

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: 17:04:09

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: Female

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Nos
Intestine Small	Ileum	Hyperplasia, Lymphoid
Kidney	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Focal
Pancreas		Inflammation, Acute/Chronic
Pituitary gland		Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Renal Artery Nos	Thrombosis, Nos
Heart		Periarteritis
Kidney		Inflammation, Interstitial
	Glomerulus	Inflammation, Membranous
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascularitis
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Nos

Lung

Bronchiole

Lymphocytic Inflammatory Infiltrate

Trachea

Perivasculitis

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Glomerulus	Inflammation, Membranous
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Lymph node	Pancreatic Lymph Node	Hyperplasia, Nos
Ovary		Cyst, Parovarian
Pancreas		Inflammation, Interstitial
Pituitary gland		Hyperplasia, Focal
Thyroid		Lymphocytic Inflammatory Infiltrate
Trachea		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Trachea

Myocardium Nos

Glomerulus

Bronchiole

Pheochromocytoma

Inflammation, Acute/Chronic

Inflammation, Membranous

Lymphocytic Inflammatory Infiltrate

Perivasculitis

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal Hyperplasia, Focal Hyperplasia, Reticulum Cell Necrosis, Focal
Lung	Bronchus	Inflammation, Acute Focal
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart
Intestine Large
Liver
Mammary gland
Uterus

Myocardium Nos
Colon

Endometrium

Fibrosis, Diffuse
Parasitism
Hyperplasia, Focal
Galactocele
Endometrial Stromal Polyp
Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Mammary gland

Pancreas

Trachea

Pheochromocytoma

Hyperplasia, Nodular

Fibroadenoma

Inflammation, Interstitial

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Pituitary gland

Adenoma, Nos

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrium

Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Mammary gland

Hyperplasia, Focal

Fibroadenoma

Intraductal 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Liver

Mammary gland

Pituitary gland

Trachea

Unspecified

Uterus

Colon

Parasitism

Hyperplasia, Focal

Metamorphosis, Fatty

Fibroadenoma

Galactocele

Hyperplasia, Nos

Adenoma, Nos

Inflammation, Acute/Chronic

Adenocarcinoma, Nos

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Inflammation, Acute/Chronic
	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Focal
Mammary gland		Galactocele
		Hyperplasia, Nos
Pancreas		Inflammation, Acute/Chronic
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Cyst, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Thyroid

Uterus

Endometrium

Fibroadenoma

Adenoma, Nos

C-Cell Adenoma

Inflammation, Acute 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
Pancreas		Inflammation, Acute/Chronic
Uterus	Endometrium	Cyst, Nos
		Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Focal

Trachea

Hyperplasia, Focal

Uterus

Inflammation, Acute/Chronic

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Stomach		Squamous Cell Papilloma
Uterus	Endometrium	Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Pituitary gland

Adenoma, Nos

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrium

Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Pituitary gland

Adenoma, Nos

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
		Hyperplasia, Nodular
Lung	Pleura Nos	Inflammation, Acute/Chronic
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Pituitary gland

Adenoma, Nos

Uterus

Endometrium

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland

Bile Duct

Hyperplasia, Nos
Galactocele
Inflammation, Acute
Adenoma, Nos

Pituitary gland

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Liver

Bile Duct

Lung

Pituitary gland

Postmortem Change

Hyperplasia, Focal

Hyperplasia, Nos

Metamorphosis, Fatty

Congestion, Nos

Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Focal

Lung

Congestion, Nos

Mammary gland

Hyperplasia, Nos

Pituitary gland

Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung		Inflammation, Focal
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Cyst, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Pituitary gland

Adenoma, Nos

Thyroid

Adenoma, Nos

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrial Stromal Polyp

Endometrium

Hydrometra

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Intestine Large	Colon	Parasitism
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Uterus	Endometrium	Endometrial Stromal Polyp Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Glomerulonephritis, Nos

Pituitary gland

Bile Duct

Hyperplasia, Focal

Trachea

Hyperplasia, Nos

Adenoma, Nos

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Focal
Mammary gland		Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Mammary gland

Metamorphosis, Fatty

Fibroadenoma

Galactocele

Pituitary gland

Hyperplasia, Nos

Adenoma, Nos

Stomach

Inflammation, Acute Focal

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrium

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pancreas

Inflammation, Acute/Chronic

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Focal

Hyperplasia, Focal

Metamorphosis, Fatty

Thymus

Hyperplasia, Reticulum 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp
	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Mammary gland

Trachea

Metamorphosis, Fatty

Hyperplasia, Focal

Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Focal

Mammary gland

Hyperplasia, Nodular

Pituitary gland

Fibroadenoma

Uterus

Endometrium

Hyperplasia, Nos

Carcinoma, Nos

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
Unspecified		Hyperplasia, Focal
Uterus	Endometrium	Lymphoma, Histiocytic-Malignant Type
		Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Uterus

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart
Kidney
Liver
Mammary gland

Myocardium Nos

Fibrosis, Diffuse
Glomerulonephritis, Nos
Hyperplasia, Focal
Fibroadenoma
Galactocele
Hyperplasia, Nos
Carcinoma, Nos
C-Cell Adenoma
Inflammation, Acute/Chronic
Inflammation, Acute

Pituitary gland
Thyroid
Trachea
Uterus

Endometrium

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos

Metamorphosis, Fatty
Glomerulonephritis, Nos
Hyperplasia, Focal
Metamorphosis, Fatty

Pituitary gland
Uterus

Adenoma, Nos
Endometrial Stromal Polyp
Hyperplasia, Cystic

Endometrium

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Kidney

Mammary gland

Trachea

Uterus

Myocardium Nos

Hyperplasia, Papillary

Inflammation, Interstitial

Glomerulonephritis, Nos

Galactocele

Hyperplasia, Nos

Inflammation, Acute/Chronic

Hydrometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Glomerulonephritis, Nos
Liver	Hyperplasia, Focal
	Hyperplasia, Nodular
Mammary gland	Fibroadenoma
	Hyperplasia, Nos
	Papillary Cystadenocarcinoma Nos
Pituitary gland	Adenoma, Nos
Trachea	Inflammation, Acute/Chronic
Uterus	Endometrium
	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
Mammary gland		Hyperplasia, Nos
Ovary		Cyst, Nos
Pituitary gland		Cyst, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Focal

Mammary gland

Metamorphosis, Fatty

Fibroadenoma

Hyperplasia, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Postmortem Change

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Focal

Liver

Hyperplasia, Focal

Pituitary gland

Metamorphosis, Fatty

Trachea

Adenoma, Nos

Uterus

Inflammation, Acute/Chronic

Endometrium

Endometrial Stromal Polyp

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Focal
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Mammary gland

Metamorphosis, Fatty
Galactocele
Hyperplasia, Nos

Pituitary gland
Trachea
Uterus

Cyst, Nos
Inflammation, Acute/Chronic
Endometrial Stromal Polyp
Inflammation, Acute

Endometrium

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Cornea	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Metamorphosis, Fatty
Mammary gland		Galactocele
		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Leukemia, Nos
Uterus	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 75 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Acute/Chronic

Kidney

Glomerulonephritis, Focal

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Pancreas

Inflammation, Acute/Chronic

Uterus

Endometrium

Hyperplasia, Cystic

Endometrium

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Hemorrhage
Inflammation, Interstitial
Inflammation, Membranous
Lymphocytic Inflammatory Infiltrate
Inflammation, Acute/Chronic
Hyperplasia, Cystic

Lung
Trachea
Uterus

Glomerulus

Bronchiole

Endometrium

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large

Colon

Ulcer, Focal

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Acute/Chronic

Lung

Bronchiole

Lymphocytic Inflammatory Infiltrate

Perivascularitis

Pituitary gland

Adenoma, Nos

Trachea

Lymphocytic Inflammatory Infiltrate

Uterus

Fallopian Tube

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney	Glomerulus	Inflammation, Membranous
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Pancreas		Inflammation, Interstitial
Trachea		Lymphocytic Inflammatory Infiltrate
Uterus		Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Perivasculitis Sclerosis
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivasculitis
Ovary		Hyperplasia, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascularitis
Pancreas		Inflammation, Interstitial
Pituitary gland		Adenoma, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung	Bronchiole	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Pituitary gland		Hyperplasia, Focal
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Lung	Bronchiole	Inflammation, Nos
		Perivasculitis
Pituitary gland		Adenoma, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic
Uterus		Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Periarteritis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Pituitary gland
Trachea
Uterus

Cortex Nos

Endometrium

Hyperplasia, Focal
Glomerulonephritis, Nos
Perivasculitis
Adenoma, Nos
Inflammation, Acute/Chronic
Carcinoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Glomerulonephritis, Nos

Mammary gland

Hyperplasia, Focal

Pituitary gland

Fibroadenoma

Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Focal Metamorphosis, Fatty
Lung	Bronchiole	Inflammation, Nos Perivasculitis
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Heart

Myocardium Nos

Hypoplasia, Nos
Inflammation, Focal
Perivasculitis
Necrosis, Coagulative
Galactocele
Adenoma, Nos

Liver
Mammary gland
Pituitary gland

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver	Hepatocytes	Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Pituitary gland		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Hypertrophy, Nos
	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung	Bronchiole	Inflammation, Acute/Chronic
		Perivasculitis
Pituitary gland		Adenoma, Nos
		Hyperplasia, Focal
Thyroid		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung	Bronchiole	Metamorphosis, Fatty
Mammary gland		Inflammation, Nos
Pituitary gland		Perivasculitis
		Hyperplasia, Cystic
		Adenoma, Nos
Uterus		Hyperplasia, Focal
		Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Cortex

Necrosis, Focal
Cyst, Nos
Glomerulonephritis, Nos
Hyperplasia, Diffuse
Hypertrophy, Nos

Liver

Hypertrophy, Focal

Pituitary gland

Necrosis, Focal

Spleen

Leukemia, Myelomonocytic

Uterus

Endometrial Stromal Polyp

Hydrometra

Endometrium

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Inflammation, Membranous
Liver	Bile Duct	Inflammation, With Fibrosis
Lung	Alveoli	Epithelialization
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland		Adenoma, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty
Nodule

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Mammary gland

Galactocele

Trachea

Papillary Cystadenoma, Nos

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Nodule

Heart

Cortex Nos

Pigmentation, Nos

Kidney

Myocardium Nos

Inflammation, Acute/Chronic

Lung

Glomerulonephritis, Nos

Mammary gland

Perivasculitis

Pituitary gland

Fibroadenoma

Uterus

Adenoma, Nos

Endometrial Stromal Polyp

Endometrium

Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Cortex Nos
Glomerulus
Bronchiole

Hemorrhage
Inflammation, Membranous
Lymphocytic Inflammatory Infiltrate
Perivasculitis
Fibroadenoma
Inflammation, Acute/Chronic

Mammary gland
Trachea

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Heart

Periarteritis

Lung

Bronchiole

Lymphocytic Inflammatory Infiltrate

Skin

Perivasculitis

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Nos
Liver		Hyperplasia, Focal
Lung	Bronchiole	Inflammation, Nos
		Perivasculitis
Pituitary gland		Hyperplasia, Focal
Skin		Fibroma
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Mammary gland

Thyroid

Trachea

Uterus

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Inflammation, Interstitial

Galactocele

Hyperplasia, Focal

Inflammation, Acute/Chronic

Endometrial Stromal Polyp

Hydrometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Hemorrhage
Lung	Metamorphosis, Fatty
Mammary gland	Squamous Cell Carcinoma
Spleen	Galactocele
Trachea	Hematopoiesis
	Polyp, Inflammatory

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Nos
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Cortex Nos

Hyperplasia, Focal
Nodule

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Hypertrophy, Nos
Kidney	Glomerulus	Inflammation, Membranous
Lung	Bronchus	Bronchiectasis

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung	Bronchus	Bronchiectasis
	Bronchus	Fibrosis
	Bronchiole	Hyperplasia, Lymphoid
		Inflammation, Interstitial
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Focal
Vagina		Fibrosarcoma
		Lymphangiosarcoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung

Cortex Nos

Hyperplasia, Focal
Glomerulonephritis, Nos
Hyperplasia, Focal
Inflammation, Interstitial
Perivasculitis

Pancreas
Uterus

Acinus

Atrophy, Focal
Endometrial Stromal Polyp
Hyperplasia, Cystic

Endometrium

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Glomerulonephritis, Nos

Pancreas

Acinus

Degeneration, Granular

Islets

Islet-Cell Adenoma

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Ear

Canal

Hyperplasia, Focal

Kidney

Fibrosarcoma

Liver

Glomerulonephritis, Nos

Lung

Bronchiole

Hyperplasia, Focal

Pituitary gland

Inflammation, Acute/Chronic

Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Ovary		Cyst, Nos
Pancreas	Islets	Islet-Cell Adenoma
Uterus	Endometrium	Endometrial Stromal Polyp
	Fallopian Tube	Inflammation, Acute
		Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma
Pituitary gland		Carcinoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Lung

Mammary gland

Bronchiole

Glomerulonephritis, Nos

Inflammation, Acute/Chronic

Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Kidney

Liver

Ovary

Uterus

Endometrium

Abscess, Nos

Glomerulonephritis, Nos

Hyperplasia, Focal

Cyst, Nos

Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Medulla

Degeneration, Nos
Hyperplasia, Focal
Glomerulonephritis, Nos

Kidney

Liver

Pancreas

Trachea

Uterus

Acinus

Hyperplasia, Focal
Atrophy, Nos
Inflammation, Acute/Chronic
Endometrial Stromal Polyp
Inflammation, Acute

Endometrium

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pituitary gland

Uterus

Endocardium Nos

Bronchiole

Pheochromocytoma

Inflammation, Acute/Chronic

Glomerulonephritis, Nos

Inflammation, Acute/Chronic

Hyperplasia, Focal

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Pituitary gland

Spleen

Thyroid

Trachea

Uterus

Endometrium

Glomerulonephritis, Nos

Necrosis, Focal

Fibroadenoma

Galactocele

Adenoma, Nos

Congestion, Nos

C-Cell Adenoma

Inflammation, Acute/Chronic

Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Inflammation, Acute/Chronic
Lung		Perivasculitis
Skin		Fibroadenoma
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nodular

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Uterus

Endometrium

Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 0

SEX: Female
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

Trachea

Metamorphosis, Fatty

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Uterus

Glomerulonephritis, Nos

Hyperplasia, Focal

Fibroadenoma

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal
Nodule

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Lung

Bronchiole

Inflammation, Acute/Chronic

Ovary

Cyst, Nos

Pancreas

Acinus

Atrophy, Nos

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Ovary		Cyst, Nos
Pancreas		Atrophy, Nos
Pituitary gland		Adenoma, Nos
Uterus	Endometrium	Inflammation, Acute
	Fallopian Tube	Retention Fluid

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Mammary gland		Papillary Cystadenoma, Nos
Pituitary gland		Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Vagina		Polyp, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Larynx

Liver

Mammary gland

Pituitary gland

Nephrosis, Nos

Inflammation, Chronic

Neoplastic Nodule

Lactation

Chromophobe 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
		Hydrocephalus, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Metamorphosis, Fatty
Mammary gland		Lactation
Pituitary gland		Chromophobe Adenoma
Spleen		Hematoma, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Lung	Pneumonia, Chronic Murine
Mammary gland	Adenocarcinoma, Nos
Uterus	Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Granuloma, Foreign Body

Pneumonia, Chronic Murine

Mammary gland

Lactation

Pituitary gland

Hyperplasia, Focal

Thyroid

C-Cell Adenoma

Follicle

Papillary Cystadenocarcinoma 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Spleen

Uterus

Nephrosis, Nos

Congestion, Chronic Passive

Lactation

Hematopoiesis

Endometrial Stromal Polyp

Pyometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Uterus

Fallopian Tube

Nephrosis, Nos

Adenoma, Nos

Endometrial Stromal Polyp

Inflammation, Acute

Pyometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Spleen

Hyperplasia, Erythroid

Thyroid

Hyperplasia, Hematopoietic

Hyperplasia, C 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Necrosis, Nos
Larynx		Inflammation, Acute/Chronic
Mammary gland		Adenocarcinoma, Nos
		Lactation
Spleen		Hematopoiesis
Uterus	Fallopian Tube	Abscess, Nos
		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic
	Endometrium	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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Mammary gland

Ovary

Skin

Thyroid

Pheochromocytoma, Malignant

Cytoplasmic Change, Basophilic

Pneumonia, Chronic Murine

Lactation

Cyst, Nos

Sebaceous Adenocarcinoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Ovary

Pituitary gland

Spleen

Uterus

Pyelonephritis, Chronic

Cytoplasmic Change, Basophilic

Cyst, Nos

Chromophobe Adenoma

Hematopoiesis

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Kidney

Lung

Mammary gland

Pituitary gland

Thyroid

Pheochromocytoma

Calcification, Focal

Nephrosis, Nos

Calcification, Focal

Pneumonia, Chronic Murine

Lactation

Chromophobe Adenoma

Hyperplasia, C 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Mammary gland

Calcification, Focal

Metamorphosis, Fatty

Alveolar/Bronchiolar Adenoma

Infiltrating Duct 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Pituitary gland

Nephrosis, Nos

Fibroadenoma

Lactation

Chromophobe 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Lung

Inflammation, Interstitial

Mammary gland

Hyperplasia, Nos

Pituitary gland

Chromophobe Adenoma

Spleen

Hemosiderosis

Hyperplasia, Erythroid

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Lung		Pneumonia, Chronic Murine
Thyroid		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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Pyelonephritis, Acute

Mammary gland

Pneumonia, Chronic Murine

Fibroadenoma

Ovary

Galactocele

Cyst, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Spleen		Hemosiderosis
		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Larynx		Inflammation, Chronic
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland		Cyst, Hemorrhagic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Liver

Unspecified

Uterus

Multiple Organs Nos

Pheochromocytoma

Hyperplasia, Hematopoietic

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Leukemia, Undifferentiated

Pyometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Larynx		Inflammation, Chronic
Liver		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_001

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Alveolar/Bronchiolar Adenoma

Trachea

Inflammation, Chronic

Unspecified

Ear

Squamous Cell Carcinoma

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_002

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Trachea

Nephrosis, Nos
Fibroadenoma
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_003

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Liver

Hyperplasia, Focal

Uterus

Endometrium

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Mammary gland

Fibroadenoma

Trachea

Inflammation, Chronic

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_005

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Unspecified

Multiple Organs Nos

Fibroadenoma

Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_006

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_007

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Trachea

Nephrosis, Nos

Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4

DOSE: 200 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Spleen

Trachea

Uterus

Nephrosis, Nos

Metamorphosis, Fatty

Bronchopneumonia, Acute

Erythropoiesis

Inflammation, Chronic

Fibrosis

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_009

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lymph node

Mandibular Lymph Node

Hyperplasia, Nos

Spleen

Mesenteric Lymph Node

Hyperplasia, Nos

Uterus

Hematopoiesis

Pyometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_010

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Trachea
Unspecified

Multiple Organs Nos

Nephrosis, Nos
Adenoma, Nos
Inflammation, Chronic
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nasal cavity

Pituitary gland

Trachea

Uterus

Septum Nos

Nephrosis, Nos

Inflammation, Chronic

Adenoma, Nos

Inflammation, Chronic

Endometrial Stromal Polyp

Hydrometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_012

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_013

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Thyroid
Unspecified

Nephrosis, Nos
Fibroadenoma
C-Cell Carcinoma
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_014

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland

Nephrosis, Nos
Adenocarcinoma, Nos
Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Trachea

Nephrosis, Nos
Fibroadenoma
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Spleen

Erythropoiesis

Thyroid

C-Cell Adenoma

Unspecified

Collagen Disease

Uterus

Endometrium

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Hyperplasia, Focal

Pituitary gland

Metamorphosis, Fatty

Trachea

Adenoma, Nos

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_019

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Uterus

Nephrosis, Nos
Fibroadenoma
Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_020

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Thyroid

Uterus

Myocardium Nos

Endometrium

Cortical Adenoma

Osteosclerosis

Degeneration, Nos

Nephrosis, Nos

Metamorphosis, Fatty

Fibroadenoma

Adenoma, Nos

Hyperplasia, C Cell

Hyperplasia, Adenomatous

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_021

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_022

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland

Nephrosis, Nos
Fibroadenoma
Hyperplasia, Cystic
Adenoma, Nos

Pituitary gland

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_023

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Carcinoma, Nos

Trachea

Inflammation, Chronic

Uterus

Endometrium

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_024

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Uterus

Nephrosis, Nos
Fibroadenoma
Endometrial Stromal Polyp
Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_025

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Pituitary gland

Adenoma, Nos

Trachea

Inflammation, Chronic

Uterus

Endometrium

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Trachea

Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_027

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Uterus

Endometrium

Nephrosis, Nos

Endometrial Stromal Polyp

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_028

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Hyperplasia, Adenomatous

Mammary gland

Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_029

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Intestine Large	Colon	Parasitism
Liver		Hyperplasia, Focal
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_030

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Nephrosis, Nos
Liver	Metamorphosis, Fatty
Ovary	Cyst, Nos
Pituitary gland	Adenoma, Nos
Thyroid	C-Cell Carcinoma
Trachea	Inflammation, Chronic
Uterus	Hydrometra

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_031

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Thyroid

Unspecified

Nephrosis, Nos

C-Cell Carcinoma

Fibroma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_032

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Mammary gland

Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_033

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_034

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephrosis, Nos

Thyroid

C-Cell Carcinoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_035

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephrosis, Nos

Mammary gland

Fibroadenoma

Uterus

Endometrium

Hyperplasia, Cystic

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_036

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

Trachea

Inflammation, Chronic

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_037

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Pituitary gland
Trachea

Nephrosis, Nos
Fibroadenoma
Adenoma, Nos
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_038

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Inflammation, Chronic Diffuse

Bile Duct

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Lung

Pleura Nos

Hyperplasia, Adenomatous

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Mammary gland

Fibroadenoma

Uterus

Endometrium

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_041

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Uterus

Endometrial Stromal Polyp

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Liver

Uterus

Myocardium Nos

Endometrium

Squamous Cell Papilloma

Inflammation, Acute/Chronic

Hyperplasia, Focal

Endometrial Stromal Polyp

Hydrometra

Inflammation, Acute

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_043

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Liver
Pituitary gland
Spleen

Nephrosis, Nos
Neoplastic Nodule
Adenoma, Nos
Atrophy, Nos
Hemosiderosis

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Liver

Hepatocellular Carcinoma

Mammary gland

Fibroadenoma

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Uterus

Endometrium

Nephrosis, Nos

Cyst, Multiple

Hyperplasia, Adenomatous

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_046

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Mammary gland

Hyperplasia, Cystic

Pituitary gland

Adenoma, 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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_047

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Trachea

Nephrosis, Nos
Fibroadenoma
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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_048

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Uterus

Endometrium

Hyperplasia, Cystic

Endometrium

Inflammation, Suppurative

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_049

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Trachea

Nephrosis, Nos

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: 17:04:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_050

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Pituitary gland
Thyroid

Nephrosis, Nos
Fibroadenoma
Adenoma, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE