrium	Thrombosis, Nos
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pancreas		Atrophy, Nos
		Fibrosis
Spleen		Hematopoiesis
		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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_174

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Pituitary gland

Thymus

Hydrocephalus, Nos

Carcinoma, Nos

Hyperplasia, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_175

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Internal
Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Edema, Nos
	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Ovary	Follicle	Atresia
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_176

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Mammary gland

Ovary

Spleen

Thyroid

Unspecified

Multiple Organs Nos

Angiectasis

Fibrosis

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Fibroadenoma

Corpus Luteum

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_177

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver
Lung
Lymph node
Mammary gland
Ovary
Spleen

Mediastinal Lymph Node

Thyroid

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate
Pigmentation, Nos
Fibroadenoma
Corpus Luteum
Hematopoiesis
Hemosiderosis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_178

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung

Lymph node

Mesenteric Lymph Node
Mandibular Lymph Node

Mammary gland

Ovary

Pancreas

Spleen

Uterus

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Fibrosis, Cholangio
Cholesterol Deposit
Inflammation, Granulomatous Focal
Lymphocytic Inflammatory Infiltrate
Edema, Nos
Plasmacytosis
Dilatation, Ducts
Corpus Luteum
Atrophy, Nos
Fibrosis
Hematopoiesis
Hemosiderosis
Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_179

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Chromophobe Carcinoma, Invasive
	Ventricle	Hemorrhage
Heart		Fibrosis
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung		Lymphocytic Inflammatory Infiltrate
Pituitary gland		Chromophobe Carcinoma
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_180

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pancreas

Spleen

Mandibular Lymph Node

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Fibroadenoma

Corpus Luteum

Atrophy, Nos

Fibrosis

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
		Inflammation, Granulomatous Focal
		Megalocytosis
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Spleen		Hemosiderosis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Liver

Lung

Mammary gland

Ovary

Spleen

Angiectasis

Leukemia, Lymphocytic

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Dilatation, Ducts

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Ovary

Pituitary gland

Spleen

Mediastinal Lymph Node

Mandibular Lymph Node

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Plasmacytosis

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_184

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Spleen

Thyroid

Uterus

Mandibular Lymph Node

Cervix Uteri

Angiectasis

Fibrosis

Cast, Nos

Inflammation, Chronic

Clear-Cell Change

Congestion, Nos

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Hemosiderosis

Hyperplasia, C Cell

Fibrosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_185

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Ovary

Spleen

Mediastinal Lymph Node

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Corpus Luteum

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_186

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_187

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung
Lymph node

Ovary
Pancreas
Pituitary gland
Spleen

Mediastinal Lymph Node
Mandibular Lymph Node

Angiectasis
Fibrosis
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Pigmentation, Nos
Plasmacytosis
Corpus Luteum
Fibrosis
Chromophobe Adenoma
Hematopoiesis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_188

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Liver

Lung
Lymph node
Mammary gland
Ovary
Pituitary gland
Spleen

Mandibular Lymph Node

Angiectasis
Fibrosis
Clear-Cell Change
Cytoplasmic Change, Basophilic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Dilatation, Ducts
Corpus Luteum
Chromophobe Adenoma
Hematopoiesis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_189

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Unspecified

Urinary bladder

Multiple Organs Nos

Dilatation, Ducts

Lymphoma, Histiocytic-Malignant Type

Hemorrhage

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_190

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Pelvis

Liver

Lung

Lymph node

Mandibular Lymph Node

Ovary

Pituitary gland

Spleen

Stomach

Angiectasis

Fibrosis

Calculus, Unknown Gross Or Micro

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Alveolar/Bronchiolar Adenoma

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Nos

Corpus Luteum

Chromophobe Adenoma

Cyst, Nos

Hematopoiesis

Hemosiderosis

Cyst, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pancreas

Pituitary gland

Spleen

Mandibular Lymph Node

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Fibrosis

Chromophobe Adenoma

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Liver

Lung

Lymph node

Mediastinal Lymph Node

Mammary gland

Ovary

Pituitary gland

Spleen

Angiectasis

Leukemia, Nos

Fibrosis

Cast, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_193

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney		Hemosiderosis
		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Megalocytosis
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Ovary	Follicle	Atresia
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_194

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood
Kidney

Liver

Lung
Lymph node
Mammary gland
Ovary
Pituitary gland
Spleen

Mandibular Lymph Node

Angiectasis
Leukemia, Nos
Cast, Nos
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Fibrosis, Cholangio
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Dilatation, Ducts
Corpus Luteum
Cyst, Nos
Hematopoiesis
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_195

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Heart

Hyperplasia, Nodular

Liver

Fibrosis

Lung

Cytoplasmic Change, Basophilic

Lymph node

Lymphocytic Inflammatory Infiltrate

Mediastinal Lymph Node

Pigmentation, Nos

Mandibular Lymph Node

Plasmacytosis

Mammary gland

Dilatation, Ducts

Ovary

Corpus Luteum

Pituitary gland

Chromophobe Adenoma

Spleen

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_196

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Nodular
Heart		Fibrosis
Kidney		Cast, Nos
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Focal
		Megalocytosis
Lung		Alveolar/Bronchiolar Adenoma
		Lymphocytic Inflammatory Infiltrate
Lymph node	Mediastinal Lymph Node	Pigmentation, Nos
	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Spleen		Hematopoiesis
		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Uterus		Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_197

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Heart

Metamorphosis, Fatty

Kidney

Fibrosis

Liver

Cast, Nos

Inflammation, Chronic

Lung

Cytoplasmic Change, Basophilic

Lymph node

Mandibular Lymph Node

Fibrosis, Cholangio

Mammary gland

Lymphocytic Inflammatory Infiltrate

Ovary

Plasmacytosis

Dilatation, Ducts

Pituitary gland

Corpus Luteum

Spleen

Cyst, Nos

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_198

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mediastinal Lymph Node

Mandibular Lymph Node

Mammary gland

Ovary

Pituitary gland

Spleen

Thyroid

Angiectasis

Fibrosis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Pigmentation, Nos

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Chromophobe Adenoma

Hematopoiesis

Hemosiderosis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_199

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Fibrosis
Liver		Megalocytosis
		Metamorphosis, Fatty
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mediastinal Lymph Node	Congestion, Nos
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_200

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Pituitary gland

Thyroid

Chromophobe Adenoma

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_221

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood		Cytomegaly
		Cytoplasmic Vacuolization
Kidney		Cast, Nos
		Inflammation, Chronic Focal
Liver		Metamorphosis, Fatty
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pituitary gland		Angiectasis
Spleen		Hemosiderosis
Stomach		Inflammation, Acute Suppurative

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_222

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Fibrosis

Kidney

Mesentery Nos

Necrosis, Fat

Liver

Bile Duct

Inflammation, Chronic Focal

Lung

Bile Duct

Hyperplasia, Nos

Lymph node

Bronchus

Inflammation, Chronic

Ovary

Mediastinal Lymph Node

Lymphocytic Inflammatory Infiltrate

Spleen

Congestion, Nos

Unspecified

Multiple Organs Nos

Corpus Luteum

Infarct, Nos

Leukemia, Nos

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_223

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood		Hyperplasia, Neutrophilic
Liver	Centrilobular	Metamorphosis, Fatty
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Ovary		Corpus Luteum
Pancreas		Atrophy, Nos
		Fibrosis, Focal
Spleen		Hematopoiesis
Uterus		Leiomyosarcoma

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_224

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Mammary gland

Bronchus

Spleen

Angiectasis

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Fibroadenoma

Fibroma

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_225

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_226

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Carcinoma
Spleen		Hematopoiesis
		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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_227

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Blood

Heart

Kidney

Liver

Lung

Lymph node

Ovary

Spleen

Thyroid

Trachea

Bronchus

Mandibular Lymph Node

Angiectasis

Leukocytosis, Neutrophilic

Fibrosis, Focal

Cast, Nos

Inflammation, Chronic Focal

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Adenocarcinoma, Nos, Metastatic

Lymphocytic Inflammatory Infiltrate

Adenocarcinoma, Nos, Metastatic

Corpus Luteum

Cyst, Nos

Hematopoiesis

C-Cell Carcinoma

Adenocarcinoma, 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_228

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Congestion, Nos
Mammary gland		Cyst, Nos
		Fibroadenoma
Ovary		Corpus Luteum
Pituitary gland		Angiectasis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_229

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Ovary

Pituitary gland

Spleen

Bronchus

Mandibular Lymph Node

Angiectasis

Fibrosis, Focal

Inflammation, Chronic Focal

Cytoplasmic Change, Basophilic

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Corpus Luteum

Cyst, Nos

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_230

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_231

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Angiectasis
Fibrosis, Focal
Cast, Nos
Inflammation, Chronic Focal
Nephrosis, Hydro
Hyperplasia, Nodular
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Fibroadenoma
Corpus Luteum
Chromophobe Adenoma
Hematopoiesis
Lymphoma, Nos-Malignant

Liver
Lung
Lymph node
Mammary gland
Ovary
Pituitary gland
Spleen

Bronchus
Mandibular Lymph Node

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_232

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Ovary		Corpus Luteum
Pancreas		Atrophy, Nos
		Fibrosis, Focal
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Uterus		Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_233

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal Hemosiderosis
Kidney		Cast, Nos Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis 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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_234

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Spleen

Bronchus

Mandibular Lymph Node

Angiectasis

Fibrosis, Focal

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Dilatation, Ducts

Corpus Luteum

Cyst, Hemorrhagic

Hematopoiesis

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_236

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Ovary

Spleen

Uterus

Bronchus

Mandibular Lymph Node

Angiectasis

Fibrosis, Focal

Inflammation, Chronic Focal

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Lymphocytic Inflammatory Infiltrate

Plasmacytosis

Corpus Luteum

Hematopoiesis

Polyp, Inflammatory

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_237

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung
Lymph node
Mammary gland
Ovary
Pituitary gland
Spleen

Bronchus
Mandibular Lymph Node

Angiectasis
Fibrosis, Focal
Cast, Nos
Inflammation, Chronic Focal
Cytoplasmic Change, Basophilic
Nodule
Lymphocytic Inflammatory Infiltrate
Plasmacytosis
Dilatation, Ducts
Corpus Luteum
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_238

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Basophilic
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Ovary		Corpus Luteum
Pituitary gland		Cyst, Nos
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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_239

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Blood		Leukocytosis, Neutrophilic
Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Suppurative
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Cystadenoma, Nos
		Dilatation, Ducts
Ovary		Corpus Luteum
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Cyst, Multilocular

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: 14:38:23

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_240

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Fibrosis, Focal
Kidney		Cast, Nos
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Fibrosis, Cholangio
Lung	Bronchus	Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Corpus Luteum
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****