

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

C Number: C02335

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Necrosis, Nos

Prostate

Inflammation, Acute

Unspecified

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Unspecified

Multiple Organs Nos

Inflammation, Chronic

Hyperplasia, Alveolar Epithelium

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Pituitary gland
Skin
Testis
Unspecified

Medulla
Tubule

Hyperplasia, Nos
Hemosiderosis
Necrosis, Nos
Cyst, Nos
Cyst, Epidermal Inclusion
Interstitial-Cell Tumor
Fibroma
Fibrosarcoma

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Hemosiderosis Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Necrosis, Nos
Pituitary gland	Adenoma, Nos
Spleen	Fibrosis
Stomach	Inflammation, Chronic
	Ulcer, Nos
Testis	Interstitial-Cell Tumor
Thyroid	Cystic Follicles
Unspecified	Fibroma
	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Nephrosis, Nos

Lung

Alveolar/Bronchiolar Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Stomach		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Fibrosarcoma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Tubule

Hemosiderosis

Spleen

Capsule

Cyst, Hemorrhagic

Depletion, Lymphoid

Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Stomach

Inflammation, Acute

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Unspecified

Inflammation, Chronic

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatocytomegaly
Spleen	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Unspecified

Interstitial-Cell Tumor

Lipoma

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Hemosiderosis

Liver

Inflammation, Chronic

Testis

Necrosis, Nos

Unspecified

Multiple Organs Nos

Hyperplasia, Interstitial Cell

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
		Hematopoiesis
Lung		Hemorrhage
Spleen		Depletion, Lymphoid
		Fibrosis
	Capsule	Hyperplasia, Mesothelial
Unspecified	Multiple Organs Nos	Angiosarcoma
		Fibroma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Unspecified

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Spleen

Testis

Unspecified

Inflammation, Chronic

Fibroadenoma

Fibrosis

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Lung		Alveolar/Bronchiolar Carcinoma
Spleen		Sarcoma, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Kidney

Inflammation, Chronic

Liver

Hematopoiesis

Pancreas

Acinar-Cell Carcinoma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Fibroma

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Unspecified

Inflammation, Chronic

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Unspecified

Inflammation, Chronic

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Spleen

Unspecified

Inflammation, Chronic

Depletion, Lymphoid

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Testis

Necrosis, Nos

Unspecified

Interstitial-Cell Tumor

Fibroma

Multiple Organs Nos

Fibrosarcoma

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver		Necrosis, Nos
Lung		Hyperplasia, Alveolar Epithelium
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Unspecified

Urinary bladder

Multiple Organs Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Cystic Follicles

Fibroma

Fibrosarcoma

Angioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Depletion, Lymphoid
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibrosarcoma
		Osteosarcoma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Unspecified

Urinary bladder

Multiple Organs Nos

Inflammation, Chronic

Fibrosarcoma

Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Necrosis, Nos
Testis	Interstitial-Cell Tumor
Unspecified	Fibroma
Multiple Organs Nos	Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Spleen

Fibroma

Lipoma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Spleen

Osteosarcoma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Heart

Liver

Pituitary gland

Unspecified

Myocardium Nos

Bile Duct

Hemorrhage

Fibrosis

Hyperplasia, Nos

Adenoma, Nos

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Spleen

Testis

Unspecified

Urinary bladder

Tunica Vaginalis

Pheochromocytoma

Inflammation, Chronic

Focal Cellular Change

Hepatocellular Carcinoma

Depletion, Lymphoid

Fibrosis

Interstitial-Cell Tumor

Mesothelioma, Malignant

Fibroma

Fibrosarcoma

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial
Spleen		Sarcoma, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Spleen

Capsule

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Inflammation, Chronic

Necrosis, Nos

Hyperplasia, Mesothelial

Metamorphosis, Fatty

Interstitial-Cell Tumor

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Pituitary gland		Adenoma, Nos
Testis	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Metamorphosis, Fatty
		Neoplastic Nodule
Spleen		Fibroma
	Capsule	Hyperplasia, Mesothelial
		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Mesothelioma, Malignant
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Spleen		Depletion, Lymphoid
Testis	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Lung

Bronchopneumonia, Acute

Pituitary gland

Angiectasis

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Spleen

Capsule

Testis

Tunica Vaginalis

Unspecified

Inflammation, Chronic

Neoplastic Nodule

Depletion, Lymphoid

Hyperplasia, Mesothelial

Sarcoma, Nos

Interstitial-Cell Tumor

Mesothelioma, Malignant

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_101

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Osteosarcoma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_102

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Adenomatous Polyp, Nos
	Large Intestine, Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Perivasculitis
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
		Steatitis
Spleen		Depletion, Lymphoid
		Fibrosis
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Follicular-Cell Adenoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_103

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Angioma

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_104

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Spleen

Testis

Unspecified

Multiple Organs Nos

Inflammation, Chronic

Angiosarcoma

Fibroma

Interstitial-Cell Tumor

Fibroma

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_105

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Unspecified

Necrosis, Nos

Fibroma

Lipoma

Multiple Organs Nos

Osteosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_106

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Tubular-Cell Adenocarcinoma
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Fibroma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_107

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Heart

Kidney

Liver

Lung

Mammary gland

Pancreas

Pituitary gland

Prostate

Spleen

Testis

Unspecified

Pulmonary Artery Nos

Myocardium Nos

Islets

Capsule

Pheochromocytoma

Calcification, Medial

Fibrosis

Inflammation, Chronic

Fibrosis, Cholangio

Alveolar/Bronchiolar Carcinoma

Dilatation, Ducts

Fibroadenoma

Islet-Cell Adenoma

Adenoma, Nos

Inflammation, Acute

Fibrosis

Hyperplasia, Mesothelial

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_108

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Testis

Unspecified

Multiple Organs Nos

Pheochromocytoma

Interstitial-Cell Tumor

Fibrosarcoma

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_109

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Pyelonephritis, Nos

Lung

Granuloma, Nos

Prostate

Inflammation, Acute

Testis

Tunica Vaginalis

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_110

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Spleen		Angiosarcoma
	Capsule	Hyperplasia, Mesothelial
Testis	Tunica Vaginalis	Mesothelioma, Malignant
Urinary bladder		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Chronic
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Preputial gland		Adenoma, Nos
Spleen		Angiosarcoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibroma
		Myxosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Spleen

Testis

Unspecified

Capsule

Tunica Vaginalis

Nephrosis, Hydro

Hematopoiesis

Hyperplasia, Mesothelial

Mesothelioma, Malignant

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_114

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart
Pituitary gland
Testis
Unspecified

Myocardium Nos

Fibrosis
Adenoma, Nos
Interstitial-Cell Tumor
Fibroma
Lipoma
Osteosarcoma

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_115

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Testis

Necrosis, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_116

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Testis	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_117

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Medulla	Hyperplasia, Nos Inflammation, Chronic
Lung		Perivasculitis
Spleen		Fibrosis
	Capsule	Hyperplasia, Mesothelial
Testis		Sarcoma, Nos
Unspecified		Interstitial-Cell Tumor
Urinary bladder		Fibroma
		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_118

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Nos
Spleen		Fibrosis
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_119

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_120

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Spleen		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
		Periarteritis
Liver		Fibrosarcoma
Spleen		Fibroma
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Spleen

Testis

Capsule

Inflammation, Chronic

Adenoma, Nos

Angiosarcoma

Hyperplasia, Mesothelial

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Spleen		Fibroma
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibroma
		Myxosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_124

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Coronary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Perivasculitis
Spleen		Angiosarcoma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Hemosiderosis
	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_125

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Necrosis, Nos
Mammary gland		Fibroadenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Fibroma
		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_126

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Necrosis, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Pituitary gland		Adenoma, Nos
		Cyst, Nos
Skin		Squamous Cell Carcinoma
Spleen		Fibroma
		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Urinary bladder		Angiosarcoma
		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_127

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Spleen

Myocardium Nos

Lymphocytic Inflammatory Infiltrate

Fibrosis

Fibrosis, Cholangio

Angiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_128

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Kidney

Inflammation, Chronic

Lung

Granuloma, Nos

Spleen

Fibroma

Capsule

Hyperplasia, Mesothelial

Capsule

Metaplasia, Osseous

Testis

Interstitial-Cell Tumor

Tunica Vaginalis

Mesothelioma, Nos

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_129

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Pituitary gland
Spleen
Testis
Unspecified

Myocardium Nos
Large Intestine, Colon

Pheochromocytoma
Fibrosis
Nematodiasis
Inflammation, Chronic
Angiectasis
Angiosarcoma
Interstitial-Cell Tumor
Fibroma
Lymphoma, Undifferentiated-Malignant Type

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_130

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Intestine Small
Kidney

Pulmonary Artery Nos
Mesentery Nos

Calcification, Medial
Abscess, Nos
Inflammation, Chronic
Transitional-Cell Carcinoma
Interstitial-Cell Tumor
Mesothelioma, Nos
Sarcoma, Nos
Transitional-Cell Carcinoma

Testis

Pelvis

Unspecified
Urinary bladder

Tunica Vaginalis
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
		Necrosis, Nos
Pituitary gland		Adenoma, Nos
Spleen		Fibroma
		Metaplasia, Osseous
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibroma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_132

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Spleen

Testis

Unspecified

Capsule

Inflammation, Chronic

Fibrosis

Hyperplasia, Mesothelial

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Heart	Myocardium Nos	Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Spleen		Fibrosis
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibroma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_134

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung		Sarcoma, Nos, Metastatic
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Spleen		Fibroma
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_135

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Skin
Spleen

Medulla

Hyperplasia, Nos
Inflammation, Chronic
Focal Cellular Change
Perivasculitis
Cyst, Epidermal Inclusion

Capsule

Fibrosis
Hyperplasia, Mesothelial
Metamorphosis, Fatty
Interstitial-Cell Tumor
Fibroma
Squamous Cell Carcinoma

Testis
Unspecified
Urinary bladder

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_136

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver		Necrosis, Nos
Pituitary gland		Angiectasis
Spleen		Fibrosis
		Hematopoiesis
	Capsule	Hyperplasia, Mesothelial
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified		Fibroma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_137

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Cortex Nos

Lipoidosis

Kidney

Myocardium Nos

Fibrosis

Liver

Inflammation, Chronic

Pituitary gland

Metamorphosis, Fatty

Spleen

Necrosis, Nos

Adenoma, Nos

Fibrosis

Hyperplasia, Mesothelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_138

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Spleen

Depletion, Lymphoid

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_139

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Nos

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Liver

Necrosis, Nos

Spleen

Fibrosis

Capsule

Hyperplasia, Mesothelial

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_140

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Fibrosis

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Necrosis, Nos
Spleen		Fibrosis
		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_143

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Fibroma
		Metamorphosis, Fatty
Testis		Metaplasia, Osseous
Unspecified		Interstitial-Cell Tumor
Urinary bladder		Sarcoma, Nos
		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_144

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Stomach

Ulcer, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_145

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Inflammation, Nos
Kidney	Inflammation, Chronic
Skin	Squamous Cell Carcinoma
Spleen	Fibroma
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_146

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Fibrosis, Cholangio
Mammary gland		Fibroadenoma
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Trachea		Inflammation, Acute
Unspecified		Fibroma
		Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_147

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Unspecified

Multiple Organs Nos

Angiosarcoma

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_148

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Periarteritis

Kidney

Inflammation, Chronic

Pancreas

Acinus

Atrophy, Nos

Spleen

Capsule

Hyperplasia, Mesothelial

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_149

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Spleen

Capsule

Inflammation, Chronic
Fibroadenoma
Fibrosis
Hyperplasia, Mesothelial
Metamorphosis, Fatty
Interstitial-Cell Tumor

Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_150

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Mammary gland

Fibroadenoma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Multiple Organs Nos

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_201

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Prostate

Inflammation, Acute

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_202

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Cyst, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_203

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney
Liver

Pulmonary Artery Nos

Calcification, Medial
Inflammation, Chronic
Cytoplasmic Vacuolization

Pancreas
Testis

Bile Duct
Acinus

Hyperplasia, Nos
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_204

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Heart

Myocardium Nos

Inflammation, Chronic

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Testis

Atrophy, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_205

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_206

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lymph node	Renal Lymph Node	Interstitial-Cell Tumor, Metastatic
Testis		Interstitial-Cell Tumor, Malignant
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_207

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_208

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_209

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_210

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Coronary Artery Nos	Calcification, Medial
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_211

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas		Periarteritis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_212

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_213

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_214

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Medial

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Necrosis, Nos

Thyroid

Hyperplasia, Follicular Cell

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_215

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_216

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_217

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Testis

Thyroid

Bile Duct

Inflammation, Chronic

Hyperplasia, Nos

Hyperplasia, Alveolar Epithelium

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_218

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_219

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Intestine Large	Large Intestine, Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Testis	Bile Duct	Hyperplasia, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02335

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Toluidine hydrochloride

CAS Number: 636-21-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:43:56

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_220

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Testis

Neoplastic Nodule

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****