

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

C Number: C03021

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Alveolar/Bronchiolar Adenoma

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Lung
Stomach
Testis

Colon

Parasitism
Nephrosis, Nos
Hepatocellular Carcinoma
Bronchiectasis
Squamous Cell Papilloma
Atrophy, Focal
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Larynx
Testis

Colon

Pheochromocytoma
Degeneration, Nos
Parasitism
Nephrosis, Nos
Inflammation, Chronic
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Fibrosis, Cholangio

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Pneumonia, Chronic Murine

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pancreas

Testis

Islets

Unspecified

Multiple Organs Nos

Nephrosis, Nos

Islet-Cell Adenoma

Atrophy, Focal

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Intestine Large

Kidney

Lung

Mammary gland

Testis

Colon

Degeneration, Nos

Parasitism

Nephrosis, Nos

Bronchiectasis

Lactation

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

Heart

Degeneration, Nos

Kidney

Nephrosis, Nos

Larynx

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Larynx		Inflammation, Chronic
Liver		Hepatocellular Carcinoma
Mammary gland		Lactation
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Testis

Unspecified

Multiple Organs Nos

Cortical Adenoma

Degeneration, Nos

Lipoma

Nephrosis, Nos

Hepatocellular Carcinoma

Pneumonia, Chronic Murine

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Nos

Kidney

Nephrosis, Nos

Liver

Neoplastic Nodule

Mammary gland

Lactation

Skin

Fibrous Histiocytoma

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

DOSE: 500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Larynx

Lung

Testis

Nephrosis, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebellum Nos	Glioma, Nos
Kidney		Nephrosis, Nos
Prostate		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Skin		Abscess, Nos
		Foreign Body, Vegetable
Spleen		Hemosiderosis
Testis		Hypospermatogenesis
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Cyst, Nos
		Nephrosis, Nos
Larynx		Inflammation, Chronic
Liver		Hepatocellular Carcinoma
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Larynx

Lung

Pituitary gland

Testis

Thyroid

Nephrosis, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Chromophobe Adenoma

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma, Malignant

Kidney

Nephrosis, Nos

Liver

Necrosis, Focal

Lung

Bronchiectasis

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Larynx

Testis

Nephrosis, Nos

Inflammation, Chronic

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Kidney

Lung

Testis

Necrosis, Nos

Nephrosis, Nos

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Stomach

Testis

Degeneration, Nos

Hyperkeratosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Lung	Pneumonia, Chronic Murine
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Cytoplasmic Change, Basophilic

Lung

Pneumonia, Chronic Murine

Pituitary gland

Basophil Adenoma

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Hydrocephalus, Nos
Kidney	Nephrosis, Nos
Lung	Pneumonia, Chronic Murine
Pituitary gland	Chromophobe Adenoma
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Spleen	Hemosiderosis
Testis	Spermatogenic Arrest

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephrosis, Nos
Larynx		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Brain

Kidney

Prostate

Seminal vesicle

Testis

Unspecified

Stem

Multiple Organs Nos

Hyperplasia, Nos

Hemorrhage

Hydrocephalus, Nos

Nephrosis, Nos

Atrophy, Nos

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Liver	Congestion, Chronic Passive
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Stomach	Hyperplasia, Basal Cell
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Degeneration, Nos

Kidney

Nephrosis, Nos

Lung

Pneumonia, Chronic Murine

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Bronchiole

Metaplasia, Nos

Testis

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Larynx	Inflammation, Acute/Chronic
Spleen	Congestion, Nos
Urinary bladder	Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Bronchiole

Pheochromocytoma

Degeneration, Nos

Nephrosis, Nos

Metaplasia, Nos

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Salivary gland

Testis

Nephrosis, Nos

Fibrosarcoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Basophil Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Glioma, Nos
Kidney		Nephrosis, Nos
Pituitary gland		Basophil Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Liver	Cytoplasmic Change, Basophilic
Lung	Pneumonia, Chronic Murine
Testis	Atrophy, Nos
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Liver	Fibrosis, Cholangio
	Focal Cellular Change
	Neoplastic Nodule
Lung	Pneumonia, Chronic Murine
Skin	Squamous Cell Papilloma
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Kidney

Nephrosis, Nos

Liver

Fibrosis, Cholangio

Mammary gland

Fibroadenoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephrosis, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Nos
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Larynx

Lung

Testis

Nephrosis, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Periarteritis
Kidney	Pyelonephritis, Chronic
Liver	Cytoplasmic Change, Basophilic
	Fibrosis, Cholangio
Lung	Abscess, Nos
	Bronchiectasis
	Pneumonia, Chronic Murine
Testis	Interstitial-Cell Tumor
Thymus	Cyst, Nos
	Inflammation, Chronic
Urinary bladder	Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Nos

Heart

Degeneration, Nos

Kidney

Nephrosis, Nos

Larynx

Inflammation, Chronic

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Pneumonia, Chronic Murine

Prostate

Inflammation, Acute/Chronic

Testis

Interstitial-Cell Tumor

Thyroid

Cyst, Follicular Nos

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephrosis, Nos
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Sebaceous Adenocarcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Sebaceous Adenocarcinoma, Metastatic
	Mediastinal Lymph Node	Sebaceous Adenocarcinoma, Metastatic
Skin		Sebaceous Adenocarcinoma
Testis		Atrophy, Focal
Thyroid		Sebaceous Adenocarcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Liver	Neoplastic Nodule
Lung	Pneumonia, Chronic Murine
Prostate	Inflammation, Acute/Chronic
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
Heart		Degeneration, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Skin		Cyst, Epidermal Inclusion
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Kidney

Nephrosis, Nos

Pancreas

Atrophy, Focal

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Larynx	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Pituitary gland	Chromophobe Adenoma
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung	Adenocarcinoma, Nos, Metastatic
Pituitary gland	Basophil Adenoma
Salivary gland	Adenocarcinoma, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung	Bronchiectasis
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Testis	Interstitial-Cell Tumor
Thyroid	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Parathyroid gland

Pituitary gland

Prostate

Seminal vesicle

Testis

Hyperplasia, Nos

Chromophobe Adenoma

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Fibrosis, Cholangio

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Lipoma

Zymbal gland

Sebaceous Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Pancreas
Pituitary gland
Prostate
Seminal vesicle
Testis
Thyroid

Cortex Nos

Islets

Hyperplasia, Nos
Hyperplasia, Nos
Islet-Cell Adenoma
Interstitial-Cell Tumor, Metastatic
Atrophy, Nos
Atrophy, Nos
Interstitial-Cell Tumor, Malignant
C-Cell Adenoma
Inflammation, Chronic
Papillary Cystadenocarcinoma Nos
Leukemia, Undifferentiated

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Pyelonephritis, Focal

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calculus, Unknown Gross Or Micro Hyperplasia, Epithelial
Pancreas		Fibrosis, Focal
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Urinary bladder		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Hyperplasia, Epithelial
Lung	Alveolar/Bronchiolar Adenoma
Pituitary gland	Adenoma, Nos
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Testis	Interstitial-Cell Tumor
Thymus	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Necrosis, Focal
Pituitary gland	Chromophobe Adenoma
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Hyperplasia, Nodular

Kidney

Nephrosis, Nos

Liver

Neoplastic Nodule

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Chromophobe Adenoma

Preputial gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Testis

Pheochromocytoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Hydrocephalus, Nos
Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Liver	Neoplastic Nodule
Lung	Pneumonia, Chronic Murine
Mammary gland	Adenocarcinoma, Nos
Pituitary gland	Acidophil Adenoma
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Larynx

Inflammation, Chronic

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Alveolar/Bronchiolar Adenoma

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Lung	Pneumonia, Chronic Murine
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Testis	Interstitial-Cell Tumor
Thyroid	Inflammation, Chronic
Unspecified	Multiple Organs Nos Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Clear-Cell Change
Prostate	Atrophy, Nos
Seminal vesicle	Atrophy, Nos
Testis	Interstitial-Cell Tumor
Thyroid	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Liver

Testis

Centrilobular

Hyperplasia, Nos

Necrosis, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Leukemia, Undifferentiated
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Prostate

Seminal vesicle

Testis

Thyroid

Pheochromocytoma

Nephrosis, Nos

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Bone marrow

Hyperplasia, Hematopoietic

Liver

Cytoplasmic Change, Basophilic

Lung

Bronchopneumonia, Nos

Preputial gland

Carcinoma, Nos

Prostate

Atrophy, Nos

Seminal vesicle

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Nephrosis, Nos
Lung	Bronchiectasis
Testis	Interstitial-Cell Tumor
Urinary bladder	Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Congestion, Chronic Passive
Lung	Bronchopneumonia, Acute
Stomach	Ulcer, Acute
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Neuroblastoma

Kidney

Pheochromocytoma

Lung

Nephrosis, Nos

Bronchopneumonia, Acute

Pituitary gland

Pneumonia, Chronic Murine

Testis

Acidophil Carcinoma

Interstitial-Cell Tumor

Thyroid

Periarteritis

Unspecified

Body Cavities

C-Cell Adenoma

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Unspecified

Multiple Organs Nos

Abdominal Cavity

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Cytoplasmic Change, Basophilic

Lung

Alveolar/Bronchiolar Adenoma

C-Cell Carcinoma, Metastatic

Lymph node

Mesenteric Lymph Node

Lymphangioma

Pituitary gland

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma
Trachea		Papilloma, Nos
Unspecified	Tail	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Larynx

Papilloma, Nos

Mammary gland

Abscess, Nos

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Liver

Congestion, Chronic Passive

Lung

Pneumonia, Chronic Murine

Parathyroid gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Abdominal Cavity

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Follicular-Cell Adenoma

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Lung

Bronchiectasis

Pancreas

Islets

Islet-Cell Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Pancreas

Skin

Islets

Lip Nos

Pheochromocytoma

Hyperplasia, Nos

Degeneration, Nos

Islet-Cell Adenoma

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Bone marrow

Hyperplasia, Hematopoietic

Liver

Lymphangioma

Pituitary gland

Basophil Adenoma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Thymus

Thymoma, Benign

Thyroid

Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Thyroid

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Carcinoma, Nos, Metastatic
Pituitary gland	Carcinoma, Nos
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Unspecified

Pheochromocytoma

Nephrosis, Nos

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain

Glioma, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lymph node

Pituitary gland

Salivary gland

Testis

Mandibular Lymph Node

Nephrosis, Nos

Cytoplasmic Change, Basophilic

Neurilemoma, Metastatic

Chromophobe Adenoma

Neurilemoma, Malignant

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Alveolar/Bronchiolar Adenoma

Pancreas

Islets

Islet-Cell Adenoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Skin

Testis

Back

Nephrosis, Nos

Scar

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephrosis, Nos

Pituitary gland

Adenoma, Nos

Testis

Atrophy, Nos

Unspecified

Abdomen

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Pancreas

Pituitary gland

Testis

Mammary Duct

Islets

Nephrosis, Nos

Hemorrhage

Islet-Cell Adenoma

Adenoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Nephrosis, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Lymph node

Testis

Mandibular Lymph Node

Pheochromocytoma, Malignant

Nephrosis, Nos

Pheochromocytoma, Metastatic

Hyperplasia, Plasma Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lymph node

Testis

Mandibular Lymph Node

Nephrosis, Nos

Hyperplasia, Plasma Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Nephrosis, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Skin

Nose

Squamous Cell Papilloma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Skin

Testis

Nose

Nephrosis, Nos

Squamous Cell Papilloma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephrosis, Nos

Liver

Angiectasis

Degeneration, Nos

Testis

Hyperplasia, Focal

Thyroid

Interstitial-Cell Tumor

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Nephrosis, Nos

Metamorphosis, Fatty

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Nephrosis, Nos

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Nephrosis, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Prostate

Testis

Nephrosis, Nos

Inflammation, Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Lung

Lymph node

Prostate

Testis

Thyroid

Mandibular Lymph Node

Nephrosis, Nos

Bronchopneumonia Necrotizing

C-Cell Carcinoma, Metastatic

Inflammation, Suppurative

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Nephrosis, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephrosis, Nos

Liver

Neoplastic Nodule

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Ear

Kidney

Liver

Spleen

Testis

Canal

Pheochromocytoma

Squamous Cell Carcinoma

Nephrosis, Nos

Cytoplasmic Change, Basophilic

Congestion, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03021

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,5-Naphthalenediamine

CAS Number: 2243-62-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:32:53

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Cortex

Cyst, Multilocular

Nephrosis, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE