

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

C Number: C01865

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Myocardium Nos

Inflammation, Acute/Chronic

Kidney

Glomerulus

Inflammation, Membranous

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchiole

Inflammation, Focal

Lymph node

Parotid Lymph Node

Hyperplasia, Lymphoid

Testis

Hyperplasia, Nos

Trachea

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Glomerulus

Inflammation, Membranous

Liver

Inflammation, Acute Focal

Bile Duct

Inflammation, Nos

Lung

Bronchiole

Lymphocytic Inflammatory Infiltrate

Perivascularitis

Mammary gland

Cyst, Nos

Testis

Tubule

Degeneration, Nos

Interstitial-Cell Tumor

Trachea

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Endocardium Nos	Inflammation, Acute/Chronic
	Myocardium Nos	Inflammation, Acute/Chronic
Kidney	Glomerulus	Inflammation, Membranous
Liver		Hyperplasia, Nodular
	Bile Duct	Hyperplasia, Nos
		Inflammation, Focal
	Bile Duct	Inflammation, Nos
Lung		Inflammation, Interstitial
		Perivasculitis
Prostate		Inflammation, Acute Focal
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Glomerulus

Inflammation, Membranous

Liver

Hemorrhage

Pituitary gland

Adenoma, Nos

Testis

Tubule

Degeneration, Nos

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Inflammation, Nos
		Perivasculitis
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivasculitis
Pancreas		Inflammation, Interstitial
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Blood vessel

Kidney

Liver

Testis

Trachea

Urinary bladder

Aorta Nos

Pheochromocytoma

Inflammation, Acute/Chronic

Glomerulonephritis, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Chronic
Liver		Hyperplasia, Nodular
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas		Islet-Cell Adenoma
Testis	Islets	Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Prostate		Inflammation, Acute Focal
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Testis

Myocardium Nos
Colon

Pheochromocytoma
Inflammation, Interstitial
Parasitism
Glomerulonephritis, Focal
Degeneration, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum, Ileum

Cystadenocarcinoma, Nos

Kidney

Ileum, Ileum

Metaplasia, Osseous

Liver

Glomerulosclerosis, Nos

Pancreas

Hyperplasia, Focal

Inflammation, Acute/Chronic

Testis

Periarteritis

Degeneration, Nos

Trachea

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Pituitary gland

Testis

Trachea

Glomerulonephritis, Nos

Hyperplasia, Focal

Metamorphosis, Fatty

Necrosis, Focal

Periarteritis

Adenoma, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Edema, Nos
		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Pituitary gland

Testis

Glomerulonephritis, Nos

Hyperplasia, Focal

Metamorphosis, Fatty

Inflammation, Acute/Chronic

Hyperplasia, Focal

Degeneration, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Fibrosis, Diffuse

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Focal

Testis

Degeneration, Nos

Trachea

Interstitial-Cell Tumor

Unspecified

Inflammation, Acute/Chronic

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Glioma, Nos
Kidney	Glomerulonephritis, Nos
Liver	Metamorphosis, Fatty
Pituitary gland	Carcinoma, Nos
Prostate	Inflammation, Acute Focal
Testis	Degeneration, Nos
	Hyperplasia, Interstitial Cell
Trachea	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal Hyperplasia, Focal Metamorphosis, Fatty
Prostate		Inflammation, Acute Focal
Testis		Metaplasia, Squamous Degeneration, Nos
Trachea		Interstitial-Cell Tumor Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Intestine Large
Kidney
Liver

Cortex Nos
Aorta Nos
Colon

Bile Duct

Metamorphosis, Fatty
Mineralization
Parasitism
Glomerulonephritis, Nos
Hyperplasia, Focal
Hyperplasia, Focal
Metamorphosis, Fatty
Interstitial-Cell Tumor
Inflammation, Acute/Chronic
Inflammation, Acute/Chronic

Testis
Trachea
Unspecified

Adipose Tissue

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Metamorphosis, Fatty

Prostate

Inflammation, Acute Focal

Testis

Degeneration, Nos

Unspecified

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
Lymph node	Mediastinal Lymph Node	Hemorrhage
Spleen		Leiomyoma
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Harderian gland

Harderian Gland

Adenoma, Nos

Heart

Myocardium Nos

Fibrosis, Diffuse

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Metamorphosis, Fatty

Lung

Bronchus

Inflammation, Acute/Chronic

Prostate

Inflammation, Acute/Chronic

Skin

Cyst, Epidermal Inclusion

Fibroma

Dermis

Fibrosis

Testis

Degeneration, Nos

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Prostate

Skin

Testis

Trachea

Metamorphosis, Fatty

Glomerulonephritis, Nos

Inflammation, Acute

Squamous Cell Papilloma

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Intestine Large	Colon	Parasitism
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Pancreas	Islets	Islet-Cell Adenoma
		Metamorphosis, Fatty
Testis		Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Focal

Skin

Hyperplasia, Focal

Testis

Basal-Cell Carcinoma

Trachea

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Myocardium Nos

Fibrosis, Focal

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Metamorphosis, Fatty

Testis

Degeneration, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Focal
Testis		Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Coronary Artery Nos	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Pancreas		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute Focal
Skin		Fibroma
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Pancreas		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
		Metamorphosis, Fatty
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Renal Artery Nos

Hyperplasia, Focal

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Testis

Metamorphosis, Fatty

Degeneration, Nos

Trachea

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Atrophy, Nos

Heart

Myocardium Nos

Fibrosis, Myelo

Kidney

Fibrosis, Diffuse

Liver

Glomerulonephritis, Nos

Lymph node

Bile Duct

Hyperplasia, Focal

Testis

Mandibular Lymph Node

Hyperplasia, Nos

Trachea

Lymphangiectasis

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Myocardium Nos

Fibrosis, Diffuse

Kidney

Myocardium Nos

Inflammation, Focal

Liver

Glomerulonephritis, Nos

Hyperplasia, Focal

Prostate

Metamorphosis, Fatty

Inflammation, Acute Focal

Testis

Degeneration, Nos

Interstitial-Cell Tumor

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Focal

Pituitary gland

Hyperplasia, Focal

Prostate

Inflammation, Acute Focal

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Acute/Chronic

Unspecified

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Bile Duct

Pituitary gland

Prostate

Testis

Trachea

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Metamorphosis, Fatty

Adenoma, Nos

Inflammation, Acute Focal

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Erythropoiesis
Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Pituitary gland		Hemorrhage
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mandibular Lymph Node

Lymphangiectasis

Prostate

Mediastinal Lymph Node

Lymphangiectasis

Spleen

Inflammation, Acute Focal

Testis

Leukemia, Myelomonocytic

Thyroid

Degeneration, Nos

Trachea

Interstitial-Cell Tumor

C-Cell Adenoma

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Testis

Glomerulonephritis, Nos
Cyst, Nos
Degeneration, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Ganglioneuroma

Testis

Degeneration, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Kidney		Glomerulonephritis, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Myocardium Nos

Fibrosis, Diffuse

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Metamorphosis, Fatty

Lung

Bronchus

Bronchiectasis

Testis

Degeneration, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Intestine Large	Colon	Parasitism
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
		Metamorphosis, Fatty
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Nodular

Pituitary gland

Metamorphosis, Fatty

Testis

Hyperplasia, Focal

Trachea

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Prostate		Inflammation, Acute
Testis		Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Mammary gland		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Acute Focal
Testis		Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Prostate

Testis

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nodular

Metamorphosis, Fatty

Carcinoma, Nos

Inflammation, Acute

Degeneration, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
		Inflammation, Interstitial
	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascularitis
Mammary gland		Hyperplasia, Nos
Pancreas		Inflammation, Acute/Chronic
Prostate		Degeneration, Nos
		Inflammation, Acute
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Bone marrow		Hemorrhage
Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivasculitis
Pancreas		Inflammation, Acute/Chronic
Pituitary gland		Hyperplasia, Focal
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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	Degeneration, Nos
Kidney		Inflammation, Interstitial
	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute Focal
	Bile Duct	Inflammation, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Testis		Interstitial-Cell Tumor
Trachea		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Inflammation, Interstitial
	Glomerulus	Inflammation, Membranous
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivasculitis
Pancreas		Inflammation, Interstitial
Pituitary gland		Hyperplasia, Focal
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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	Degeneration, Nos
	Myocardium Nos	Inflammation, Focal
Kidney		Inflammation, Interstitial
	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute Focal
	Bile Duct	Inflammation, Nos
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascularitis
Testis		Interstitial-Cell Tumor
Trachea		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland
Heart
Kidney
Liver
Preputial gland
Spleen
Testis
Trachea

Myocardium Nos

Pheochromocytoma
Degeneration, Nos
Glomerulonephritis, Nos
Degeneration, Nos
Abscess, Nos
Hyperplasia, Lymphoid
Interstitial-Cell Tumor
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Acute/Chronic
Pituitary gland		Adenoma, Nos
		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Lung	Bronchiole	Inflammation, Acute/Chronic Perivascularitis
Pituitary gland		Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Perivasculitis
Kidney		Glomerulonephritis, Nos
Lung	Bronchiole	Hyperplasia, Lymphoid
Prostate		Degeneration, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Bone marrow		Hyperplasia, Hematopoietic
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Atrophy, Nos
Spleen		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland
Kidney
Lung
Pancreas
Pituitary gland
Prostate
Seminal vesicle

Testis
Trachea

Cortex Nos

Hyperplasia, Focal
Glomerulonephritis, Nos
Alveolar/Bronchiolar Adenoma
Inflammation, Nos
Hyperplasia, Focal
Degeneration, Nos
Atrophy, Nos
Hyperplasia, Papillary
Interstitial-Cell Tumor
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland

Kidney

Liver

Pituitary gland

Prostate

Seminal vesicle

Spleen

Testis

Trachea

Hepatocytes

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Focal

Degeneration, Nos

Atrophy, Nos

Congestion, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Degeneration, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Glomerulonephritis, Nos
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Focal
Seminal vesicle		Atrophy, Nos
Spleen		Hematopoiesis
	Capsule	Hemorrhage
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Bone marrow		Hyperplasia, Hematopoietic
Pancreas	Islets	Islet-Cell Adenoma
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Kidney		Glomerulonephritis, Nos
Pancreas	Acinus	Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Lung		Atelectasis
	Bronchiole	Bronchiolectasis
		Hyperplasia, Adenomatous
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate	Coagulating Gland	Atrophy, Nos
Salivary gland	Parotid Gland Nos	Inflammation, Interstitial
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung		Emphysema, Nos
	Bronchus	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
Prostate	Coagulating Gland	Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Skin	Head	Squamous Cell Carcinoma
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Seminal vesicle

Testis

Tubule

Atrophy, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

Dysplasia, Fibrous

Trachea

Unspecified

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Kidney
Liver
Lung
Pituitary gland

Myelopoiesis
Congestion, Nos
Congestion, Nos
Abscess, Nos
Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland		Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Prostate		Degeneration, Nos
		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Lung	Bronchiole	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate	Coagulating Gland	Atrophy, Nos
		Hyperplasia, Papillary
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Karyorrhexis
Brain	Cortex	Malacia
Esophagus		Inflammation, Acute Focal
Kidney	Glomerulus	Inflammation, Membranous
Prostate		Degeneration, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver		Degeneration, Nos
Lung		Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Nos
Prostate		Degeneration, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Centrilobular	Metamorphosis, Fatty
Lung	Bronchiole	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Seminal vesicle		Atrophy, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye		Cataract
		Synechia, Posterior
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Prostate		Degeneration, Nos
		Inflammation, Acute Focal
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung	Bronchiole	Hyperplasia, Lymphoid
Pituitary gland		Hyperplasia, Focal
Prostate		Degeneration, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Adenoma, Nos
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Brain	Cortex	Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Prostate		Degeneration, Nos
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Bone marrow		Hyperplasia, Hematopoietic
Kidney	Medulla	Cyst, Multiple
		Glomerulonephritis, Nos
Lung		Abscess, Nos
		Inflammation, Interstitial
Mammary gland		Hyperplasia, Nos
Prostate		Hyperplasia, Adenomatous
		Hyperplasia, Papillary
		Inflammation, Acute
Spleen		Myelopoiesis
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Bone marrow		Erythropoiesis
Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Lung	Bronchiole	Hyperplasia, Lymphoid
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Salivary gland	Submaxillary Gland Nos	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Lung		Inflammation, Interstitial
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic
Unspecified		Keloid

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
		Perivasculitis
Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute
Stomach		Hyperkeratosis
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung	Bronchiole	Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

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

Adrenal gland
Kidney
Liver
Pituitary gland
Prostate

Cortex Nos

Nodule
Glomerulonephritis, Nos
Hyperplasia, Focal
Adenoma, Nos
Degeneration, Nos
Inflammation, Acute
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Abscess, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Prostate

Seminal vesicle

Testis

Tubule

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Focal

Degeneration, Nos

Atrophy, Nos

Degeneration, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Pheochromocytoma

Lung

Glomerulonephritis, Nos

Prostate

Inflammation, Interstitial

Seminal vesicle

Atrophy, Nos

Testis

Inflammation, Acute

Trachea

Atrophy, Nos

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Testis

Pheochromocytoma, Malignant

Nephrosis, Nos

Pheochromocytoma, Metastatic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lymph node

Mammary gland

Testis

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Plasmacytosis

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Testis

Myocardium Nos

Pheochromocytoma, Malignant

Fibrosis, Focal

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Larynx

Lung

Testis

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Nephrosis, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Squamous Cell Carcinoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Brain

Hemorrhage

Kidney

Nephrosis, Nos

Liver

Metamorphosis, Fatty

Mammary gland

Lactation

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Calcification, Focal
Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Fibrosis, Cholangio
Mammary gland		Lactation
Testis		Atrophy, Nos
		Calcification, Focal
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Necrosis, Focal

Mammary gland

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Larynx

Lung

Testis

Nephrosis, Nos

Inflammation, Acute/Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Periarteritis
Kidney	Nephrosis, Nos
Larynx	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Testis	Atrophy, Nos
	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Larynx		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
	Pleura Nos	Alveolar/Bronchiolar Carcinoma, Metastatic
		Pneumonia, Chronic Murine
Prostate		Atrophy, Nos
Testis		Atrophy, Nos
		Calcification, Focal
		Interstitial-Cell Tumor
Unspecified	Mediastinum Nos	Alveolar/Bronchiolar Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Lung

Inflammation, Interstitial

Mammary gland

Hyperplasia, Nos

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Larynx		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Mammary gland		Lactation
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Nephrosis, Nos
Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
	Lactation
Pituitary gland	Basophil Adenoma
Testis	Atrophy, Nos
	Calcification, Focal
	Interstitial-Cell Tumor
Urinary bladder	Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Congestion, Chronic Passive
Mammary gland		Lactation
Preputial gland		Adenoma, Nos
Urinary bladder		Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
	Bronchus	Bronchiectasis
Pancreas	Duct Nos	Hyperplasia, Nos
		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hemosiderosis
		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Metamorphosis, Fatty
Lung		Bronchopneumonia, Acute
Skeletal muscle		Calcification, Focal
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Larynx		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Larynx

Lung

Pituitary gland

Prostate

Testis

Myocardium Nos

Basophil

Pheochromocytoma

Degeneration, Nos

Nephrosis, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Nodule

Atrophy, Nos

Atrophy, Nos

Calcification, Focal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Abscess, Nos
	Bronchus	Bronchiectasis
		Granuloma, Nos
Preputial gland		Carcinoma, Nos
Prostate		Atrophy, Nos
Seminal vesicle		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchus

Inflammation, Focal

Testis

Inflammation, Interstitial

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Nephrosis, Nos
Mammary gland	Lactation
Prostate	Atrophy, Nos
Testis	Atrophy, Nos
	Interstitial-Cell Tumor
Urinary bladder	Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Metamorphosis, Fatty
Mammary gland		Lactation
Skin	Tail	Necrosis, Nos
Stomach		Basal-Cell Carcinoma
		Cyst, Epidermal Inclusion
		Squamous Cell Papilloma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Larynx		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Basophil Adenoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Trachea

Pheochromocytoma

Nephrosis, Nos

Interstitial-Cell Tumor

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Thyroid

Trachea

Unspecified

Bronchus

Nephrosis, Nos

Bronchiectasis

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

Inflammation, Chronic

Cyst, Epidermal Inclusion

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Trachea

Unspecified

Nephrosis, Nos

Interstitial-Cell Tumor

Inflammation, Chronic

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Nephrosis, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Preputial gland		Carcinoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart
Kidney
Liver
Pituitary gland
Testis

Myocardium Nos

Fibrosis, Diffuse
Glomerulonephritis, Nos
Metamorphosis, Fatty
Hyperplasia, Focal
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Hyperplasia, Focal

Spleen

Hematopoiesis

Unspecified

Angiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pancreas

Testis

Thyroid

Islets

Nephrosis, Nos

Islet-Cell Adenoma

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Testis

Unspecified

Nephrosis, Nos

Hyperplasia, Focal

Metamorphosis, Fatty

Hyperplastic Nodule

Interstitial-Cell Tumor

Fibrosarcoma

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Trachea

Nephrosis, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:13

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

Thyroid

Follicular-Cell Carcinoma

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Testis

Trachea

Islets

Hyperplasia, Focal

Glomerulonephritis, Nos

Hyperplasia, Focal

Metamorphosis, Fatty

Islet-Cell Adenoma

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Bronchus

Bronchiectasis

Bronchus

Hyperplasia, Lymphoid

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Lung		Fibrosis, Diffuse
		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Focal
Spleen		Atrophy, Nos
		Fibrosis
		Hyperplasia, Reticulum Cell
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Trachea

Unspecified

Bronchus

Bronchus

Nephrosis, Nos

Bronchiectasis

Hyperplasia, Lymphoid

Interstitial-Cell Tumor

Inflammation, Chronic

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

DOSE: 200 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Testis

Thyroid

Trachea

Nephrosis, Nos

Metamorphosis, Fatty

Scar

Interstitial-Cell Tumor

Hyperplasia, Follicular Cell

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Fibrosis, Diffuse
	Bronchus	Hyperplasia, Lymphoid
		Hyperplasia, Nos
Skin		Collagen Disease
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Hepatocellular Carcinoma

Lung

Fibrosarcoma, Metastatic

Salivary gland

Fibrosarcoma, Metastatic

Testis

Interstitial-Cell Tumor

Unspecified

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Necrosis, Diffuse

Lung

Inflammation, Interstitial

Spleen

Erythropoiesis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Spleen

Nephrosis, Nos

Atrophy, Nos

Fibrosis

Hemorrhage

Testis

Unspecified

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Trachea

Nephrosis, Nos

Interstitial-Cell Tumor

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Kidney

Aorta Nos
Tubule

Calcification, Medial
Calcification, Nos
Nephrosis, Hydro
Nephrosis, Nos
Adenocarcinoma, Nos
Hemosiderosis
Calcification, Nos
Calcification, Nos
Interstitial-Cell Tumor

Prostate
Spleen
Stomach

Testis

Mucosa
Muscularis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Acute
Testis		Hyperplasia, Interstitial Cell
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney
Testis
Trachea
Unspecified

Pulmonary Artery Nos

Calcification, Medial
Nephrosis, Nos
Interstitial-Cell Tumor
Inflammation, Chronic
Fibroma
Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Hepatocellular Carcinoma

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

Unspecified

Body Cavities

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Tubule

Trachea

Unspecified

Multiple Organs Nos

Nephrosis, Nos

Degeneration, Nos

Interstitial-Cell Tumor

Inflammation, Chronic

Fibroma

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Inflammation, Interstitial

Mammary gland

Adenocarcinoma, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pancreas

Testis

Pheochromocytoma

Nephrosis, Nos

Periarteritis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Metamorphosis, Fatty

Testis

Hyperplasia, Interstitial Cell

Trachea

Interstitial-Cell Tumor

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Anterior Mediastinal Artery

Calcification, Medial

Aorta Nos

Calcification, Medial

Mesenteric Artery Nos

Calcification, Medial

Splenic Artery

Calcification, Medial

Heart

Myocardium Nos

Calcification, Nos

Kidney

Calcification, Nos

Nephrosis, Nos

Lung

Alveoli

Calcification, Nos

Stomach

Mucosa

Calcification, Nos

Muscularis

Calcification, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Metamorphosis, Fatty

Parathyroid gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Spleen

Testis

Trachea

Centrilobular

Nephrosis, Nos

Necrosis, Nos

Hematoma, Nos

Interstitial-Cell Tumor

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

Urinary bladder

Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Trachea

Nephrosis, Nos

Interstitial-Cell Tumor

C-Cell Carcinoma

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Intestine Small

Kidney

Testis

Duodenum

Tubule

Pheochromocytoma

Adenocarcinoma, Nos

Nephrosis, Nos

Degeneration, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Unspecified

Bronchus

Nephrosis, Nos

Bronchiectasis

Interstitial-Cell Tumor

Fibroma

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Trachea

Nephrosis, Nos

Interstitial-Cell Tumor

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Parasitism
Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cyst, Thyroglossal Duct

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Inflammation, Interstitial

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

Unspecified

Leg

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01865

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dinitrotoluene

CAS Number: 121-14-2

Date Report Requested: 10/26/2014

Time Report Requested: 13:41:14

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

Trachea

Inflammation, Chronic

Unspecified

Lipoma

Body Cavities

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****