

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

C Number: C56064

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Bone

Knee Joint Nos

Degeneration, Nos

Sternal Sychondrosis

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Bone marrow

Hypoplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Fibroadenoma

Pancreas

Atrophy, Focal

Stomach

Glandular Stomach

Cyst, Nos

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
Bone marrow		Hyperplasia, Reticulum Cell
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Cyst, Nos
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Uterus		Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Sychondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Spleen		Scar
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver		Necrosis, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Nos
Uterus		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone

Vertebral Joint

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone

Knee Joint Nos

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Intrahepatic Bile Duct

Granuloma, Nos

Mammary gland

Hyperplasia, Nos

Stomach

Glandular Stomach

Fibroadenoma

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Brain	Stem	Atrophy, Pressure
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Knee Joint Nos	Degeneration, Nos
	Synovial Tissue	Inflammation, Chronic
Bone marrow		Hyperplasia, Nos
Heart	Mitral Valve Nos	Degeneration, Muroid
	Ventricle	Dilatation, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic
	Mesentery Nos	Neurilemoma, Invasive
Liver	Hepatocytes	Focal Cellular Change
Mammary gland		Atrophy, Nos
Nasal cavity		Inflammation, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Hyperplasia, Nos
		Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Knee Joint Nos	Degeneration, Nos
	Sternal Sychondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Bone marrow		Hypoplasia, Nos
Clitoral gland		Adenoma, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Salivary gland		Atrophy, Focal
Skin		Trichoepithelioma
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Sychondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Bone marrow		Hypoplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Artery Nos	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Brain

Astrocytoma

Eye

Nasolacrimal Duct

Inflammation, Nos

Kidney

Nephropathy

Liver

Granuloma, Nos

Lymph node

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Sychondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes Intrahepatic Bile Duct	Accessory Structure Focal Cellular Change Hyperplasia, Nos
Mammary gland		Fibroadenoma
Ovary		Cyst, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Thyroid		C-Cell Adenoma
Uterus	Endometrial Gland	Cyst, Nos Endometrial Stromal Polyp Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Brain		Gliosis
Clitoral gland		Inflammation, Nos
Kidney		Nephropathy
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone

Cortex Nos
Knee Joint Nos
Sternal Sychondrosis
Vertebral Joint

Hypertrophy, Focal
Degeneration, Nos
Degeneration, Nos
Degeneration, Nos
Hyperplasia, Reticulum Cell

Bone marrow
Heart
Liver

Myocardium Nos
Hepatocytes

Degeneration, Nos
Focal Cellular Change
Granuloma, Nos

Pancreas
Pituitary gland
Stomach
Thyroid
Uterus

Anterior Pituitary
Glandular Stomach

Atrophy, Focal
Hyperplasia, Focal
Cyst, Nos
C-Cell Adenoma
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone	Knee Joint Nos	Degeneration, Nos
	Sternal Sychondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Spleen		Scar
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hypoplasia, Nos

Lung

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Sychondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Bone marrow		Hyperplasia, Nos
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Granuloma, Nos Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Granulomatous
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Nos
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Sternal Sychondrosis

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Uterus

Hydrometra

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Bone marrow		Hypoplasia, Nos
Brain	Meninges	Inflammation, Acute
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Salivary gland		Inflammation, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Joint Nos	Degeneration, Nos
	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Accessory Structure

Bone

Knee Joint Nos

Degeneration, Nos

Sternal Sychondrosis

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Lung

Neoplastic Nodule

Mammary gland

Alveolar/Bronchiolar Carcinoma

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Joint Nos

Degeneration, Nos

Knee Joint Nos

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Mineralization

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Uterus

Endometrial Gland

Hyperplasia, Cystic

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Bone marrow		Hyperplasia, Reticulum Cell
Kidney		Nephropathy
Liver		Granuloma, Nos
Pancreas		Atrophy, Focal Hypertrophy, Focal
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone	Sternal Synchrondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Brain	Stem	Atrophy, Pressure
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Clitoral gland		Adenoma, Nos
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone

Brain

Heart

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Thyroid

Capsule

Knee Joint Nos

Sternal Sychondrosis

Vertebral Joint

Stem

Myocardium Nos

Hepatocytes

Anterior Pituitary

Accessory Structure

Degeneration, Nos

Degeneration, Nos

Degeneration, Nos

Atrophy, Pressure

Degeneration, Nos

Mineralization

Focal Cellular Change

Adenocarcinoma, Nos

Fibroadenoma

Hyperplasia, Cystic

Atrophy, Focal

Adenoma, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone

Kidney

Liver

Mammary gland

Pituitary gland

Skin

Uterus

Knee Joint Nos

Sternal Sychondrosis

Vertebral Joint

Hepatocytes

Intrahepatic Bile Duct

Anterior Pituitary

Cervix Uteri

Cervix Uteri

Cortical Adenoma

Degeneration, Nos

Degeneration, Nos

Degeneration, Nos

Nephropathy

Focal Cellular Change

Granuloma, Nos

Hyperplasia, Nos

Adenocarcinoma, Nos

Hyperplasia, Cystic

Adenoma, Nos

Trichoepithelioma

Cyst, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis	Degeneration, Nos Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Nos
Pancreas		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change Granuloma, Nos
Mammary gland	Intrahepatic Bile Duct	Hyperplasia, Nos Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Reticulum Cell
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
Liver		Granuloma, Nos
Lymph node	Mandibular Lymph Node	Cyst, Hemorrhagic
Nasal cavity		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Skeletal muscle		Mineralization
Thyroid		Hyperplasia, C Cell
Tongue		Squamous Cell Carcinoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain		Gliosis
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Stomach	Glandular Stomach	Cyst, Nos
Thyroid	Follicle	Degeneration, Nos
Uterus	Endometrial Gland	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Joint Nos

Degeneration, Nos

Knee Joint Nos

Degeneration, Nos

Sternal Sychondrosis

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Bone marrow

Hyperplasia, Reticulum Cell

Clitoral gland

Adenoma, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Granuloma, Nos

Mammary gland

Fibroadenoma

Nasal cavity

Inflammation, Nos

Pancreas

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Nasal cavity

Pituitary gland

Thymus

Uterus

Myocardium Nos

Hepatocytes

Anterior Pituitary

Hyperplasia, Nos

Degeneration, Nos

Nephropathy

Focal Cellular Change

Granuloma, Nos

Inflammation, Nos

Hyperplasia, Cystic

Hyperplasia, Lymphoid

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Sternal Synchrondrosis	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Liver

Intrahepatic Bile Duct

Hyperplasia, Nos

Inflammation, Nos

Mammary gland

Fibroadenoma

Salivary gland

Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Knee Joint Nos	Degeneration, Nos
	Sternal Sychondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Brain	Stem	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Joint Nos	Degeneration, Nos
	Knee Joint Nos	Degeneration, Nos
	Sternal Sychondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Accessory Structure
		Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Sternal Synchrondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity		Inflammation, Nos
Ovary		Cyst, Nos
Stomach	Glandular Stomach	Cyst, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Sternal Synchrondrosis Vertebral Joint	Degeneration, Nos Degeneration, Nos Degeneration, Nos
Brain	Stem	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperkeratosis
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Knee Joint Nos	Degeneration, Nos
	Sternal Sychondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Bone marrow		Hypoplasia, Nos
Brain	Stem	Atrophy, Pressure
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Mineralization
		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Bone

Knee Joint Nos

Degeneration, Nos

Sternal Sychondrosis

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Brain

Stem

Atrophy, Pressure

Clitoral gland

Adenoma, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 620 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Sternal Sychondrosis

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Granuloma, Nos

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Vertebral Joint	Degeneration, Nos Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Bone marrow		Hyperplasia, Nos
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Vertebral Joint	Degeneration, Nos Degeneration, Nos
Bone marrow		Hyperplasia, Reticulum Cell
Eye	Crystalline Lens	Cataract
Liver	Hepatocytes	Focal Cellular Change Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Vertebral Joint

Degeneration, Nos

Bone marrow

Histiocytosis

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Fibroadenoma

Anterior Pituitary

Adenoma, Nos

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Vertebral Joint	Degeneration, Nos
Liver	Hepatocytes	Accessory Structure Focal Cellular Change Granuloma, Nos
Mammary gland	Intrahepatic Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Fibroadenoma Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Vertebral Joint

Degeneration, Nos

Clitoral gland

Carcinoma, Nos

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Granuloma, Nos

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Bone marrow

Hyperplasia, Nos

Liver

Hepatocytes

Focal Cellular Change

Lung

Alveolar/Bronchiolar Carcinoma

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Hyperplasia, Cystic

Unspecified

Multiple Organs Nos

Inflammation, Granulomatous

Uterus

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Vertebral Joint	Degeneration, Nos
Bone marrow		Hyperplasia, Nos
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrial Gland	Cyst, Nos
		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Granuloma, Nos

Hyperplasia, Nos

Mammary gland

Neoplastic Nodule

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Stomach

Forestomach

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Intestine Small

Mesentery Nos

Necrosis, Fat

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Intrahepatic Bile Duct

Granuloma, Nos

Hyperplasia, Nos

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Granuloma, Nos

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Reticulum Cell
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Granuloma, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Histiocytosis
Ovary		Fibroadenoma
Stomach	Glandular Stomach	Cyst, Nos
		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Bone

Vertebral Joint

Degeneration, Nos

Bone marrow

Hyperplasia, Nos

Clitoral gland

Carcinoma, Nos

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Intrahepatic Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Fibroadenoma

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Hyperplasia, Nos
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver		Accessory Structure
		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Stomach	Glandular Stomach	Cyst, Nos
Uterus		Endometrial Stromal Sarcoma
		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Clitoral gland		Carcinoma, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Vertebral Joint	Degeneration, Nos Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Sternal Sychondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skeletal muscle		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Cortex Nos

Hyperplasia, Focal

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Uterus

Adenoma, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Eye	Crystalline Lens	Cataract
	Iris	Synechia, Posterior
Liver	Hepatocytes	Focal Cellular Change
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Ovary

Cyst, Parovarian

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cyst, Nos
Bone	Knee Joint Nos	Degeneration, Nos
Bone marrow		Hyperplasia, Nos
Clitoral gland		Carcinoma, Nos
Eye	Crystalline Lens	Cataract
Harderian gland	Harderian Gland	Inflammation, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Focal
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Tongue		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Bone marrow

Hyperplasia, Reticulum Cell

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Spleen

Hyperplasia, Cystic

Scar

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Bone

Cortex Nos

Hyperplasia, Focal

Bone marrow

Knee Joint Nos

Degeneration, Nos

Liver

Vertebral Joint

Degeneration, Nos

Hepatocytes

Hyperplasia, Reticulum Cell

Pituitary gland

Anterior Pituitary

Accessory Structure

Focal Cellular Change

Granuloma, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Intestine Small

Duodenum

Leiomyosarcoma

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Granuloma, Nos

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Granuloma, Nos

Intrahepatic Bile Duct

Hyperplasia, Nos

Lung

Hemorrhage

Mammary gland

Fibroadenoma

Stomach

Forestomach

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Liver

Accessory Structure

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Infection, Protozoan
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Salivary gland		Inflammation, Nos
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Ventricle	Dilatation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Granuloma, Nos

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Hyperplasia, Cystic

Stomach

Glandular Stomach

Hyperplasia, Epithelial

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Bone marrow

Hyperplasia, Reticulum Cell

Clitoral gland

Adenocarcinoma, Nos

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Uterus

Adenoma, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Neoplastic Nodule

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

Uterus

Endometrial Gland

Cyst, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Intrahepatic Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Cortex Nos

Hypertrophy, Focal

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Intrahepatic Bile Duct

Hyperplasia, Nos

Fibroadenoma

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Fibroadenoma

Uterus

Hyperplasia, Cystic

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos Fibrosis, Myelo
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrial Stromal Polyp

Endometrial Gland

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus		Endometrial Stromal Polyp
		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Accessory Structure

Bone

Cortex Nos

Hyperplasia, Focal

Heart

Vertebral Joint

Degeneration, Nos

Liver

Myocardium Nos

Degeneration, Nos

Mammary gland

Hepatocytes

Focal Cellular Change

Pituitary gland

Intrahepatic Bile Duct

Hyperplasia, Nos

Uterus

Anterior Pituitary

Fibroadenoma

Hyperplasia, Focal

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Focal Cellular Change

Granuloma, Nos

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Eye	Crystalline Lens	Cataract
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Liver

Hepatocytes

Angiectasis

Focal Cellular Change

Granuloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Ovary		Granulosa-Cell Tumor
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Clitoral gland

Carcinoma, Nos

Eye

Crystalline Lens

Cataract

Liver

Hepatocytes

Focal Cellular Change

Ovary

Intrahepatic Bile Duct

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Cyst, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Vertebral Joint

Degeneration, Nos

Bone marrow

Hyperplasia, Nos

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Myocardium Nos

Hepatocytes

Intrahepatic Bile Duct

Mammary gland

Pituitary gland

Anterior Pituitary

Hyperplasia, Reticulum Cell

Degeneration, Nos

Nephropathy

Focal Cellular Change

Granuloma, Nos

Hyperplasia, Nos

Fibroadenoma

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Vertebral Joint	Degeneration, Nos Degeneration, Nos
Liver	Hepatocytes	Accessory Structure Focal Cellular Change
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Knee Joint Nos

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Lung

Granuloma, Nos

Mammary gland

Inflammation, Nos

Pancreas

Fibroadenoma

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 310 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Knee Joint Nos	Degeneration, Nos
Brain		Gliosis
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Nos
Lymph node	Mesenteric Lymph Node	Histiocytosis
Mammary gland		Atrophy, Nos
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_102

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Knee Joint Nos	Degeneration, Nos
Eye	Iris	Synechia, Anterior
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
		Inflammation, Chronic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_103

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Sternal Synchrondrosis	Degeneration, Nos
Bone marrow		Hypoplasia, Nos
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Pancreas		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_104

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Bone

Sternal Synchrondrosis

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Degeneration, Nos

Liver

Hepatocytes

Nephropathy

Intrahepatic Bile Duct

Focal Cellular Change

Pancreas

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Inflammation, Nos

Stomach

Glandular Stomach

Atrophy, Focal

Hyperplasia, Cystic

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_105

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Uterus

Granuloma, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_106

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Thyroid

Adenoma, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_107

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Vertebral Joint	Degeneration, Nos
Brain	Meninges	Congestion, Nos
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_108

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow

Clitoral gland

Liver

Hepatocytes

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Carcinoma, Nos

Accessory Structure

Focal Cellular Change

Necrosis, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_109

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Ileum, Ileum	Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord	White Matter Spinal Cord	Cyst, Nos
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_110

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Skin		Cyst, Epidermal Inclusion
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_111

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Stem	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Scar
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_112

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Sternal Sychondrosis	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
	Islets	Hypertrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_113

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Sternal Synchondrosis

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Pituitary gland

Intrahepatic Bile Duct

Hyperplasia, Nos

Anterior Pituitary

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_114

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Degeneration, Nos
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
Mammary gland		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_115

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Sternal Synchrondrosis	Degeneration, Nos
	Cartilage,Nos	Necrosis, Focal
Brain	Stem	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Mammary gland		Fibroadenoma
		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_116

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Intestine Small

Cortex Nos

Hyperplasia, Focal

Kidney

Cortex Nos

Hypertrophy, Focal

Liver

Mesentery Nos

Necrosis, Fat

Mammary gland

Hepatocytes

Nephropathy

Ovary

Intrahepatic Bile Duct

Focal Cellular Change

Pancreas

Pituitary gland

Thyroid

Anterior Pituitary

Hyperplasia, Nos

Hyperplasia, Cystic

Cyst, Nos

Atrophy, Focal

Hyperplasia, Cystic

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_117

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Liver

Ovary

Pancreas

Pituitary gland

Vagina

Intrahepatic Bile Duct

Anterior Pituitary

Hyperplasia, Nos

Hyperplasia, Nos

Cyst, Parovarian

Atrophy, Focal

Hyperplasia, Focal

Cyst, Nos

Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_118

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Sternal Sychondrosis	Degeneration, Nos
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
Lymph node		Cyst, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	Fibrosis
	Endometrial Gland	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_119

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Adenocarcinoma, Nos

Stomach

Wall

Granuloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_120

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Medulla

Pheochromocytoma

Bone marrow

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Necrosis, Coagulative

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_121

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Sternal Synchrondrosis	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Granuloma, Nos
Nasal cavity		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Nos
Stomach	Glandular Stomach	Hyperplasia, Cystic
Uterus	Endometrial Gland	Cyst, Nos
		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_122

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Bone

Sternal Sychondrosis

Degeneration, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Thymus

Adenoma, Nos

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_123

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Knee Joint Nos	Degeneration, Nos
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
Lung		Inflammation, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrial Gland	Hyperplasia, Nos
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_124

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Nos
Nasal cavity		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_125

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow

Nasal cavity

Pituitary gland

Unspecified

Uterus

Anterior Pituitary

Multiple Organs Nos

Hyperplasia, Nos

Inflammation, Nos

Adenoma, Nos

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_126

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Clitoral gland

Liver

Hepatocytes

Lung

Pituitary gland

Intermedia

Hyperplasia, Nos

Carcinoma, Nos

Focal Cellular Change

Granuloma, Nos

Inflammation, Chronic Focal

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_127

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Brain

Stem

Atrophy, Pressure

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Granuloma, Nos

Nasal cavity

Hyperplasia, Nos

Pituitary gland

Inflammation, Nos

Stomach

Anterior Pituitary

Adenoma, Nos

Glandular Stomach

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_128

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_129

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Sternal Sychondrosis	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Thyroid		C-Cell Adenoma
Unspecified		Fibrosarcoma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_130

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_131

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Knee Joint Nos	Degeneration, Nos
Brain	Stem	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Nasal cavity		Inflammation, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_132

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Granuloma, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Inflammation, Nos
Stomach	Glandular Stomach	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Cyst, Nos
Uterus		Leukemia, Mononuclear Cell
		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_133

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Fibrosis, Diffuse
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Steatitis
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Nasal cavity		Inflammation, Nos
Pancreas		Atrophy, Diffuse
Stomach	Forestomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrial Gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_134

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Liver

Hepatocytes

Focal Cellular Change

Intrahepatic Bile Duct

Hyperplasia, Nos

Nasal cavity

Inflammation, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Stomach

Glandular Stomach

Cyst, Nos

Uterus

Cervix Uteri

Neurilemoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_135

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Clitoral gland		Adenoma, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_136

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Pheochromocytoma
Clitoral gland		Inflammation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Hyperplasia, Nos
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Multiple Hyperplasia, Cystic
Spleen		Metamorphosis, Fatty
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_137

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Cortex	Inflammation, Chronic Focal
Liver	Hepatocytes	Focal Cellular Change
Ovary		Granulosa-Cell Carcinoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Granulosa-Cell Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_138

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Nos
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_139

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Reticulum Cell
Brain	Stem	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_140

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Degeneration, Nos
Brain	Stem	Atrophy, Pressure
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
Mammary gland		Hyperplasia, Cystic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_141

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Sternal Synchondrosis	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
	Intrahepatic Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_142

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood	Megakaryocytes Nos	Hyperplasia, Nos
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Intrahepatic Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_143

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Uterus

Myocardium Nos

Inflammation, Nos

Degeneration, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_144

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocytes	Focal Cellular Change
Lymph node		Hemorrhage
		Inflammation, Acute
Nasal cavity		Infection, Fungal
		Inflammation, Nos
		Parasitism
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Salivary gland		Inflammation, Nos
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_145

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Degeneration, Nos
	Sternal Synchrondrosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
	Intrahepatic Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp
		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_146

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Sternal Synchronosis	Degeneration, Nos
	Vertebral Joint	Degeneration, Nos
Bone marrow		Hyperplasia, Nos
		Hyperplasia, Reticulum Cell
Brain	Stem	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Focal Cellular Change
		Inflammation, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_147

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone marrow

Medulla

Pheochromocytoma

Kidney

Hyperplasia, Nos

Nasal cavity

Nephropathy

Pancreas

Inflammation, Nos

Salivary gland

Atrophy, Diffuse

Unspecified

Multiple Organs Nos

Atrophy, Focal

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_148

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Brain	Stem	Atrophy, Pressure
Eye	Nasolacrimal Duct	Foreign Body, Nos
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Neurilemoma, Malignant
Kidney		Nephropathy
Liver		Accessory Structure
	Hepatocytes	Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Nos
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_149

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Cortex Nos

Hypertrophy, Focal

Liver

Hepatocytes

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56064

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurazone

CAS Number: 59-87-0

Date Report Requested: 10/26/2014

Time Report Requested: 09:36:45

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_150

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye	Crystalline Lens Iris	Cataract Synechia, Posterior
Harderian gland	Hardarian Gland	Inflammation, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes Intrahepatic Bile Duct	Focal Cellular Change Granuloma, Nos Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Hypertrophy, Nos
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****