

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

C Number: C56199

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Carcinoma, Nos

Eye

Retina

Granulation Tissue

Nasolacrimal Duct

Degeneration, Nos

Nasolacrimal Duct

Foreign Material, Nos

Myocardium Nos

Inflammation, Active Chronic

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Hernia, Nos

Anterior Pituitary

Adenoma, Nos

Spleen

Cyst, Nos

Stomach

Glandular Stomach

Hemosiderosis

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Lymph node

Spleen

Carcinoma, Nos

Hyperplasia, Plasma Cell

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Carcinoma, Nos
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Nasal cavity	Maxillary Sinus Gland	Inflammation, Chronic
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Unspecified	Adipose Tissue	Necrosis, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	Infarct, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Papilloma, Nos
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Parotid Gland Nos	Atrophy, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
Nasal cavity	Mucosa	Inflammation, Chronic
		Retention Of Content
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Hyperplasia, Epithelial
		Retention Of Content
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Retina	Detachment
	Anterior Chamber	Hemorrhage
	Iris	Synechia, Anterior
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Medulla	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lymph node	Mandibular Lymph Node	Cyst, Nos
Mammary gland		Dilatation, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Carcinoma, Nos
		Inflammation, Active Chronic
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hematopoiesis
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas		Cyst, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Focal Cellular Change
Salivary gland	Parotid Gland Nos	Inflammation, Chronic Focal
Spleen		Hematopoiesis
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lung		Pneumonia, Interstitial Chronic
Lymph node		Hemorrhage
		Hemosiderosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Unspecified	Adipose Tissue	Necrosis, Nos
Uterus	Endometrium	Adenocarcinoma, Nos
		Dilatation, Nos
		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Eye

Crystalline Lens

Pheochromocytoma

Retina

Cataract

Sclera

Degeneration, Nos

Kidney

Mineralization

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Mammary gland

Granuloma, Nos

Nasal cavity

Mucosa

Hyperplasia, Epithelial

Mucosa

Hyperplasia, Epithelial

Pituitary gland

Anterior Pituitary

Inflammation, Active Chronic

Anterior Pituitary

Adenoma, Nos

Intermedia

Cyst, Nos

Spleen

Hyperplasia, Focal

Hematopoiesis

Stomach

Glandular Stomach

Hemosiderosis

Thymus

Hyperplasia, Lymphoid

Thyroid

Cyst, Nos

Hyperplasia, Epithelial

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Vertebra	Degeneration, Nos
	Intervertebral Disc Nos	Metaplasia, Osseous
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
Lymph node		Hemorrhage
		Hemosiderosis
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skin	Epidermis	Inflammation, Chronic Focal
Spleen		Hematopoiesis
		Hemosiderosis
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Eye

Cortex Nos

Hyperplasia, Focal

Heart

Retina

Degeneration, Nos

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Mammary gland

Granuloma, Nos

Nasal cavity

Mucosa

Hyperplasia, Epithelial

Spleen

Inflammation, Chronic

Stomach

Glandular Stomach

Hemosiderosis

Thymus

Cyst, Nos

Thyroid

Hyperplasia, Epithelial

Trachea

Hyperplasia, C Cell

Uterus

Inflammation, Chronic

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain		Oligodendroglioma
Clitoral gland		Adenoma, Nos
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Intestine Large	Rectum	Dilatation, Nos
Kidney	Pelvis	Mineralization
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Cyst, Embryonal Duct
		Hyperplasia, C Cell
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Eye

Retina

Degeneration, Nos

Nasolacrimal Duct

Inflammation, Chronic

Sclera

Mineralization

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Ground-Glass

Granuloma, Nos

Lymph node

Mediastinal Lymph Node

Hemosiderosis

Nasal cavity

Mucosa

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

Spleen

Hemosiderosis

Stomach

Glandular Stomach

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:20
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_064

TRT#: 1
DOSE: 4000 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Capsule	Ectopia
	Cortex Nos	Hyperplasia, Focal
Brain	Choroid Plexus Nos	Hyperplasia, Nos
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Retention Of Content
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pancreas	Acinus	Atrophy, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Retina	Fibrosis
	Anterior Chamber	Hemorrhage
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Deformity, Nos
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Brain

Hemorrhage

Eye

Retina

Degeneration, Nos

Nasolacrimal Duct

Inflammation, Chronic

Nasal cavity

Mucosa

Foreign Material, Nos

Unspecified

Mucosa

Inflammation, Chronic

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Clitoral gland		Retention Of Content
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos
Crystalline Lens
Retina
Nasolacrimal Duct
Sclera
Hardarian Gland

Hypertrophy, Focal
Cataract
Degeneration, Nos
Inflammation, Chronic
Mineralization
Inflammation, With Fibrosis
Nephropathy
Dilatation, Nos
Inflammation, Chronic
Angiectasis
Focal Cellular Change
Hemosiderosis
Cyst, Nos
Hyperplasia, Epithelial
Hyperplasia, C Cell

Harderian gland
Kidney
Mammary gland
Nasal cavity
Pituitary gland

Mucosa
Anterior Pituitary
Anterior Pituitary

Spleen
Stomach
Thymus
Thyroid

Glandular Stomach

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Degeneration, Nos

Nasolacrimal Duct

Inflammation, Chronic

Liver

Necrosis, Focal

Pituitary gland

Anterior Pituitary

Angiectasis

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Deformity, Nos
Eye	Retina	Degeneration, Nos
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
Pituitary gland	Intermedia	Adenoma, Nos
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Iris	Synechia, Posterior
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lung		Bronchopneumonia, Nos
		Foreign Body, Reaction
Lymph node	Mandibular Lymph Node	Cyst, Nos
Mammary gland		Galactoceles
		Hyperplasia, Epithelial
Nasal cavity		Empyema
	Maxillary Sinus Nos	Foreign Material, Nos
		Foreign Material, Nos
	Mucosa	Inflammation, Active Chronic
	Maxillary Sinus Nos	Inflammation, Acute
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Inflammation, Active Chronic
		Papillary Carcinoma
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Mineralization
Liver		Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Inflammation, Active Chronic
Unspecified	Head	Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Iris	Synechia, Anterior
Heart	Myocardium Nos	Degeneration, Nos
	Cardiac Valve	Hyperplasia, Nos
	Cardiac Valve	Inflammation, Chronic
Mammary gland		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Capsule

Ectopia
Carcinoma, Nos
Hyperplasia, Epithelial

Eye

Crystalline Lens
Retina

Cataract
Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Epithelial

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Hemosiderosis

Thyroid

Hyperplasia, C Cell

Unspecified

Adipose Tissue

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Eye

Kidney

Liver

Lymph node

Mammary gland

Nasal cavity

Pituitary gland

Spleen

Retina

Nasolacrimal Duct

Nasolacrimal Duct

Mediastinal Lymph Node

Mucosa

Anterior Pituitary

Anterior Pituitary

Hyperplasia, Hematopoietic

Degeneration, Nos

Foreign Material, Nos

Inflammation, Active Chronic

Nephropathy

Cytoplasmic Change, Basophilic

Granuloma, Nos

Hemosiderosis

Fibroadenoma

Inflammation, Chronic

Adenoma, Nos

Focal Cellular Change

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain	Choroid Plexus Nos	Hyperplasia, Nos
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Atrophy, Focal
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hepatocellular Carcinoma
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Mammary gland		Dilatation, Nos
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone	Femur	Metaplasia, Osseous
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mediastinal Lymph Node	Hemorrhage
Nasal cavity	Turbinates Nos	Metaplasia, Osseous
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct Nasolacrimal Duct Sclera	Foreign Material, Nos Inflammation, Active Chronic Mineralization
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mediastinal Lymph Node Mediastinal Lymph Node	Hemorrhage Hemosiderosis
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Hyperplasia, Epithelial
		Inflammation, Active Chronic
		Retention Of Content
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Bronchopneumonia, Nos
		Foreign Material, Nos
Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Nasal cavity		Foreign Material, Nos
	Mucosa	Hyperplasia, Epithelial
	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Fibrosis
		Metaplasia, Osseous
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Foreign Material, Nos
	Nasolacrimal Duct	Retention Of Content
Heart	Endocardium Nos	Infection, Bacterial
	Endocardium Nos	Inflammation, Acute/Chronic
	Myocardium Nos	Inflammation, Acute/Chronic
Intestine Small	Mesentery Nos	Inflammation, Acute/Chronic
Kidney		Abscess, Nos
	Pelvis	Mineralization
		Nephropathy
Liver		Infarct, Nos
		Necrosis, Focal
Mammary gland		Dilatation, Nos
		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos Artery Nos Pulmonary Artery Nos	Hypertrophy, Focal Periarteritis Periarteritis
Bone		Chondrodystrophy
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Hyperplasia, Epithelial
Eye	Retina Sclera	Degeneration, Nos Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lung		Histiocytosis Inflammation, Granulomatous
Lymph node		Inflammation, Granulomatous
Mammary gland		Galactocele
Pancreas	Acinus	Degeneration, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Hyperplasia, Epithelial
Unspecified	Adipose Tissue Multiple Organs Nos	Inflammation, Chronic Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Hypertrophy, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Degeneration, Nos

Liver

Nephropathy

Deformity, Nos

Lung

Focal Cellular Change

Lymph node

Congestion, Acute

Mammary gland

Mediastinal Lymph Node

Hemosiderosis

Nasal cavity

Mucosa

Hyperplasia, Epithelial

Pituitary gland

Anterior Pituitary

Inflammation, Chronic

Spleen

Anterior Pituitary

Adenoma, Nos

Thymus

Cyst, Nos

Hemosiderosis

Uterus

Cervix Uteri

Hyperplasia, Epithelial

Mucous Membrane

Fibrosis

Metaplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Salivary gland	Sublingual Gland Nos	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Metaplasia, Osseous
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lung		Pneumonia, Interstitial Chronic
Nasal cavity	Turbinate Nos	Metaplasia, Osseous
Pancreas	Acinus	Focal Cellular Change
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Clitoral gland		Hyperplasia, Epithelial
		Retention Of Content
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Active Chronic
	Iris	Synechia, Posterior
Harderian gland	Hardarian Gland	Fibrosis
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Chronic
	Nasal Gland	Retention Of Content
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Dilatation, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemosiderosis
Spleen		Hematopoiesis
		Hemosiderosis
Vagina		Polyp, Inflammatory

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Cyst, Nos
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
	Nasolacrimal Duct	Retention Of Content
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lung		Emphysema, Nos
Lymph node	Mandibular Lymph Node	Cyst, Nos
	Mesenteric Lymph Node	Hemorrhage
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas		Inflammation, Acute/Chronic
		Metaplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow
Clitoral gland

Hyperplasia, Hematopoietic
Carcinoma, Nos

Eye
Heart

Nasolacrimal Duct
Myocardium Nos

Inflammation, Active Chronic
Inflammation, Chronic

Kidney
Nasal cavity
Spleen

Mucosa

Inflammation, Chronic Focal
Nephropathy

Unspecified
Uterus

Endometrium

Inflammation, Active Chronic
Hematopoiesis
Hemosiderosis
Inflammation, Granulomatous Focal
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Clitoral gland		Carcinoma, Nos
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Foreign Material, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Medulla	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Spleen		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:20
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_092

TRT#: 1
DOSE: 4000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Degeneration, Lipoid
Bone marrow		Metaplasia, Osseous
Clitoral gland		Retention Of Content
Eye	Retina	Degeneration, Nos
Intestine Small	Mesentery Nos	Accessory Structure
Kidney	Pelvis	Mineralization
		Nephropathy
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Turbinate Nos	Metaplasia, Osseous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Congestion, Acute
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Hyperplasia, Epithelial Inflammation, Active Chronic Retention Of Content
Eye	Crystalline Lens Retina Ciliary Body Iris Nasolacrimal Duct	Cataract Degeneration, Nos Hemosiderosis Hemosiderosis Inflammation, Chronic
Kidney	Medulla	Mineralization Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic Granuloma, Nos
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mediastinal Lymph Node	Hemorrhage
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Nos
Uterus		Leiomyoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Clitoral gland		Hyperplasia, Epithelial
		Inflammation, Chronic
		Retention Of Content
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic Focal
	Pelvis	Mineralization
Liver		Cytoplasmic Change, Basophilic
	Portal Tract	Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Medulla

Hyperplasia, Focal

Eye

Retina

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Intestine Small

Mesentery Nos

Degeneration, Nos

Kidney

Tubule

Accessory Structure

Nephropathy

Liver

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Deformity, Nos

Granuloma, Nos

Lung

Perivascular Cuffing

Nasal cavity

Mucosa

Inflammation, Chronic

Spleen

Hemosiderosis

Thyroid

Hyperplasia, C Cell

Uterus

Cervix Uteri

Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Sclera	Mineralization
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Bronchopneumonia, Nos
		Foreign Body, Reaction
		Foreign Material, Nos
Lymph node	Mandibular Lymph Node	Cyst, Nos
	Mandibular Lymph Node	Hyperplasia, Plasma Cell
	Mediastinal Lymph Node	Hyperplasia, Plasma Cell
Nasal cavity		Foreign Material, Nos
	Mucosa	Hyperplasia, Epithelial
	Maxillary Sinus Nos	Inflammation, Active Chronic
	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Thymus		Hyperplasia, Epithelial
Trachea		Inflammation, Chronic
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Reticulum Cell
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
Lung		Emphysema, Nos
Nasal cavity	Mucosa	Hyperplasia, Epithelial
	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Active Chronic
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Focal Cellular Change
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 4000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Ectopia
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
		Thrombosis, Nos
Mammary gland		Dilatation, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Medulla

Hyperplasia, Focal
Carcinoma, Nos
Inflammation, Active Chronic

Eye

Crystalline Lens
Retina
Sclera

Cataract
Degeneration, Nos
Mineralization

Liver
Nasal cavity
Spleen
Uterus

Mucosa

Cytoplasmic Change, Basophilic
Inflammation, Chronic
Hemosiderosis
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Atrophy, Nos

Eye

Crystalline Lens

Metaplasia, Osseous

Retina

Cataract

Liver

Centrilobular

Degeneration, Nos

Nasal cavity

Mucosa

Necrosis, Nos

Pituitary gland

Anterior Pituitary

Inflammation, Acute

Spleen

Adenoma, Nos

Thymus

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Epithelial

Edema, Nos

Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Hyperplasia, Focal
Adenoma, Nos
Retention Of Content

Eye

Retina
Sclera

Degeneration, Nos
Mineralization
Cytoplasmic Change, Basophilic
Hemosiderosis
Hyperplasia, Epithelial

Liver

Spleen

Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Eye

Liver

Spleen

Unspecified

Retina

Portal Tract

Adipose Tissue

Hyperplasia, Epithelial

Degeneration, Nos

Cytoplasmic Change, Basophilic

Inflammation, Chronic

Hemosiderosis

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Mesentery Nos

Inflammation, Chronic
Nephropathy

Pituitary gland
Spleen

Tubule
Anterior Pituitary

Pigmentation, Nos
Cyst, Nos
Hyperplasia, Reticulum Cell
Necrosis, Focal

Stomach
Thymus

Glandular Stomach

Inflammation, Acute/Chronic
Hyperplasia, Epithelial

Thyroid

C-Cell Adenoma

Unspecified

Adipose Tissue

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Medulla	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens Retina	Cataract Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Eye

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Spleen

Hematopoiesis

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens Retina	Cataract Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Congestion, Acute
Nasal cavity	Mucosa	Inflammation, Acute
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:20
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 2000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Papilloma, Nos
		Retention Of Content
Eye	Retina	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
		Metamorphosis, Fatty
Nasal cavity	Mucosa	Inflammation, Acute
Spleen		Hemosiderosis
Unspecified	Neck	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Metaplasia, Osseous
Clitoral gland		Adenoma, Nos
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Liver		Cytoplasmic Change, Basophilic
Nasal cavity		Foreign Material, Nos
	Mucosa	Inflammation, Chronic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Nos
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Change, Eosinophilic

Cortex Nos

Hyperplasia, Focal

Eye

Nasolacrimal Duct

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Spleen

Hemosiderosis

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Ectopia
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Papillary Carcinoma
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
		Inflammation, Acute/Chronic
Mammary gland		Dilatation, Ducts
		Fibroadenoma
		Hyperplasia, Atypical
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Carcinoma, Nos
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Synovial Tissue	Mineralization
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Carcinoma, Nos
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Medulla	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Hyperplasia, Focal
Adenoma, Nos
Hyperplasia, Epithelial

Eye

Nasolacrimal Duct

Inflammation, Chronic

Liver

Granuloma, Nos

Nasal cavity

Mucosa

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:20

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Eye

Crystalline Lens

Retina

Nasolacrimal Duct

Sclera

Liver

Pituitary gland

Spleen

Thymus

Unspecified

Uterus

Anterior Pituitary

Multiple Organs Nos

Carcinoma, Nos

Cataract

Degeneration, Nos

Inflammation, Chronic

Mineralization

Cytoplasmic Change, Basophilic

Adenoma, Nos

Hemosiderosis

Hyperplasia, Epithelial

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Clitoral gland

Carcinoma, Nos

Eye

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Nasolacrimal Duct

Inflammation, Active Chronic

Liver

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Clitoral gland		Hyperplasia, Epithelial
Eye	Crystalline Lens Retina Nasolacrimal Duct Sclera Iris	Cataract Degeneration, Nos Inflammation, Chronic Mineralization Synechia, Posterior
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change
Nasal cavity	Mucosa	Inflammation, Chronic
Spleen		Hemosiderosis
Uterus	Endometrium	Papillary Cystadenocarcinoma Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Sclera	Mineralization
Liver		Cytoplasmic Change, Basophilic
		Hernia, Nos
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Clitoral gland

Eye

Crystalline Lens

Hypertrophy, Focal

Retention Of Content

Liver

Retina

Cataract

Degeneration, Nos

Mammary gland

Spleen

Cytoplasmic Change, Basophilic

Necrosis, Focal

Fibroadenoma

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Liver		Focal Cellular Change
		Mitotic Alteration
Lymph node		Hyperplasia, Plasma Cell
Mammary gland		Dilatation, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Intermedia	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Unspecified		Liposarcoma
Uterus		Endometrial Stromal Polyp
	Endometrial Stroma	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Clitoral gland

Retention Of Content

Eye

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Hemosiderosis

Uterus

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Metaplasia, Osseous

Eye

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Sclera

Mineralization

Liver

Cytoplasmic Change, Basophilic

Spleen

Granuloma, Nos

Stomach

Forestomach

Hemosiderosis

Uterus

Forestomach

Erosion

Inflammation, Acute/Chronic

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 2000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Degeneration, Lipoid Hyperplasia, Focal
Brain		Astrocytoma
Eye	Crystalline Lens Retina Sclera	Cataract Degeneration, Nos Mineralization
Liver		Cytoplasmic Change, Basophilic Cytoplasmic Vacuolization Granuloma, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Focal
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Clitoral gland

Hyperplasia, Epithelial

Eye

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Sclera

Mineralization

Liver

Cytoplasmic Change, Basophilic

Nasal cavity

Mucosa

Inflammation, Chronic

Spleen

Hemosiderosis

Unspecified

Ear

Fibrosarcoma

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Medulla

Hyperplasia, Focal

Bone marrow

Pheochromocytoma

Eye

Retina

Hyperplasia, Hematopoietic

Degeneration, Nos

Kidney

Nasolacrimal Duct

Inflammation, Chronic

Tubule

Hyperplasia, Atypical

Liver

Nephropathy

Angiectasis

Nasal cavity

Mucosa

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Inflammation, Chronic

Spleen

Adenoma, Nos

Thymus

Hemosiderosis

Unspecified

Adipose Tissue

Hyperplasia, Epithelial

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Bone marrow

Cortex Nos

Hypertrophy, Focal

Eye

Retina

Hyperplasia, Hematopoietic

Liver

Degeneration, Nos

Mammary gland

Capsule

Cytoplasmic Change, Basophilic

Nasal cavity

Mucosa

Fibrosis, Focal

Pituitary gland

Anterior Pituitary

Adenocarcinoma, Nos

Spleen

Inflammation, Chronic

Uterus

Adenoma, Nos

Hematopoiesis

Hemosiderosis

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Carcinoma, Nos
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Liver		Clear-Cell Change
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
		Hemosiderosis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Change, Eosinophilic

Cortex Nos

Hyperplasia, Focal

Eye

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Nasolacrimal Duct

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

Urinary bladder

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Hyperplasia, Epithelial
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Liver		Cytoplasmic Change, Basophilic
	Portal Tract	Inflammation, Chronic
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Atrophy, Nos
		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
		Leukemia, Mononuclear Cell
Thymus		Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Brain
Clitoral gland

Hyperplasia, Hematopoietic
Hemorrhage
Carcinoma, Nos
Inflammation, Active Chronic

Kidney
Lymph node
Thymus
Thyroid

Medulla
Mediastinal Lymph Node

Mineralization
Hemosiderosis
Hemorrhage
Cyst, Embryonal Duct

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Leukemia, Mononuclear Cell
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Intestine Large	Rectum	Erosion
	Rectum	Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens Retina	Cataract Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
	Mammary Duct	Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos Adipose Tissue	Leukemia, Mononuclear Cell Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Granuloma, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 2000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland Clitoral gland	Medulla	Hyperplasia, Focal Carcinoma, Nos Inflammation, Active Chronic
Eye Kidney Liver	Nasolacrimal Duct	Inflammation, Chronic Nephropathy Cytoplasmic Change, Basophilic Hernia, Nos
	Bile Duct Periportal	Hyperplasia, Focal Metamorphosis, Fatty Perivascular Cuffing
Lung Pituitary gland Spleen	Anterior Pituitary	Cyst, Multiple Hematopoiesis Hemosiderosis
Thymus Thyroid		Hyperplasia, Epithelial Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
		Granuloma, Nos
Lymph node		Hemorrhage
		Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Degeneration, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Papillary Carcinoma
Eye	Retina	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Bone marrow

Hyperplasia, Hematopoietic

Eye

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Hemorrhage

Spleen

Hematopoiesis

Hemosiderosis

Uterus

Endometrium

Cyst, Nos

Endometrial Stromal Polyp

Hemorrhage

Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Medulla	Mineralization
		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas		Inflammation, Chronic Focal
Spleen		Hematopoiesis
		Hemosiderosis
Thymus		Atrophy, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Hyperplasia, Focal
Adenoma, Nos
Papillary Carcinoma

Eye

Crystalline Lens
Retina
Nasolacrimal Duct
Sclera

Cataract
Degeneration, Nos
Inflammation, Chronic
Mineralization

Liver

Cytoplasmic Change, Basophilic

Nasal cavity

Mucosa

Inflammation, Active Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 2000 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hypertrophy, Focal
Bone	Femur	Deformity, Nos
Clitoral gland		Inflammation, Chronic
		Retention Of Content
Eye	Retina	Degeneration, Nos
	Sclera	Mineralization
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
		Granuloma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Abscess, Chronic
		Carcinoma, Nos
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Eye

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Uterus

Retina

Nasolacrimal Duct

Anterior Pituitary

Hyperplasia, Hematopoietic

Degeneration, Nos

Inflammation, Chronic

Angiectasis

Cytoplasmic Change, Basophilic

Pneumonia, Interstitial Chronic

Fibroadenoma

Adenoma, Nos

Hemosiderosis

Dilatation, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Capsule

Ectopia

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Bone marrow

Metaplasia, Osseous

Clitoral gland

Inflammation, Granulomatous

Retention Of Content

Eye

Retina

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Portal Tract

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Hemosiderosis

Thymus

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Eye

Retina

Degeneration, Nos

Nasolacrimal Duct

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Granuloma, Nos

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Nos

Spleen

Hemosiderosis

Unspecified

Axilla

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Eye

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver		Granuloma, Nos
Pancreas	Acinus	Atrophy, Focal
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Unspecified	Neck	Paraganglioma, Malignant
Uterus	Endometrium	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 2000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Foreign Material, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Medulla	Mineralization
		Nephropathy
Lymph node		Hemosiderosis
Salivary gland		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Uterus		Endometrial Stromal Polyp
		Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_101

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Carcinoma, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Neoplastic Nodule
Mammary gland		Dilatation, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hemosiderosis
		Leukemia, Mononuclear Cell
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_102

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
		Inflammation, Acute/Chronic
Mammary gland		Fibroadenoma
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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 Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Eye	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Neoplastic Nodule
Mammary gland		Adenocarcinoma, Nos Dilatation, Nos
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_104

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Brain

Hemorrhage

Nasal cavity

Mucosa

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_105

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Metamorphosis, Fatty
Mammary gland		Hyperplasia, Epithelial
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: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_106

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Metaplasia, Osseous
Eye	Nasolacrimal Duct	Inflammation, Chronic
	Nasolacrimal Duct	Retention Of Content
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Hyperplasia, Epithelial
Pancreas		Inflammation, Chronic 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: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_107

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Large
Lymph node
Pituitary gland
Spleen
Uterus

Large Intestine, Colon
Pancreatic Lymph Node
Anterior Pituitary

Hyperplasia, Lymphoid
Hemorrhage
Cyst, Nos
Hemosiderosis
Dilatation, Nos
Endometrial Stromal Polyp
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_108

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Metaplasia, Osseous
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Pelvis	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Dilatation, Nos
		Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_109

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain		Deformity, Nos
Eye	Nasolacrimal Duct	Inflammation, Chronic
Kidney	Medulla	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Dilatation, Nos
Pancreas	Acinus	Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_110

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Metaplasia, Osseous
Eye	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Dilatation, Ducts
		Dilatation, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_111

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Pneumonia, Interstitial Chronic
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Focal Cellular Change
Spleen		Hemosiderosis
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
	Nasolacrimal Duct	Retention Of Content
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_114

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lymph node	Periportal	Cytoplasmic Vacuolization
Mammary gland	Mandibular Lymph Node	Hyperplasia, Plasma Cell Dilatation, Nos Hyperplasia, Epithelial
Salivary gland	Parotid Gland Nos	Inflammation, Chronic Focal
Spleen		Hematopoiesis Hemosiderosis Leukemia, Mononuclear Cell
Unspecified		Squamous Cell Carcinoma, Invasive
Uterus		Endometrial Stromal Polyp
Zymbal gland		Abscess, Nos Infection, Bacterial Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Bone marrow		Metaplasia, Osseous
Kidney	Medulla	Mineralization Nephropathy
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change Hepatocytomegaly Inflammation, Acute Focal
Mammary gland		Histiocytosis Hyperplasia, Epithelial
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid	Follicle	Dilatation, Nos Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Epithelial Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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	Hypertrophy, Focal
Bone	Epiphysis	Metaplasia, Cartilaginous
	Femur	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Dilatation, Nos
Nasal cavity	Turbinate Nos	Metaplasia, Osseous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Acanthosis
		Papilloma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Liver		Cytoplasmic Change, Basophilic
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Fibroadenoma
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Epithelial
	Endometrial Stroma	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_118

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Lung

Nasal cavity

Hyperplasia, Hematopoietic

Nephropathy

Pneumonia, Interstitial Chronic

Foreign Material, Nos

Infection, Fungal

Pituitary gland

Spleen

Unspecified

Mucosa

Anterior Pituitary

Inflammation, Chronic

Angiectasis

Hemosiderosis

Fibroma

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_119

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Bone marrow

Hypertrophy, Focal

Eye

Retina

Metaplasia, Osseous

Heart

Sclera

Degeneration, Nos

Kidney

Myocardium Nos

Mineralization

Liver

Degeneration, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Ground-Glass

Granuloma, Nos

Lung

Pneumonia, Interstitial Chronic

Mammary gland

Dilatation, Nos

Hyperplasia, Epithelial

Nasal cavity

Mucosa

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_120

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Clitoral gland		Hyperplasia, Epithelial
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Deformity, Nos
Lung		Emphysema, Nos
Nasal cavity		Foreign Material, Nos
	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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	Medulla	Pheochromocytoma
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Mammary gland		Dilatation, Nos
		Inflammation, Granulomatous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thymus		Hyperplasia, Epithelial
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Bone	Femur	Metaplasia, Osseous
Clitoral gland		Papilloma, Nos
		Retention Of Content
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Nasal cavity	Mucosa	Inflammation, Chronic
Pancreas	Acinus	Focal Cellular Change
Parathyroid gland		Hyperplasia, Diffuse
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Dilatation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_123

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mediastinal Lymph Node	Hemosiderosis
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Uterus	Endometrium	Cyst, Nos
		Dilatation, Nos
		Endometrial Stromal Polyp
		Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Hyperplasia, Hematopoietic
		Metaplasia, Osseous
Clitoral gland		Carcinoma, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Deformity, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
		Mitotic Alteration
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hemorrhage
Mammary gland		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Cyst, Nos
	Forestomach	Granulation Tissue
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_125

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
	Periportal	Metamorphosis, Fatty
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Tongue		Inflammation, Acute/Chronic
Uterus	Endometrium	Cyst, Nos
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_126

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Periportal	Cytoplasmic Vacuolization
		Granuloma, Nos
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mediastinal Lymph Node	Hemosiderosis
Mammary gland		Dilatation, Nos
		Hyperplasia, Epithelial
Pancreas	Acinus	Focal Cellular Change
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_127

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Granulomatous
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_128

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Deformity, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Dilatation, Nos
		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Focal Cellular Change
Stomach	Glandular Stomach	Dilatation, Nos
Trachea		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_129

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Cortex Nos

Degeneration, Lipoid

Medulla

Hyperplasia, Focal

Bone marrow

Pheochromocytoma

Brain

Hyperplasia, Hematopoietic

Eye

Oligodendroglioma

Heart

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Pancreas

Bile Duct

Cytoplasmic Change, Basophilic

Pituitary gland

Acinus

Hyperplasia, Nos

Stomach

Anterior Pituitary

Atrophy, Focal

Thymus

Glandular Stomach

Cyst, Nos

Unspecified

Multiple Organs Nos

Dilatation, Nos

Uterus

Hyperplasia, Epithelial

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_130

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Eye

Nasolacrimal Duct

Pheochromocytoma, Malignant

Harderian gland

Harderian Gland

Inflammation, Active Chronic

Heart

Myocardium Nos

Fibrosis

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Pelvis

Fibrosis, Focal

Mammary gland

Mineralization

Nephropathy

Nasal cavity

Mucosa

Cytoplasmic Change, Basophilic

Ovary

Anterior Pituitary

Dilatation, Nos

Pituitary gland

Spleen

Stomach

Thymus

Thyroid

Hyperplasia, Epithelial

Inflammation, Chronic

Granulosa-Cell Tumor

Adenoma, Nos

Hemosiderosis

Cyst, Nos

Hyperplasia, Epithelial

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_131

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Brain		Deformity, Nos
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
	Sclera	Mineralization
Kidney		Nephropathy
Liver	Periportal	Cytoplasmic Change, Basophilic
		Cytoplasmic Vacuolization
		Granuloma, Nos
Mammary gland	Portal Tract	Inflammation, Chronic
		Adenocarcinoma, Nos
		Dilatation, Nos
		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
	Forestomach	Edema, Nos
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Active Chronic
Kidney	Pelvis	Mineralization
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Pneumonia, Interstitial Chronic
Ovary		Granulosa-Cell Tumor
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skin	Hair Follicle	Hyperplasia, Basal Cell
		Inflammation, Chronic Focal
Spleen		Hemosiderosis
Uterus	Cervix Uteri	Dilatation, Nos
	Cervix Uteri	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_133

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Endocardium Nos	Hemosiderosis
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lymph node	Mediastinal Lymph Node	Hemosiderosis
Mammary gland		Dilatation, Nos
		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Chronic
Spleen		Hemangioma
		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_134

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Adenoma, Nos
Carcinoma, Nos
Inflammation, Active Chronic
Inflammation, Granulomatous

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Dilatation, Nos

Fibroadenoma

Galactocele

Hyperplasia, Epithelial

Pituitary gland

Anterior Pituitary

Cyst, Nos

Anterior Pituitary

Focal Cellular Change

Unspecified

Adipose Tissue

Necrosis, Nos

Uterus

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_135

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
	Nasolacrimal Duct	Inflammation, Active Chronic
Liver		Deformity, Nos
Mammary gland		Dilatation, Nos
		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Inflammation, Acute/Chronic
	Glandular Stomach	Inflammation, Acute/Chronic
Thyroid		Hyperplasia, C Cell
Unspecified		Granulation Tissue
		Hemorrhage, Chronic
Uterus	Multiple Organs Nos	Periarteritis
	Endometrium	Cyst, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nalidixic acid
CAS Number: 389-08-2

Date Report Requested: 10/26/2014
Time Report Requested: 12:52:21
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_136

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Retina	Degeneration, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart		Hypertrophy, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Hemosiderosis
		Histiocytosis
		Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Spleen		Hematopoiesis
Unspecified		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_137

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lymph node	Mediastinal Lymph Node	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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 Cortex Nos	Degeneration, Lipoid Metamorphosis, Fatty
Bone marrow		Hyperplasia, Hematopoietic
Clitoral gland		Retention Of Content
Kidney		Nephropathy
Mammary gland		Dilatation, Nos
Pancreas		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Thyroid		C-Cell Carcinoma Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Adrenal gland

Cortex Nos

Cortical Adenoma

Brain

Degeneration, Lipoid

Eye

Nasolacrimal Duct

Oligodendroglioma

Kidney

Inflammation, Chronic

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Focal Cellular Change

Inflammation, Acute/Chronic

Portal Tract

Inflammation, Chronic

Metamorphosis, Fatty

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Spleen

Hemosiderosis

Stomach

Glandular Stomach

Cyst, Nos

Trachea

Inflammation, Chronic

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_140

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Kidney

Nephrosis, Hydro

Liver

Cytoplasmic Change, Basophilic

Lung

Perivascular Cuffing

Mammary gland

Dilatation, Nos

Unspecified

Multiple Organs Nos

Hyperplasia, Epithelial

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Reticulum Cell
Kidney	Pelvis	Mineralization
Liver	Portal Tract	Inflammation, Chronic
Mammary gland		Dilatation, Nos
Nasal cavity	Mucosa	Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Chronic
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_142

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Liver
Mammary gland

Capsule

Ectopia
Hemorrhage
Hernia, Nos
Adenocarcinoma, Nos
Dilatation, Ducts

Nasal cavity
Pancreas
Pituitary gland
Unspecified

Mucosa

Hyperplasia, Epithelial
Inflammation, Active Chronic
Inflammation, Chronic Focal
Cyst, Nos
Leukemia, Mononuclear Cell

Anterior Pituitary

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_143

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Ectopia

Eye

Cortex Nos

Hyperplasia, Focal

Heart

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Lymph node

Portal Tract

Histiocytosis

Mammary gland

Mandibular Lymph Node

Hyperplasia, Nos

Nasal cavity

Mucosa

Fibroadenoma

Pituitary gland

Anterior Pituitary

Inflammation, Active Chronic

Spleen

Anterior Pituitary

Cyst, Nos

Thymus

Hyperplasia, Focal

Thyroid

Congestion, Nos

Hemosiderosis

Hyperplasia, Epithelial

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_144

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Metaplasia, Osseous
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Ileum	Ectopia
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Epithelial
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Adipose Tissue	Necrosis, Nos
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_145

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Amyloid, Nos
	Medulla	Degeneration, Nos
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Mammary gland		Dilatation, Nos
Pancreas		Inflammation, Chronic Diffuse
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Salivary gland	Submaxillary Gland Nos	Atrophy, Focal
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_146

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Inflammation, Granulomatous
Eye	Retina	Degeneration, Nos
Kidney		Nephropathy
Mammary gland		Hyperplasia, Epithelial
Nasal cavity	Mucosa	Inflammation, Acute
Pancreas	Acinus	Atrophy, Diffuse
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

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

Capsule

Ectopia

Bone marrow

Metaplasia, Osseous

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Hemosiderosis

Stomach

Glandular Stomach

Cyst, Nos

Thymus

Hyperplasia, Epithelial

Thyroid

Hyperplasia, C Cell

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_148

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye	Sclera	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Liver	Centrilobular	Metamorphosis, Fatty
		Necrosis, Focal
Lung		Inflammation, Acute/Chronic
Lymph node	Mediastinal Lymph Node	Hemorrhage
Mammary gland		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_149

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow

Brain

Eye

Heart

Kidney

Liver

Nasal cavity

Pituitary gland

Spleen

Thymus

Uterus

Sclera

Myocardium Nos

Pelvis

Mucosa

Anterior Pituitary

Angiectasis
Hyperplasia, Reticulum Cell
Metaplasia, Osseous
Deformity, Nos
Mineralization
Degeneration, Nos
Mineralization
Nephropathy
Cytoplasmic Change, Basophilic
Granuloma, Nos
Inflammation, Chronic
Adenoma, Nos
Hemosiderosis
Hyperplasia, Epithelial
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56199

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nalidixic acid

CAS Number: 389-08-2

Date Report Requested: 10/26/2014

Time Report Requested: 12:52:21

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_150

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Adenoma, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Ground-Glass
		Granuloma, Nos
Mammary gland		Hyperplasia, Epithelial
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Stomach	Glandular Stomach	Cyst, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****