

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

C Number: C02153

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Interstitial

Liver

Degeneration, Eosinophilic

Bile Duct

Hyperplasia, Focal

Prostate

Inflammation, Acute Focal

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Degeneration, Hyaline

Lung

Hyperplasia, Focal

Pituitary gland

Alveolar/Bronchiolar Adenoma

Trachea

Hyperplasia, Focal

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Liver

Hyperplasia, Focal

Lung

Abscess, Nos

Atelectasis

Mammary gland

Hyperplasia, Nos

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
		Metamorphosis, Fatty
Lung	Bronchus	Perivascular Cuffing
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Testis		Necrosis, Focal
Trachea		Interstitial-Cell Tumor
		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
		Metamorphosis, Fatty
		Necrosis, Focal
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Mineralization
Heart	Myocardium Nos	Fibrosis, Diffuse
Intestine Large	Colon	Nematodiasis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
		Metamorphosis, Fatty
		Necrosis, Focal
Lymph node	Celiac Lymph Node	Lymphoma, Histiocytic-Malignant Type
Pancreas		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Testis		Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
Lung	Bronchus	Perivascular Cuffing
Pituitary gland		Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Focal
Pituitary gland		Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Focal

Hyperplasia, Focal

Metamorphosis, Fatty

Pituitary gland

Hyperplasia, Focal

Prostate

Inflammation, Acute Focal

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Focal

Hyperplasia, Focal

Metamorphosis, Fatty

Pituitary gland

Hyperplasia, Focal

Prostate

Inflammation, Acute/Chronic

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hyperplasia, Focal
Testis	Hyperplasia, Interstitial Cell
Trachea	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
Pituitary gland		Basophil Adenoma Hyperplasia, Chromophobe Cell
Prostate		Inflammation, Acute Focal
Testis		Degeneration, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, Epithelial
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Nodular
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Preputial gland		Inflammation, Acute/Chronic
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Bile Duct

Glomerulonephritis, Nos

Degeneration, Hyaline

Hyperplasia, Focal

Hyperplasia, Focal

Metamorphosis, Fatty

Lung

Mammary gland

Pituitary gland

Testis

Trachea

Alveolar/Bronchiolar Adenoma

Hyperplasia, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Subacute
	Tubule	Regeneration, Nos
Liver		Degeneration, Hyaline
	Bile Duct	Hepatocellular Carcinoma
		Hyperplasia, Focal
	Bronchus	Hyperplasia, Focal
Lung		Inflammation, Acute/Chronic
Pituitary gland		Hyperplasia, Focal
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Preputial gland

Aorta Nos

Periarteritis
Hyperplasia, Nos
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Bile Duct

Lung

Pituitary gland

Prostate

Inflammation, Interstitial

Degeneration, Eosinophilic

Hyperplasia, Focal

Metamorphosis, Fatty

Alveolar/Bronchiolar Adenoma

Hyperplasia, Chromophobe Cell

Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Degeneration, Hyaline
		Hyperplasia, Focal
		Metamorphosis, Fatty
		Necrosis, Focal
Pituitary gland		Hyperplasia, Nos
Prostate		Inflammation, Acute/Chronic
Testis		Degeneration, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney
Liver

Aorta Nos

Periarteritis
Glomerulonephritis, Nos
Degeneration, Hyaline
Hyperplasia, Focal
Metamorphosis, Fatty
Hyperplasia, Nos
Hyperplasia, Nos
Dilatation, Nos
Interstitial-Cell Tumor
Hyperplasia, Papillary
Inflammation, Acute/Chronic

Mammary gland
Pituitary gland
Preputial gland
Testis
Thyroid
Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Interstitial

Liver

Hyperplasia, Focal

Prostate

Inflammation, Acute Focal

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Interstitial

Liver

Degeneration, Eosinophilic

Bile Duct

Hyperplasia, Focal

Hyperplasia, Focal

Bile Duct

Inflammation, Acute/Chronic

Pituitary gland

Hyperplasia, Chromophobe Cell

Prostate

Inflammation, Acute

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
Pituitary gland		Hyperplasia, Focal
Skin	Ear	Fibrosarcoma
Testis		Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung	Bronchus	Inflammation, Acute/Chronic
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Acute/Chronic
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Subacute
Liver	Centrilobular	Degeneration, Hyaline
		Hyperplasia, Focal
Pituitary gland		Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
Mammary gland		Lactation
Prostate		Inflammation, Acute Focal
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Acute/Chronic
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Testis

Myocardium Nos

Tubule

Pheochromocytoma

Fibrosis, Focal

Regeneration, Nos

Degeneration, Hyaline

Inflammation, Focal

Inflammation, Acute/Chronic

Degeneration, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

Trachea

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Liver

Colon

Bile Duct

Nematodiasis

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Metamorphosis, Fatty

Hyperplasia, Nos

Degeneration, Nos

Hyperplasia, Interstitial Cell

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pancreas		Inflammation, Focal
Prostate		Inflammation, Nos
Skin		Necrosis, Nos
		Squamous Cell Carcinoma
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Interstitial
Liver		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney	Tubule	Regeneration, Nos
Liver		Degeneration, Hyaline
		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Nematodiasis
Kidney	Tubule	Regeneration, Nos
Liver		Degeneration, Hyaline
	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Nos
		Necrosis, Focal
Mammary gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Degeneration, Nos
		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Prostate		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Bile Duct

Testis

Inflammation, Interstitial

Degeneration, Eosinophilic

Hyperplasia, Focal

Hyperplasia, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver	Bile Duct	Degeneration, Eosinophilic Hyperplasia, Nos Necrosis, Focal
Lung	Bronchiole	Inflammation, Interstitial Inflammation, Nos Perivascular Cuffing
Pancreas	Acinus	Atrophy, Nos
Prostate	Prostatic Urethra Prostatic Urethra	Cast, Nos Hyperplasia, Nos Inflammation, Acute/Chronic
Skin		Acanthosis Cyst, Epidermal Inclusion Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Hyaline
	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos
		Perivasculitis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Nos
Prostate		Cytoplasmic Vacuolization
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Acute
Mammary gland		Hyperplasia, Nos
		Lactation
Pancreas	Acinus	Atrophy, Focal
	Duct Nos	Hyperplasia, Nos
	Islets	Hyperplasia, Nos
		Inflammation, Nos
Salivary gland		Degeneration, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		Adenoma, Nos
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Congestion, Nos Hyperplasia, Focal Metamorphosis, Fatty
Lung	Edema, Nos
Testis	Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascular Cuffing
	Bronchiole	Polyp, Inflammatory
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivasculitis
Prostate		Inflammation, Focal
Seminal vesicle		Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Sternum	Fibrosis, Focal
Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivasculitis
	Bronchiole	Polyp, Inflammatory
Prostate		Cytoplasmic Vacuolization
Seminal vesicle		Dilatation, Nos
Stomach	Fundal Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Nos
		Perivascular Cuffing
Mammary gland		Hyperplasia, Nos
Prostate		Cytoplasmic Vacuolization
		Pigmentation, Nos
Seminal vesicle		Dilatation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Sternum	Degeneration, Cystic
Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Nos
		Perivascular Cuffing
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Acute/Chronic
Seminal vesicle		Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Heart

Pulmonary Artery Nos
Myocardium Nos
Myocardium Nos

Liver
Testis

Bile Duct

Calcification, Medial
Fibrosis
Inflammation, Nos
Hyperplasia, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Sternum	Degeneration, Cystic
Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivasculitis
Pancreas		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute Focal
Seminal vesicle		Dilatation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivascularitis
Pituitary gland		Hyperplasia, Chromophobe Cell
Prostate		Cytoplasmic Vacuolization
		Inflammation, Chronic Focal
Seminal vesicle		Dilatation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic Periarteritis
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Nos
Lung	Bile Duct Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Mammary gland		Hyperplasia, Nos
Seminal vesicle		Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
Lung	Bronchiole	Hyperplasia, Epithelial
	Bronchiole	Inflammation, Interstitial
		Lymphocytic Inflammatory Infiltrate
		Perivascularitis
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Acute/Chronic
Prostate		Cytoplasmic Vacuolization
		Inflammation, Acute Focal
Seminal vesicle		Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Bone	Sternum	Degeneration, Cystic
Brain	Neuropil	Cytoplasmic Vacuolization
Ductus deferens	Vas Deferens Nos	Hyperplasia, Epithelial
	Vas Deferens Nos	Hypertrophy, Nos
Heart	Endocardium Nos	Inflammation, Acute/Chronic
	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
	Bronchiole	Lymphocytic Inflammatory Infiltrate
	Bronchus	Lymphocytic Inflammatory Infiltrate
	Bronchus	Mineralization
		Perivasculitis
Prostate		Inflammation, Acute Focal
Seminal vesicle		Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Sternum	Degeneration, Nos
Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
Lung	Bronchiole	Inflammation, Interstitial
		Inflammation, Nos
		Perivascular Cuffing
Pancreas	Acinus	Degeneration, Nos
		Inflammation, Acute/Chronic
Prostate		Cytoplasmic Vacuolization
		Inflammation, Acute
Seminal vesicle		Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Adipose Tissue	Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Medial
Bone	Sternum	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascularitis
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Acute/Chronic
		Metaplasia, Squamous
Seminal vesicle		Dilatation, Nos
Skin		Inflammation, Nos
Stomach	Fundal Gland	Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified		Abscess, Nos
	Adipose Tissue	Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Sternum	Degeneration, Nos
Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Intestine Small	Ileum	Hyperplasia, Lymphoid
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Nos
		Perivascular Cuffing
Mammary gland		Hyperplasia, Nos
Prostate		Cytoplasmic Vacuolization
		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Sternum	Degeneration, Cystic
Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivasculitis
Seminal vesicle		Dilatation, Nos
Testis		Hyperplasia, Interstitial Cell
Thyroid		C-Cell Carcinoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
	Duct Nos	Hyperplasia, Focal
Testis		Inflammation, Acute/Chronic
		Degeneration, Nos
		Hypoplasia, Nos
Trachea		Mineralization
		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Neuropil	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Prostate		Cytoplasmic Vacuolization Inflammation, Focal
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Lung		Perivascular Cuffing
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivascularitis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Focal
Prostate		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Nos
Lung	Bile Duct Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Mammary gland		Hyperplasia, Nos
Prostate		Inflammation, Interstitial
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Trachea

Myocardium Nos

Bronchus

Metamorphosis, Fatty

Inflammation, Chronic Focal

Inflammation, Chronic

Degeneration, Eosinophilic

Necrosis, Focal

Inflammation, Chronic

Perivasculitis

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Nos
Preputial gland		Abscess, Nos
		Adenoma, Nos
Prostate		Inflammation, Focal
Skin	Ear	Fibrosarcoma
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Inflammation, Diffuse
Lymph node	Mesenteric Lymph Node	Atrophy, Nos
Spleen		Hypertrophy, Nos
Thymus		Depletion, Lymphoid
Trachea		Inflammation, Acute/Chronic
Unspecified	Thorax Nos	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Lung		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos Perivasculitis
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
		Perivascular Cuffing
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Spleen		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Degeneration, Eosinophilic
Lung	Bronchiole	Inflammation, Chronic
		Inflammation, Focal
		Perivasculitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos
		Perivasculitis
Pituitary gland		Chromophobe Adenoma
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Perivascular Cuffing
Mammary gland		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
		Necrosis, Focal
Lung	Bronchiole	Hyperplasia, Lymphoid
		Perivasculitis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Nos
Prostate		Inflammation, Acute Focal
Testis		Hyperplasia, Interstitial Cell
Thyroid	Follicle	Papillary Adenocarcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lung	Bronchus	Hyperplasia, Lymphoid Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivascularitis
Prostate		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Cyst, Colloid
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Trachea

Myocardium Nos

Bile Duct

Bronchus

Metamorphosis, Fatty

Inflammation, Chronic Focal

Hyperplasia, Nos

Necrosis, Focal

Inflammation, Chronic

Inflammation, Focal

Perivasculitis

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Pancreas		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Nos
Lung	Bile Duct Bronchiole	Inflammation, Nos Perivascular Cuffing
Prostate		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Perivascular Cuffing
Prostate		Inflammation, Focal
Testis		Degeneration, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Ulcer, Nos
Kidney		Glomerulonephritis, Nos
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos
Pancreas		Perivascular Cuffing
Testis	Acinus	Atrophy, Focal Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver
Lung
Testis

Thyroid
Trachea

Myocardium Nos
Colon

Bronchus

Metamorphosis, Fatty
Inflammation, Chronic Focal
Nematodiasis
Inflammation, Chronic
Necrosis, Focal
Inflammation, Chronic
Aspermatogenesis
Atrophy, Nos
Calcification, Nos
C-Cell Carcinoma
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Inflammation, Interstitial
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Interstitial
Liver		Cyst, Nos
		Degeneration, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Hyperplasia, Lymphoid
		Inflammation, Interstitial
	Bronchiole	Inflammation, Nos
		Perivascular Cuffing
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Degeneration, Eosinophilic Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivascularitis
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Pancreas

Testis

Trachea

Bile Duct

Bronchus

Duct Nos

Metamorphosis, Fatty

Hyperplasia, Nos

Inflammation, Chronic

Hyperplasia, Focal

Hyperplasia, Interstitial Cell

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Lung	Bronchus	Perivascular Cuffing
Mammary gland		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos Myocardium Nos	Inflammation, Acute/Chronic Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Lung		Inflammation, Interstitial Perivascular Cuffing
Prostate		Inflammation, Acute Focal
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
Liver		Hyperplasia, Focal
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Pancreas		Inflammation, Interstitial
Prostate		Inflammation, Acute Focal
Seminal vesicle		Hyperplasia, Epithelial
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02153

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Tolylurea

CAS Number: 622-51-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Liver		Necrosis, Focal
Lung	Bronchus	Bronchiectasis
		Pneumonia, Chronic Murine
Mammary gland		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Testis		Atrophy, Nos
		Edema, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****