

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

C Number: C01843

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Abscess, Nos

Bronchus

Bronchiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Mammary gland

Pituitary gland

Stomach

Uterus

Bronchus

Endometrium

Endometrium

Lipoma

Metamorphosis, Fatty

Necrosis, Hemorrhagic

Abscess, Nos

Bronchiectasis

Fibrosarcoma

Galactocele

Adenoma, Nos

Ulcer, Focal

Hyperplasia, Cystic

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Hyperplasia, Nos

Pancreas

Inflammation, Acute/Chronic

Uterus

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Trachea

Pneumonia, Chronic Murine

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Lung

Alveolar/Bronchiolar Adenoma

Pancreas

Inflammation, Acute/Chronic

Skin

Fibroma

Trachea

Squamous Cell Papilloma

Uterus

Endometrium

Inflammation, Acute/Chronic

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Kidney

Glomerulonephritis, Focal

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Thyroid

Inflammation, Acute/Chronic

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Neoplastic Nodule
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Nematodiasis
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Interstitial
Mammary gland		Hyperplasia, Nos
Trachea		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver		Necrosis, Diffuse
Unspecified	Multiple Organs Nos	Postmortem Change
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Necrosis, Hemorrhagic
Liver	Centrilobular	Metamorphosis, Fatty
Mammary gland		Galactocele
		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Uterus

Endometrium

Necrosis, Focal

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Nos

Pancreas

Atrophy, Focal

Uterus

Inflammation, Acute/Chronic

Endometrium

Endometrial Stromal Polyp

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung
Mammary gland

Edema, Nos
Galactocele
Hyperplasia, Nos

Pituitary gland
Uterus

Endometrium

Adenoma, Nos
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Myocardium Nos

Fibrosis, Focal

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Metamorphosis, Fatty

Mammary gland

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Uterus

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Focal
Pituitary gland		Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Mammary gland

Ovary

Pituitary gland

Unspecified

Uterus

Cortex Nos

Myocardium Nos

Multiple Organs Nos

Endometrium

Metamorphosis, Fatty

Fibrosis

Fibroadenoma

Galactocele

Abscess, Nos

Adenoma, Nos

Leukemia, Myelomonocytic

Endometrial Stromal Polyp

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Mammary gland

Pituitary gland

Trachea

Cortical Carcinoma

Glomerulonephritis, Focal

Cytoplasmic Change, Basophilic

Galactocele

Hyperplasia, Nos

Adenoma, Nos

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Lung	Bronchus	Bronchiectasis
Uterus		Endometrial Stromal Polyp
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Trachea

Uterus

Endocardium Nos

Endometrium

Cyst, Hemorrhagic

Inflammation, Acute/Chronic

Cytoplasmic Change, Basophilic

Hepatocellular Carcinoma

Inflammation, Acute/Chronic

Endometrial Stromal Polyp

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Intestine Large	Colon	Nematodiasis
Liver		Cytoplasmic Change, Basophilic
Pancreas		Inflammation, Acute/Chronic
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute
	Fallopian Tube	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Unspecified

Multiple Organs Nos

Edema, Nos

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Lung

Inflammation, Focal

Mammary gland

Galactocele

Spleen

Hyperplasia, Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Liver

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

Multiple Organs Nos

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Kidney

Glomerulonephritis, Focal

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Pituitary gland
Trachea
Uterus

Cortex Nos

Endometrium

Angiectasis
Glomerulonephritis, Nos
Cytoplasmic Change, Basophilic
Adenoma, Nos
Inflammation, Acute/Chronic
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Lung

Bronchus

Bronchiectasis

Uterus

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Adenoma, Nos

Galactocele

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrial Stromal Polyp

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Hyperplasia, Nos
Pancreas	Inflammation, Acute/Chronic
Pituitary gland	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
		Hyperplasia, Nos
Trachea		Metaplasia, Squamous
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Angiectasis
Heart	Cardiac Valve	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
		Metamorphosis, Fatty
Pancreas		Atrophy, Focal
	Islets	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Pituitary gland		Hyperplasia, Focal
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Kidney		Glomerulonephritis, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Liver
Thyroid
Trachea

Cortex Nos
Colon

Metamorphosis, Fatty
Nematodiasis
Cytoplasmic Change, Basophilic
C-Cell Adenoma
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Galactocele

Pituitary gland

Hyperplasia, Nos

Trachea

Adenoma, Nos

Uterus

Endometrium

Inflammation, Acute/Chronic

Endometrium

Hyperplasia, Cystic

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Mammary gland

Glomerulonephritis, Nos

Fibroadenoma

Galactocele

Hyperplasia, Nos

Thyroid

C-Cell Carcinoma

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Unspecified

Metamorphosis, Fatty

Multiple Organs Nos

Fibroma

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Liver

Cytoplasmic Change, Basophilic

Skin

Ear

Fibrosarcoma

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Squamous Cell Carcinoma, Metastatic

Liver

Metamorphosis, Fatty

Lung

Necrosis, Focal

Pancreas

Squamous Cell Carcinoma

Uterus

Hyperplasia, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Lung

Abscess, Nos

Bronchus

Bronchiectasis

Bronchus

Polyp, Inflammatory

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Liver

Cortex Nos

Metamorphosis, Fatty

Trachea

Cytoplasmic Change, Basophilic

Uterus

Inflammation, Acute/Chronic

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Diffuse
Liver		Cytoplasmic Change, Basophilic
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Nos
Trachea		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 45 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Trachea

Glomerulonephritis, Nos

Cytoplasmic Change, Basophilic

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Unspecified

Multiple Organs Nos

Multiple Organs Nos

Metamorphosis, Fatty

Leukemia, Myelomonocytic

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Fibrosarcoma, Metastatic
Liver		Fibrosarcoma, Metastatic
		Metamorphosis, Fatty
Lung		Fibrosarcoma, Metastatic
Mammary gland		Hyperplasia, Nos
Skeletal muscle	Neck	Fibrosarcoma, Metastatic
Skin		Fibrosarcoma
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Galactocele

Trachea

Inflammation, Acute/Chronic

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Pancreas

Inflammation, Acute/Chronic

Uterus

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Cortex Nos

Metamorphosis, Fatty

Kidney

Myocardium Nos

Fibrosis

Liver

Glomerulonephritis, Focal

Mammary gland

Cytoplasmic Change, Basophilic

Pancreas

Adenocarcinoma, Nos

Pituitary gland

Inflammation, Focal

Trachea

Adenoma, Nos

Uterus

Inflammation, Acute/Chronic

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Uterus

Parovarian

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Interstitial
Mammary gland		Fibroadenoma
		Galactocele
		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Galactocele

Pituitary gland

Adenoma, Nos

Uterus

Fallopian Tube

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Lung

Alveolar/Bronchiolar Adenoma

Mammary gland

Fibroadenoma

Pancreas

Galactocele

Thymus

Inflammation, Focal

Trachea

Cyst, Nos

Unspecified

Multiple Organs Nos

Inflammation, Acute/Chronic

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Mammary gland

Trachea

Cytoplasmic Change, Basophilic

Galactocele

Hyperplasia, Nos

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Metamorphosis, Fatty
Skin		Fibrosarcoma
Spleen		Leukemia, Myelomonocytic
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Focal
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Nos
Ovary		Cyst, Nos
Pituitary gland		Adenoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

Uterus

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Lung

Alveolar/Bronchiolar Adenoma

Mammary gland

Hyperplasia, Nos

Uterus

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
		Hyperplasia, Nos
Salivary gland	Parotid Gland Nos	Hyperplasia, Focal
Uterus		Endometrial Stromal Polyp
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Kidney

Glomerulonephritis, Focal

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Galactocele

Pituitary gland

Hyperplasia, Nos

Trachea

Adenoma, Nos

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney
Liver

Coronary Artery Nos

Inflammation, Acute/Chronic
Glomerulonephritis, Nos
Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos
Metamorphosis, Fatty

Mammary gland

Galactocele
Hyperplasia, Nos

Uterus

Endometrium
Endometrium
Fallopian Tube

Carcinoma, Nos
Inflammation, Acute
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Mammary gland

Cortex Nos
Myocardium Nos

Metamorphosis, Fatty
Inflammation, Acute/Chronic
Glomerulonephritis, Nos
Cytoplasmic Change, Basophilic
Fibroadenoma
Galactocele
Hyperplasia, Nos
Inflammation, Acute
Adenoma, Nos
Inflammation, Acute/Chronic
Endometrial Stromal Polyp
Inflammation, Acute

Pituitary gland
Trachea
Uterus

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Pancreas		Inflammation, Acute/Chronic
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute
	Endometrium	Inflammation, Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Galactocele

Uterus

Endometrium

Hyperplasia, Nos

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Intestine Large	Colon	Nematodiasis
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Galactocele
Pancreas		Inflammation, Focal
Uterus	Endometrium	Endometrial Stromal Polyp
		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Spleen

Hematopoiesis

Uterus

Leiomyosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland		Adenoma, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Ganglioneuroma

Liver

Pheochromocytoma

Lung

Cytoplasmic Change, Basophilic

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Mammary gland

Trachea

Periarteritis

Glomerulonephritis, Nos

Cytoplasmic Change, Basophilic

Metamorphosis, Fatty

Hyperplasia, Nos

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
		Hyperplasia, Nos
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Carcinoma, Nos
		Endometrial Stromal Polyp
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Pituitary gland
Trachea

Cytoplasmic Change, Basophilic
Cyst, Nos
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Liver

Cytoplasmic Change, Basophilic

Trachea

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

Liver

Cytoplasmic Change, Basophilic

Lung

Bronchus

Bronchiectasis

Mammary gland

Inflammation, Focal

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Trachea

Cytoplasmic Change, Basophilic
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Crystalline Lens

Cataract

Liver

Cytoplasmic Change, Basophilic

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Intestine Small	Mesentery Nos	Necrosis, Fat
	Mesentery Nos	Steatitis
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node	Submandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Galactocele
Pancreas		Inflammation, Focal
Trachea		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Lung	Bronchus	Bronchiectasis
	Bronchiole	Hyperplasia, Papillary
Mammary gland		Fibroadenoma
		Galactocele
		Hyperplasia, Nos
Pancreas		Inflammation, Focal
Pituitary gland		Adenoma, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Liver

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

Multiple Organs Nos

Postmortem Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Hyperplasia, Lymphoid
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Uterus	Endometrium	Endometrial Stromal Polyp
		Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Liver
Lung
Lymph node
Mammary gland

Cortex Nos
Endocardium Nos
Colon

Submandibular Lymph Node

Hyperplasia, Focal
Inflammation, Focal
Nematodiasis
Cytoplasmic Change, Basophilic
Inflammation, Focal
Hyperplasia, Nos
Adenocarcinoma, Nos
Fibroadenoma
Galactocele
Hyperplasia, Nos
Endometrial Stromal Polyp
Hyperplasia, Cystic
Inflammation, Acute

Uterus

Endometrium
Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart
Intestine Large
Kidney
Liver

Myocardium Nos
Colon

Fibrosis
Hyperplasia, Lymphoid
Glomerulonephritis, Nos
Cytoplasmic Change, Basophilic
Metamorphosis, Fatty
Inflammation, Focal
Galactocele
Hyperplasia, Nos
Endometrial Stromal Polyp

Lung
Mammary gland

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Angiectasis

Mammary gland

Cytoplasmic Change, Basophilic

Trachea

Hyperplasia, Nos

Uterus

Inflammation, Acute/Chronic

Endometrium

Endometrial Stromal Polyp

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Galactocele

Uterus

Hyperplasia, Nos

Endometrial Stromal Polyp

Endometrium

Hyperplasia, Nos

Endometrium

Inflammation, Acute

Fallopian Tube

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Mineralization

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Galactocele
		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Salivary gland	Submaxillary Gland Nos	Inflammation, Acute/Chronic
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Intestine Large
Liver
Mammary gland

Pulmonary Artery Nos
Colon

Mineralization
Nematodiasis
Cytoplasmic Change, Basophilic
Adenocarcinoma, Nos
Hyperplasia, Nos

Skin
Thyroid

Nose

Basal-Cell Carcinoma
C-Cell Adenoma
C-Cell Carcinoma

Uterus

Endometrium
Endometrium

Hyperplasia, Cystic
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Myocardium Nos

Fibrosis

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Change, Basophilic

Pancreas

Inflammation, Acute/Chronic

Pituitary gland

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Inflammation, Acute/Chronic
Kidney		Glomerulonephritis, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Trachea		Inflammation, Acute/Chronic
Uterus	Endometrium	Inflammation, Acute
	Fallopian Tube	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver		Cytoplasmic Change, Basophilic
Lung		Congestion, Nos
		Edema, Nos
Mammary gland		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Postmortem Change
Uterus	Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 90 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
Intestine Large	Colon	Nematodiasis
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Galactocele
		Hyperplasia, Nos
Trachea		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Focal Cellular Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ovary

Inflammation, Chronic

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

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

Heart	Epicardium	Inflammation, Chronic
Liver		Focal Cellular Change
Lung	Pleura Nos	Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Ovary

Granulosa-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

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

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Kidney

Mammary gland

Pancreas

Acinus

Pituitary gland

Thyroid

Uterus

Cortical Adenoma

Astrocytoma

Inflammation, Chronic

Hyperplasia, Nos

Atrophy, Nos

Carcinoma, Nos

Hyperplasia, C Cell

Endometrial Stromal Polyp

Inflammation, Acute

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Kidney

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

Uterus

Endometrium

Hyperplasia, Cystic

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

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

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Galactocele

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Kidney

Cortex Nos

Hyperplasia, Focal

Mammary gland

Inflammation, Chronic

Fibroadenoma

Pituitary gland

Galactocele

Adenoma, Nos

Thyroid

C-Cell Carcinoma

Uterus

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Heart

Cortex Nos

Hyperplasia, Focal

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Inflammation, Chronic

Pituitary gland

Focal Cellular Change

Uterus

Adenoma, Nos

Endometrial Stromal Polyp

Endometrium

Hyperplasia, Cystic

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Liver

Focal Cellular Change

Mammary gland

Dilatation, Ducts

Mammary Duct

Fibrosis

Uterus

Hyperplasia, Nos

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Galactocele

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone		Osteosclerosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
	Mammary Duct	Fibrosis
		Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Ovary

Follicle

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Uterus

Adenocarcinoma, Nos

Endometrium

Inflammation, Acute

Fallopian Tube

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Postmortem Change

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Uterus

Inflammation, Chronic

Fibroadenoma

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

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

Mammary gland

Uterus

Fibroadenoma

Endometrial Stromal Polyp

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Uterus

Inflammation, Chronic

Degeneration, Nos

Focal Cellular Change

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

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

Kidney

Uterus

Inflammation, Chronic

Endometrial Stromal Polyp

Hydrometra

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Thyroid

Uterus

Hyperplasia, C Cell

Endometrial Stromal Polyp

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

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

Adrenal gland

Liver

Pancreas

Pituitary gland

Thyroid

Uterus

Acinus

Fallopian Tube

Cortical Carcinoma

Focal Cellular Change

Atrophy, Nos

Adenoma, Nos

C-Cell Carcinoma

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Focal Cellular Change
Mammary gland	Fibroadenoma
	Galactocele

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Focal Cellular Change
Pituitary gland	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Mammary gland

Pancreas

Pituitary gland

Unspecified

Acinus

Multiple Organs Nos

Cortical Adenoma

Inflammation, Chronic

Fibroadenoma

Galactocele

Atrophy, Nos

Adenoma, Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Kidney

Inflammation, Chronic

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute
	Fallopian Tube	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Pituitary gland

Inflammation, Chronic

Metamorphosis, Fatty

Papillary Cystadenoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Unspecified

Multiple Organs Nos

Inflammation, Chronic
Adenoma, Nos
Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Thymus

Thymoma, Benign

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Pituitary gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Pituitary gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Focal Cellular Change
Mammary gland	Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Vagina

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Thrombosis, Nos

Pituitary gland

Inflammation, Chronic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Focal Cellular Change
Mammary gland	Fibroadenoma
	Galactocele
Pituitary gland	Adenoma, Nos
Thyroid	C-Cell Carcinoma
	Hyperplasia, C Cell
Uterus	Endometrial Stromal Polyp
	Inflammation, Active Chronic
Fallopian Tube	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Focal Cellular Change
Mammary gland	Fibroadenoma
Pituitary gland	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Mammary gland		Adenocarcinoma, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Mammary gland

Unspecified

Uterus

Multiple Organs Nos

Endometrium

Cortical Adenoma

Dilatation, Ducts

Hyperplasia, Nos

Lymphoma, Nos-Malignant

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Pituitary gland

Inflammation, Chronic

Fibroadenoma

Galactocele

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Uterus

Focal Cellular Change

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01843

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5-Nitro-o-toluidine

CAS Number: 99-55-8

Date Report Requested: 10/26/2014

Time Report Requested: 17:10:38

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Pituitary gland		Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****